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REPORT

January 2025

TOWN OF
Montague
MASSACHUSETTS

ASTM PHASE I ENVIRONMENTAL SITE
ASSESSMENT REPORT

38 Avenue A
Turners Falls, Massachusetts 01376
ACRES ID: 262577



TABLE OF CONTENTS

EXECUTIVE SUMMARY..... 1

1.0 INTRODUCTION.....2

 1.1 Purpose..... 2

 1.2 Scope of Work..... 3

 1.3 Significant Assumptions..... 3

 1.4 Limitations and Exceptions..... 3

 1.5 Deviations..... 4

 1.6 Special Terms and Conditions..... 4

 1.7 Reliance..... 4

2.0 SUBJECT PROPERTY DESCRIPTION..... 5

 2.1 Location and Legal Description..... 5

 2.2 Subject Property and Vicinity Description..... 5

 2.3 Current Use of the Subject Property..... 5

 2.4 Description of Structures and Other Improvements..... 6

 2.5 Adjoining Property Information..... 6

3.0 SITE RECONNAISSANCE..... 7

 3.1 Methodology and Limiting Conditions..... 7

 3.2 General Setting..... 7

 3.3 Site Reconnaissance Findings..... 7

4.0 USER-PROVIDED INFORMATION..... 9

 4.1 Owner, Property Manager, and Occupant Information..... 9

 4.2 Environmental Liens..... 9

 4.3 Activity and Use Limitations..... 9

 4.4 Specialized Knowledge..... 10

 4.5 Commonly Known or Reasonably Ascertainable Information..... 10

 4.6 Valuation Reduction for Environmental Issues..... 10

 4.7 Degree of Obviousness of Contamination..... 10

 4.8 Reason For Performing Phase I ESA..... 10

 4.9 User-Provided Documents..... 10

5.0 RECORDS REVIEW..... 11

 5.1 Physical Setting Records Review..... 11

 5.1.1 Topography..... 11

 5.1.2 Geology..... 11

 5.1.2.1 Soil..... 11

 5.1.2.2 Bedrock..... 12

 5.1.3 Hydrogeology..... 12

 5.1.3.1 Groundwater..... 12

TABLE OF CONTENTS

5.1.3.2 Surface Water.....12

5.2 Historical Records Review..... 12

 5.2.1 Sanborn Fire Insurance Maps.....12

 5.2.2 Topographic Maps..... 15

 5.2.3 Aerial Photos..... 16

 5.2.4 City Directories..... 18

 5.2.5 Other Land Use Records..... 19

 5.2.6 Historical Records Review Summary..... 19

5.3 Standard Environmental Records Review.....20

5.4 Local Records..... 23

 5.4.1 Tax Assessor..... 23

 5.4.2 Fire Department..... 23

 5.4.3 Health Services Department..... 23

 5.4.4 Inspectional Services Department..... 24

 5.4.5 Electric Utility..... 24

5.5 Other Environmental Records..... 24

6.0 INTERVIEWS.....27

 6.1 Current Owner..... 27

 6.2 Key Site Manager..... 27

 6.3 Current Occupants..... 27

 6.4 Current Operators..... 27

 6.5 Past Owners..... 27

 6.6 Local Government Officials..... 27

 6.7 Other Individuals..... 27

7.0 OTHER ENVIRONMENTAL CONSIDERATIONS..... 28

8.0 DATA GAPS..... 29

9.0 FINDINGS AND OPINIONS..... 30

10.0 CONCLUSIONS.....32

11.0 SIGNATURES OF THE ENVIRONMENTAL PROFESSIONAL..... 33

12.0 REFERENCES..... 34

TABLE OF CONTENTS

FIGURES

Figure 1 - Locus Map..... 36
 Figure 2 - Site Plan..... 37

LIST OF APPENDICES

Appendix A: Scope of Services.....38
 Appendix B: Photograph Log.....42
 Appendix C: Questionnaires / Checklists..... 46
 Appendix D: User-Provided Documents..... 55
 Appendix E: Sanborn Fire Insurance Maps..... 57
 Appendix F: Topographic Maps..... 70
 Appendix G: Aerial Photographs.....92
 Appendix H: City Directories..... 108
 Appendix I: Environmental Data Resources, Inc. Radius Report..... 152
 Appendix J: Local Records..... 655
 Appendix K: Other Environmental Records..... 666
 Appendix L: Qualifications of Environmental Professional..... 1105

EXECUTIVE SUMMARY

Weston & Sampson Engineers, Inc. (Weston & Sampson), on behalf of Franklin County Council of Governments (FRCOG), has prepared this Phase I Environmental Site Assessment (ESA) for a 0.353-acre vacant property located at 38 Avenue A in the Village of Turners Falls, Town of Montague, Franklin County, Massachusetts (the Subject Property).

Findings of the Phase I ESA are as follows:

- The Subject Property consists of a grass-covered lot. Between 1884 and 1966, a large commercial building occupied the Subject Property. This building was primarily a hotel with various commercial occupants. Numerous additions occurred until the majority of the Subject Property was occupied completely by building. In 1974, a Cumberland Farms was constructed on the Subject Property and operated until 1993. The former building was used for office space and town events until it was demolished in 2023. Since 2023, the Subject Property has remained a grass-covered vacant lot with picnic tables for use as a public park. The former Cumberland Farms included five (5) underground storage tanks (USTs) that were installed in 1974 and removed in 1993. Confirmatory soil and/or groundwater sampling was not documented when the USTs were removed. The likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the former gasoline USTs is considered a Recognized Environmental Condition (REC).
- The area surrounding the Subject Property has been occupied by commercial and residential properties since downtown Turners Falls was developed in the late 1800s. During the late 1800s to mid 1900s, buildings associated with the historical Subject Property hotel, occupied the western adjacent property. Between approximately 1940 and 1952, a portion of a westerly adjoining former building (historically an auto warehouse then a printing company) may have partially occupied the corner of the Subject Property. Two (2) gasoline USTs were associated with this former building with at least one of the gasoline tanks located on or near the Subject Property along Second Street. Additional information regarding the historical gasoline tanks was not obtained. Therefore, the likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the gasoline UST located on or near the western boundary, is considered a REC.
- Pioneer Litho Company adjoined the Subject Property to the west from the 1950s through 1980s. Information regarding the associated handling and storing practices, which were associated with the printing operations, was not obtained. The likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the former adjoining printing operation, is considered a REC.
- The Heritage State Park [Massachusetts Department of Conservation and Recreation (DCR)], including Great Falls Discovery Center, adjoins the Subject Property to the north and west. These properties were identified on environmental databases. The Subject Property was included with a larger area that was part of the Heritage State Park development area in the late 1980s through 1990s. Development activities included subsurface investigations that identified a release on adjoining properties (north and west). Massachusetts Department of Environmental Protection (MassDEP) release tracking number (RTN) 1-00004943 was assigned to the release in May 1988. Based on the remedial activities completed, distance from the Subject Property, the inferred downgradient locations, and/or lack of identified impacted groundwater, the release identified during the Heritage State Park development activities is considered a historical REC (HREC).

Weston & Sampson recommends that a Phase II ESA be completed to address the identified RECs and characterize the Subject Property for redevelopment. A Scope of Work and Cost Estimate will be provided under separate cover, as requested.

1.0 INTRODUCTION

Weston & Sampson Engineers, Inc. (Weston & Sampson), on behalf of Franklin County Council of Governments (FRCOG), has prepared this Phase I Environmental Site Assessment (ESA) for a 0.353-acre vacant property located at 38 Avenue A in the Village of Turners Falls, Town of Montague, Franklin County, Massachusetts (the Subject Property). This ESA was funded by a Cooperative Agreement between the FRCOG and the EPA through a Brownfields Assessment Grant (BF ENG624-0660).

The Subject Property is currently a vacant grass-covered lot with landscaped areas and trees. **Figure 1** shows the general location of the Subject Property in Turners Falls and **Figure 2** is a Site Plan showing pertinent details and surrounding area. **Appendix B** is a photograph log from the Subject Property reconnaissance.

This ESA was performed in accordance with the ASTM Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process, Designation E1527-21 (the ASTM Standard Practice) and conforms with the EPA All Appropriate Inquiry (AAI) Rule. The Phase I ESA was performed to assess the Subject Property with respect to the range of potential contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601). This Phase I ESA was also conducted in accordance with applicable portions of the Oil and Hazardous Material Release Prevention and Response Act - Massachusetts General Law Chapter 21E (MGL c. 21E). This practice is intended to help FRCOG meet any obligations detailed in **Section 4.8**.

1.1 Purpose

Weston & Sampson was requested by FRCOG to complete an ASTM Phase I ESA of the Subject Property in advance of Montague's (the "Town") purchase or anticipated property transfer by the Village or Town for the potential future construction of a primary library branch. This practice is intended to permit FRCOG and the Town to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice" as defined in 42 U.S.C. § 9601(35)(B).

The purpose of the Phase I ESA is to identify Recognized Environmental Conditions (RECs) in connection with the Subject Property at the time of the Subject Property evaluation. The term Recognized Environmental Condition refers to "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of future release to the environment."

The ASTM definition of REC does not include de minimis conditions, which generally do not present a threat to human health or the environment and would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies.

The identification of RECs in connection with the Subject Property may impose an environmental liability on owners or operators of the Subject Property, reduce its value, or restrict its use or marketability. Further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities.

Any significant scope-of-work additions, deletions or deviations to ASTM Practice E1527-21 are noted below or in pertinent sections of this report.

1.2 Scope of Work

This Phase I ESA was conducted using a standard of good commercial and customary practice consistent with the ASTM Standard Practice and included the following tasks:

- Review of previous environmental records and reports (if available)
- Regulatory records review
- Interviews (in-person, via phone, or via questionnaire)
- A Subject Property visit
- Evaluation of information and preparation of the report

Any significant scope-of-work additions, deletions, or deviations to the ASTM Standard Practice are noted below or in the corresponding sections of this report. A copy of the scope of services between Weston & Sampson and FRCOG, specifying the work to be performed and responsibilities of the User, is included in **Appendix A**.

Releases of contaminants not defined as hazardous substances under CERCLA, but for which state or tribal regulations may require cleanup (including "emerging contaminants"), if documented, are discussed in appropriate sections throughout this report and as findings in Section 9. In accordance with the ASTM Standard Practice, if such a release presents a "risk which can have material environmental or environmentally driven impact on the business associated the current or planned use," it is further defined as a Business Environmental Risk (BER) in Section 9.

Unless requested, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. Although this Phase I ESA considers releases to all environmental media, including soil vapor, a formal vapor encroachment screening is not required by the Standard Practice, and is not included in this report.

1.3 Significant Assumptions

There is a possibility that, even with the proper application of these methodologies, there may exist Subject Property conditions that were not reasonably identifiable. Weston & Sampson believes that the information obtained from the record review and the interviews is reliable; however, Weston & Sampson cannot, and does not, warrant or guarantee that the information provided by third-party sources is accurate or complete. The methodologies of this assessment are not intended to produce all-inclusive or comprehensive results, but to provide FRCOG with information relating to the presence or likely presence of RECs in connection with the Subject Property.

1.4 Limitations and Exceptions

The findings, opinions, and conclusions provided by Weston & Sampson are based solely on the information provided in this document. Future investigations and/or information that was not available to Weston & Sampson may result in a modification of the report findings. Should additional information become available, that information should be provided to Weston & Sampson for review so that the report conclusions may be modified if necessary. The report conclusions are based on conditions observed at the Subject Property at the time of the investigation, information provided by FRCOG, information provided by Environmental Data Resources, Inc. (EDR), and information provided by federal, state, and local agencies.

This report has been prepared in accordance with the ASTM Standard Practice and generally accepted engineering and geological practices. No other warranty, express or implied, is made. This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist at the Subject Property.

Section 4.6.2 of ASTM E1527-21 identifies five (5) components of a Phase I ESA that must be conducted or updated within 180 days prior to the date of acquisition, or the transaction, to maintain continued viability of the Report. The five (5) components and the dates on which they were conducted for this Phase I ESA are:

- 1) Interviews with owners, operators, and occupants — October 21, 2024
- 2) Searches for recorded environmental cleanup liens - October 23, 2024
- 3) Reviews of federal, tribal, state, and local government records - October 15, 2024
- 4) Visual inspections of the Subject Property and adjoining properties - October 21, 2024
- 5) The declaration of the environmental professional responsible for the assessment or update - January 28, 2025

1.5 Deviations

Except for the limitations and exceptions discussed in **Section 1.4**, this Phase I ESA complies with the ASTM Standard Practice. Weston & Sampson did not deviate from the scope outlined in **Section 1.2**.

1.6 Special Terms and Conditions

Authorization was given by FRCOG on October 18, 2024. Instructions as to the location of the Subject Property, access, and an explanation of the Subject Property and facilities to be assessed were provided by FRCOG.

1.7 Reliance

This report may be distributed and relied upon only by FRCOG, the Town, and EPA. Reliance on the information and conclusions in this report by any other person or entity is not authorized without the written consent of Weston & Sampson, FRCOG, the Town, and EPA.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 Location and Legal Description

The Subject Property is located on the northern corner of the intersection of Avenue A and South Street at 38 Avenue A, in the Village of Turners Falls, Town of Montague, Franklin County, Massachusetts (MA), and is identified by Parcel Identification No.: 04-0-0041. Legal Reference: 2474 (Book) 334 (Page). The Franklin County Registry of Deeds provided the following legal description:

"Beginning, at a point on the north line of Avenue A, said point also being on the east line of Second Street; hence proceeding N. 51 degrees 4 feet 38 inches W. a distance of one hundred thirty-nine and sixty one-hundredths (139.60) feet to a point; thence proceeding N. 38 degrees 13' 22" E. a distance of one hundred ten and no one-hundredths (110.00) feet to a point, this last course being along land now or formerly of Edwin A. Gillespie, Jr. : thence proceeding S. 51 degrees 44 feet 38 inches E. a distance of one hundred thirty-nine and sixty one-hundredths (139.60) feet to a point on the north line of said Avenue A land now or formerly of Western Massachusetts Electric Company; thence proceeding S. 38 degrees 15 feet 22 inches W. a distance of one hundred ten and no one-hundredths (110.00) feet to a point, being the place of beginning. containing by estimation fifteen thousand three hundred fifty-six (15356) square feet.

Subject to a twenty (20') foot right of way to Edwin A. Gillespie, Jr. by deeds recorded in the Franklin County Registry of Deeds Book 1193, Page 478, Book 1193, Page 431, Book 1133, Page 434.

Being Parcel Two of plan of land entitled "Turners Falls Heritage Park in Montague, Massachusetts surveyed for the Commonwealth of Massachusetts Department of Environmental Management" dated July 25, 1985. Almer B. Huntley Jr. & Associates, Inc., surveyors, 127 Pleasant Street, Northampton, Massachusetts, to be recorded in the Franklin County Registry of Deeds.

Being the same premises conveyed to V.S.H. Realty, Inc. by deed dated February 12, 1974, and recorded in Franklin County Registry of Deeds, Book 1381, Page 23."

The approximate center of the Subject Property is located at:

- Latitude: 42.609205 North
- Longitude: -72.556310 West

2.2 Subject Property and Vicinity Description

The Subject Property consists of a grass-covered lot comprised of landscaped areas and several trees. Paved sidewalks extend across the southern and eastern boundaries. Topography slopes generally north in the direction of the nearby Connecticut River and associated canal. The Subject Property is accessed from all sides including a MA Department of Conservation and Recreation (DCR) park (Heritage Park) and associated paved-parking lot to the north and west, respectively, and sidewalks and public roads to the south and east.

The surrounding area is primarily of mixed use consisting of downtown commercial businesses, apartments and a DCR park (Turners Falls Heritage Park in Montague, Massachusetts including Great Falls Discovery Center).

2.3 Current Use of the Subject Property

The Subject Property is zoned Central Business (CB) and is currently a vacant grass-covered lot. Picnic tables are located in the approximate southern portion of the Subject Property for public use.

2.4 Description of Structures and Other Improvements

The Subject Property consists of a grass-covered lot with limited landscaped areas, including trees, and concrete sidewalks along the eastern and southern boundaries. Picnic tables are located in the southern portion of the site for patrons to use. Utility poles with overhead electric and telephone lines also stretch along the eastern and southern boundaries (Avenue A and Second Street). A municipal owned fire hydrant is located in the approximate center of the eastern Subject Property boundary.

The Village of Turners Falls supplies municipal drinking water. Sanitary wastewater is discharged to the municipal sanitary sewer system that is operated by the Town of Montague. A storm water system is also located in the Subject Property area and includes catch basins along the eastern and southern boundaries. Electricity is provided by Eversource Energy. Natural gas is provided by Berkshire Gas.

2.5 Adjoining Property Information

Adjoining properties consist of mixed-use occupants (commercial, residential, and recreational). Weston & Sampson identified the following information regarding adjoining properties:

Adjoining Properties			
Compass Direction	Occupant	Apparent Use	Comments
North	Great Falls Discovery Center/Heritage Park	DCR park.	Great Falls Discovery Center (2 Avenue A) is housed within a complex of old mill buildings and provides exhibits showcasing the Connecticut River watershed. Landscaped areas, including park benches and paved walkways, surround the buildings.
East	Shady Glen Restaurant	Commercial	Located across Avenue A is a restaurant building (7 Avenue A) with paved parking spaces and limited landscaped areas.
Southeast	Commercial Tenants and Apartments	Mixed Use	Located across Avenue A is a building (23 Avenue A) with commercial and residential spaces and paved parking areas. The commercial space appears vacant. The entrance to First Street Alley begins.
South	Ce Ce's Chinese Restaurant, Subway, and Breakdown Records	Commercial	Located across the intersection of Avenue A and Second Street is a commercial building (51-59 Avenue A) with paved parking spaces and limited landscaped areas.
Southwest	Commercial Tenants and Apartments	Mixed Use	Located across Second Street is a mixed use commercial and residential building (54 Avenue A) and a residential building (30 Second Street). Commercial occupants include The Country Creemee, Gary's Coins & Antiques and Montague Community Television (54 Avenue A). Limited landscaped areas surround both buildings.
West	DCR Parking and Charging Stations	Paved Parking Lot	DCR's paved parking lot, that includes an electric vehicle charging station and limited landscaped areas with walking paths (34 Second Street) abuts the Subject Property.

3.0 SITE RECONNAISSANCE

Melissa D. Davis, Senior Project Manager, and Joseph R. Spencer, CHMM, LSP, both of Weston & Sampson, conducted the site reconnaissance on October 21, 2024. Weston & Sampson was unaccompanied. Mr. Walter Ramsey, AICP, of the Town, and Chris Nolan-Zeller, who is associated with the Montague Economic Development and Industrial Corporation (MEDIC), the current Subject Property owner, provided Weston & Sampson with access to the Subject Property. During site reconnaissance activities, the weather was sunny with temperatures in the upper 70s (Fahrenheit), a slight breeze, and no precipitation.

3.1 Methodology and Limiting Conditions

Weston & Sampson conducted the Site Reconnaissance in accordance with Section 9 of the Standard Practice. The Site Reconnaissance consisted of observing the Subject Property boundaries from adjacent thoroughfares and/or accessible properties and systematically traversing the Subject Property to provide an overlapping field of view, wherever possible.

Photographs taken during the Site Reconnaissance are provided in **Appendix B**.

No limiting conditions were encountered during the Site Reconnaissance.

3.2 General Setting

The Subject Property is approximately 0.353 acres and is developed with a vacant grass-covered lot, limited landscaped areas with several trees, and concrete sidewalks along the eastern and southern boundaries. Topography at the Subject Property is generally level with a slight slope down to the north-northwest. The Subject Property is accessed from the east and south via Avenue A and Second Street. Additionally, the Subject Property can be accessed via the westerly adjoining paved parking lot and walkways.

The Subject Property area consists of a DCR park (Great Falls Discovery Center/Heritage Park) to the north and west and remaining areas comprise the Turners Falls downtown business area. Further north includes a canal and the Connecticut River with associate recreational spaces. Single and multi-family residential buildings surround the downtown area.

3.3 Site Reconnaissance Findings

The following table contains a summary of the Site Reconnaissance findings:

Site Reconnaissance Findings Summary		
Condition / Feature	Observed	Comments
Hazardous Substances	No	
Petroleum Products	Yes	Three pole-mounted electrical transformers were observed on a single utility pole located in the approximate southern corner of the Subject Property. Refer below for discussion.
Underground Storage Tanks (USTs)	No	
Aboveground Storage Tanks (ASTs)	No	
Drums	No	
Other Suspect Containers	No	
Odors	No	
Equipment Likely to Contain Polychlorinated Biphenyls (PCBs)	Yes	A single utility pole, located in the southern corner of the Subject Property, contained three, single-mounted transformers. No labels were noted. No indications of hazardous substances and/or petroleum product

Condition / Feature	Observed	Comments
		releases were observed on the transformers or on the ground surface immediately below the transformers.
Interior Staining and Corrosion	No	Not Applicable
Heating and Cooling Equipment	No	Not Applicable
Drains and Sumps	Yes	Stormwater drains were located along the adjoining public streets. No indication of hazardous substances and/or petroleum product (sheen, odor) were observed within the drains.
Pits, Ponds, and Lagoons	No	
Pools of Liquid	No	
Solid Waste Dumping and Landfills	Yes	An approximate 55-gallon container lined with a commercial-grade trash bag and covered with a lid was observed in the southern portion of the Subject Property near the picnic tables. No indications of hazardous substances and/or petroleum products were observed within the trash receptacle, which contained typical household waste.
Stained Soil and Stressed Vegetation	No	
Wells	Yes	One apparent groundwater monitoring well was observed in the approximate center of the western portion of the Subject Property. Weston & Sampson did not open and remove the lid of the groundwater monitoring well. The lid was flush mount and appeared in good functioning condition. This monitoring well is likely associated with environmental investigations performed to assess conditions resulting from a former on-site convenience store with motor fuel operations and/or the planning associated with the Heritage Park development. Further discussion is provided in Sections 5.2 (Historical Records Review), 5.3 (Standard Environmental Records Review), 5.4 (Local Records) and 7.0 (Other Environmental Considerations).
Wastewater and Septic Systems	Yes	Manholes and catch basins, likely associated with municipal sewer and stormwater, were observed in the adjoining streets. No indication of hazardous substances and/or petroleum products were observed within these structures.

4.0 USER-PROVIDED INFORMATION

The information requested in the User Questionnaire is intended to assist the User in meeting their obligations under the ASTM Standard Practice and to assist the Environmental Professional in gathering evidence to identify RECs. FRCOG was identified as the User of the report and Jessica Atwood, FRCOG's Director of Planning, provided the User responses. A copy of the User Questionnaire is provided in **Appendix C**. The following subsections summarize User responses.

4.1 Owner, Property Manager, and Occupant Information

Montague Economic Development and Industrial Corporation (MEDIC), with offices at 1 Avenue A, Montague, Massachusetts, owns and operates the Subject Property. Walter Ramsey, Montague's Town Administrator, has been associated with the Subject Property for the past 14 years. Walter Ramsey provided access to the Subject Property on October 21, 2024 and completed the Owner Questionnaire, which is provided in **Appendix C**. Mr. Ramsey was not aware of any closure documentation associated with the USTs associated with the former C-Store.

The Subject Property is currently unoccupied.

4.2 Environmental Liens

EDR was contracted to conduct an Environmental Lien and Activity and Use Limitation (AUL) search of the Subject Property. EDR indicated that there are no environmental liens associated with the Subject Property. However, EDR identified two other AULs that are associated with an area that includes the Subject Property. A copy of the report is provided in **Appendix K**. Both identified AULs are discussed further in **Sections 4.3** and **5.5**.

4.3 Activity and Use Limitations

The following Activity and Use Limitations (AULs) were identified for the Subject Property:

Activity and Use Limitation, recorded on June 23, 2000

- The Subject Property was identified as a location within a larger development (Heritage Park) area.
- The AUL is associated with RTN 1-00494 that was for the Heritage Park (Great Falls Discovery Center) development activities that occurred in the late 1980s/1990s. The RTN was associated with a larger area that included numerous parcels, including the Subject Property; however, the AUL was not for the Subject Property.
- Activities and uses consistent with the AUL Opinion and maintaining NSR included usage of the disposal site for parking and access to the Great Falls Discovery Center and other activities that do not present a greater risk of harm to health, safety, public welfare, or the environment.
- Activities inconsistent with the AUL included excavation and construction activities that disrupt the existing paved parking areas and concrete sidewalk.
- As discussed further in **Section 5.5**, this AUL was reportedly terminated in approximately 2003-2005.

Order of Conditions (OOC), recorded on July 8, 2003

- This OOC was filed with MassDEP and was issued from the Montague Conservation Commission to the MEDIC and the Town of Montague.
- This document was filed during the redevelopment of a larger area that included the Subject Property for the Heritage Park (Great Falls Discovery Center) and was issued under the Wetlands Protection Act.
- The OOC stated specific requirements for the planned redevelopment and construction activities, such as erosion and sediment control measures, inclusion of a Commission representative during preconstruction meetings, and revegetation of disturbed areas with non-invasive native species.

4.4 Specialized Knowledge

Jessica Atwood, of FRCOG, reported no specialized knowledge as it relates to the current and/or former use of the Subject Property.

4.5 Commonly Known or Reasonably Ascertainable Information

Walter Ramsey, AICP, Montague Town Administrator, and Chris Nolen-Zeller, associated with MEDIC, reported the following commonly known or reasonably ascertainable information for the Subject Property:

- The Subject Property was formerly occupied by a convenience store with retail motor fuel sales (Cumberland Farms).
- The Subject Property was part of a larger development area referenced as Heritage Park (Great Falls Discovery Center).

4.6 Valuation Reduction for Environmental Issues

Walter Ramsey, AICP, Montague Town Administrator, and Jessica Atwood, FRCOG, reported no reduction in the value of the Subject Property due to real or perceived environmental issues. The Subject Property will likely be transferred from MEDIC to the Town without payment.

4.7 Degree of Obviousness of Contamination

Walter Ramsey, AICP, Montague Town Administrator, reported indicators that point to the presence or likely presence of contamination at the Subject Property including:

- A former convenience store with retail motor fuel sales at the Subject Property.

4.8 Reason For Performing Phase I ESA

FRCOG reported that the Phase I ESA is being conducted to assist in satisfying one of the requirements to qualify for CERCLA landowner liability protections and is being conducted as part of environmental due diligence prior to transfer of the property.

4.9 User-Provided Documents

FRCOG did not provide any additional documents for review pertinent to the identification of RECs at the Subject Property.

5.0 RECORDS REVIEW

Performance of a Phase I ESA in accordance with the ASTM Standard Practice requires the review of practically reviewable publicly available records to define the regulatory history, physical setting, and history of use of the Subject Property, adjoining properties, and pertinent surrounding properties. The regulatory review is performed to understand the nature of any releases that have occurred within approximate minimum search distances of the Subject Property that have the potential to impact environmental media (i.e. soil, groundwater, and vadose zone) at the Subject Property. Physical setting information is reviewed to evaluate the general soil conditions and the presence and movement of groundwater. Historical information sources are evaluated to develop the historical Subject Property uses, to the extent feasible, back to the first development Site or 1940, whichever is earlier. These reviews help identify the likelihood that past releases and/or uses have led to RECs.

Weston & Sampson used a third-party data provider, EDR of Shelton, Connecticut, to develop this information and meet the requirements of the ASTM Standard Practice. All data sources are defined in the following sections of this report and are referenced in **Appendices E, F, G, H, and I**.

Weston & Sampson may have reviewed other records. Any additional records that are reviewed are cited in the appropriate section of the report and in **Section 12.0**.

5.1 Physical Setting Records Review

In accordance with the ASTM Standard Practice, physical setting sources were reviewed to understand the nature of the topography, geology (soil and bedrock), and hydrogeology of the Subject Property. In addition, observations made during the Subject Property reconnaissance and information provided by EDR were consulted. In general, Weston & Sampson reviews available topographic, soil, and geologic maps, as well as observations contained within previous subsurface investigations (as applicable).

5.1.1 Topography

Topography of the Subject Property generally slopes downward toward the north-northwest in the direction of the nearby Montague Power Canal/Connecticut River, which is located approximately 200 feet from the Subject Property. The Subject Property is situated approximately 205 feet above mean sea level. **Figure 1** depicts the Subject Property and surrounding topography based on the United States Geological Survey (USGS) Quadrangle 7.5-minute series topographic map (Greenfield, MA 2021).

5.1.2 Geology

Overburden soil and bedrock geology sources included observation during the Subject Property reconnaissance, the United States Department of Agriculture (USDA) Soil Conservation Service (SCS) information provided by EDR, the online MassGIS, and the United States Geological Survey Bedrock Geologic Map of Massachusetts by Zen, E-an (Editor), 1983. Additionally, information obtained from previous Subject Property subsurface investigations that were identified during the completion of this Phase I ESA (discussed in **Section 5.5**), are included.

5.1.2.1 Soil

The soil consists of the Windsor series loamy sand. The Windsor series consists of very deep, excessively drained soils formed in sandy outwash or eolian deposits. They are nearly level through very steep soils on glaciofluvial landforms. Slope ranges from 0 through 60 percent. Saturated hydraulic conductivity is high or very high. Mean annual temperature is about 50 degrees Fahrenheit and annual precipitation averages 43 inches.

Information obtained from subsurface investigations performed on the Subject Property in 1988 (discussed further in **Section 5.5**) identified sand and gravel overlying shallow bedrock. Varying amounts of fill material were also reported (brick, ash etc) in the shallow soils. Bedrock refusal was encountered between 4.5 to 10 feet below ground surface (bgs).

5.1.2.2 Bedrock

Bedrock geology at the Subject Property consists of the Mesozoic Era, Triassic System and Series and Tr code. More specifically, bedrock underlying the Subject Property and immediate area include the Turners Falls sandstone. Bedrock was not observed during the Subject Property reconnaissance but was observed on northerly-located properties at outcrops. As noted in **Section 5.5**, bedrock is located between 4.5 and 10 feet bgs at the Subject Property based on previous subsurface investigations.

5.1.3 Hydrogeology

The direction of local groundwater flow was inferred from a review of local surface topography and a review of regulatory records for surrounding area properties. Weston & Sampson reviewed topographic maps to identify the nearest surface water bodies and MassDEP records for reports of groundwater elevations and flow directions. MassDEP reports reviewed are discussed further in **Section 5.5** (Other Environmental Records).

5.1.3.1 Groundwater

It is anticipated that local groundwater flow is to the north-northwest toward the Montague Power Canal and Connecticut River. Due to the presence of numerous buried utilities, repeated construction, filling and/or roadway construction activities and the presence of shallow bedrock, groundwater flow direction may be counter to those expected. Additionally, during previous Subject Property subsurface investigations (discussed further in **Section 5.5**), shallow groundwater was not encountered up to approximately 15 feet bgs.

5.1.3.2 Surface Water

The nearest surface water is the Montague Power Canal/Connecticut River, located approximately 200/250 feet north-northwest of the Subject Property.

5.2 Historical Records Review

For this Phase I ESA, historical property information was compiled and analyzed to develop a history of the previous uses of the Subject Property, adjoining properties, and surrounding area to help identify the likelihood of past uses having led to a REC for the subject property. EDR provided the following historical sources: Sanborn fire insurance maps, aerial photographs, topographic maps, and city directories.

5.2.1 Sanborn Fire Insurance Maps

Sanborn fire insurance maps were reviewed and are summarized in the table below. Fire insurance maps are included in **Appendix E**.

Sanborn Fire Insurance Maps Summary			
Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1884	A large building occupied by Farren Hotel, hardware store, and drug store. Historical addresses included part of 407 Second Street and 408-409 Second Street.	North: Lumber yard associated with sawmill. East: Avenue A followed by lumber storage Southeast: Avenue A followed by a commercial building (grocery and bookstore) South: Avenue A/Second St intersection followed by Howard Hotel. Southwest: Commercial building (offices and post office). West: Second Street followed by dwellings and Rocky Hill.	Developed with commercial, industrial and residential properties. Canal was present. Montague Paper Mill adjacent to canal. Turners Falls Water Power Corp buildings.

Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
		Carriage shed and large outbuilding (partially on Subject Property)	
1889	A large building occupied by Farren Hotel, storage, office, and barber shop. Historical addresses included part of 407 Second Street and 408-409 Second Street.	North: Lumber yard associated with sawmill. East: Avenue A followed by a vacant lot. Southeast: Avenue A followed by a commercial building (dining room and bookstore) South: Avenue A/Second St intersection followed by Howard Hotel. Southwest: Commercial building (offices and post office). West: Second Street followed by dwellings and Rocky Hill. Carriage Shed and large outbuilding (partially on Subject Property).	Developed with commercial, industrial and residential properties. Canal was present. Montague Paper Mill adjacent to canal. Turners Falls Water Power Corp buildings.
1895	A large building occupied by Farren Hotel, storage, hardware store, offices, barber shop, and undertaker. The undertaker occupies the southernmost unit of the building. Historical addresses included part of 407 Second Street and 408-409 Second Street.	North: Lumber yard associated with sawmill (cord wood piles). East: Avenue A followed by a vacant lot. Southeast: Avenue A followed by a commercial building (meat and offices) South: Avenue A/Second St intersection followed by Howard Hotel. Southwest: Commercial building (offices, bank, and post office). West: Second Street followed by dwellings and Rocky Cliff (formerly hill). Carriage Shed and large outbuilding (partially on Subject Property).	Developed with commercial, industrial and residential properties. Canal was present. Montague Paper Mill adjacent to canal. Turners Falls Water Power Corp buildings.
1902	A large building occupied by Hotel Riley, storage, hardware store, offices, and barber shops. An addition was constructed to the western corner of the building and is referenced as storage. Historical addresses included part of 407 Second Street and 408-409 Second Street.	North: Lumber yard associated with sawmill (cord wood piles). East: Avenue A followed by a vacant lot. Southeast: Avenue A followed by a commercial building (vacant and offices). South: Avenue A/Second St intersection followed by a band stand and vacant lot. Southwest: Commercial building (offices, bank, and post office). West: Second Street followed by dwellings and Rocky Cliff (formerly hill). Carriage Shed and large outbuilding (partially on Subject Property).	Developed with commercial, industrial and residential properties. Canal was present. Montague Paper Mill adjacent to canal. Turners Falls Water Power Corp buildings.
1909	A large building occupied by Hotel Grand Trunk, offices, hardware store, cafe, and dining	North: Lumber yard associated with sawmill (cord wood piles). East: Avenue A followed by a	Developed with commercial, industrial and residential properties. Canal was present.

Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
	<p>room. Historical addresses included part of 407 Second Street and 408-409 Second Street.</p>	<p>vacant lot. Southeast: Avenue A followed by a commercial building (jewelry store, toy & bookstore, offices and barber shop). South: Avenue A/Second St intersection followed by a band stand and vacant lot. Southwest: Commercial building (offices, bank, and post office). West: Second Street followed by dwellings and Rocky Cliff (formerly hill). Carriage Shed and large outbuilding (partially on Subject Property).</p>	<p>Montague Paper Mill adjacent to canal. Turners Falls Machine Company further northeast.</p>
<p>1914</p>	<p>A large building occupied by Hotel Grand Trunk, offices, hardware store, cafe, barber shop, and dining room. Historical addresses included 14-24 Avenue A, 33-35 Second Street, part of 407 Second Street, and 408-409 Second Street.</p>	<p>North: Lumber yard associated with sawmill (cord wood piles). East: Avenue A followed by a vacant lot. Southeast: Avenue A followed by a commercial building (jewelry store, toy & bookstore, offices and barber shop). South: Avenue A/Second St intersection followed by a band stand and vacant lot. Southwest: Commercial building (offices, bank, and post office). West: Second Street followed by dwellings and Rocky Cliff (formerly hill). Carriage Shed and large outbuilding (partially on Subject Property).</p>	<p>Developed with commercial, industrial and residential properties. Canal was present. Montague Paper Mill adjacent to canal. Turners Falls Machine Company further northeast.</p>
<p>1940</p>	<p>A large building occupied by numerous commercial spaces. The entire Subject Property is primarily occupied by buildings. The western boundary of the Subject Property is partially occupied by an Auto Storage building (concrete floor and steel posts). An inground gasoline tank is depicted near the western corner of the Subject Property and Second Street. A vacant structure connects the Auto Storage with the front commercial building (former hotel/current commercial spaces, and town offices). An alley is located in the northern/eastern portion of the Subject Property. Historical addresses noted as 14-24 Avenue A, part of 29 Second Street, and 33-35 Second Street.</p>	<p>North: A filling station (2 Avenue A). East: Avenue A followed by a vacant lot. Southeast: Avenue A followed by a commercial building (jewelry store, toy & bookstore, offices and barber shop). South: Avenue A/Second St intersection followed by a commercial building (store and print shop). Southwest: Commercial building (offices, bank, and post office). West: Second Street followed by dwellings. An auto storage building, with two gasoline underground storage tanks depicted along Second Street, share a boundary with the Subject Property.</p>	<p>Developed with commercial, industrial and residential properties. Canal was present. Turners Falls Power Company present further north and northeast.</p>

Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1952	A large building occupied by numerous commercial spaces. The entire Subject Property is primarily occupied by buildings. The western boundary of the Subject Property is partially occupied by an Auto Storage building (concrete floor and steel posts). An inground gasoline tank is depicted near the western corner of the Subject Property and Second Street. A vacant structure connects the Auto Storage with the front commercial building (former hotel/current commercial spaces, and town offices). An alley is located in the northern/eastern portion of the Subject Property. Historical addresses noted as 14-24 Avenue A, part of 29 Second Street, and 33-35 Second Street.	North: A filling station (2 Avenue A). East: Avenue A followed by a vacant lot. Southeast: Avenue A followed by a commercial building (store, restaurant, and offices/hall). South: Avenue A/Second St intersection followed by a commercial building (store and print shop). Southwest: Commercial building (offices, bank, and post office). West: Second Street followed by dwellings. An auto storage building, with two gasoline underground storage tanks depicted along Second Street, share a boundary with the Subject Property.	Developed with commercial, industrial and residential properties. Canal was present. The mill buildings and industrial buildings are primarily vacant or removed.

5.2.2 Topographic Maps

Topographic maps were reviewed and are summarized in the table below. Topographic maps are included in **Appendix F**.

Topographic Maps Summary				
Year	Quad	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1890	Greenfield	Developed Area	Developed Area	Developed Area
1894	Greenfield	Developed Area	Developed Area	Developed Area
1936,1936	Greenfield, Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.
1941	GREENFIELD	Developed Area	Developed Area	Developed Area. The power canal is present.
1943	Brattleboro	Developed Area	Developed Area	Developed Area. The power canal is present.
1945,1946	Greenfield, Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.
1954	Greenfield	Developed Area	Developed Area	Developed Area. The power canal is present.
1968	GREENFIELD	Developed Area	Developed Area	Developed Area. The power canal is present.
1975,1975	Bernardston, Greenfield	Developed Area	Developed Area	Developed Area. The power canal is present.
1977,1979	Bernardston, Greenfield	Developed Area	Developed Area	Developed Area. The power canal is present.
1990,1990	Greenfield, Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.
2012,2012	Greenfield, Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.
2015,2015	Greenfield, Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.

Year	Quad	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
2018,2018	Greenfield,Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.
2021,2021	Greenfield,Bernardston	Developed Area	Developed Area	Developed Area. The power canal is present.

5.2.3 Aerial Photos

Aerial photographs were reviewed and are summarized in the table below. Aerial photographs are included in **Appendix G**.

Aerial Photos Summary			
Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1952	Primarily developed with structures.	North: Trees followed by commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Commercial structures and parked vehicles.	Developed with structures indicative of mixed-uses.
1961	Primarily developed with structures.	North: A commercial structure and structures consistent with demolition or junk yard. No trees. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Consistent with junk yard or debris.	Developed with structures indicative of mixed-uses.
1966	Primarily developed with structures.	North: A commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Structure or paved parking.	Developed with structures indicative of mixed-uses.

Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1972	Appears vacant.	North: Commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Structure or paved parking.	Developed with structures indicative of mixed-uses.
1975	A structure consistent with a commercial building.	North: A large commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Structure or paved parking.	Developed with structures indicative of mixed-uses.
1981	A structure consistent with a commercial building.	North: A large commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Structure or paved parking.	Developed with structures indicative of mixed-uses.
1985	One large commercial-type structure and an associated smaller structure consistent with a convenience store and motor fuel dispensing canopy.	North: A large commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Commercial-type structure.	Developed with structures indicative of mixed-uses.
1990	Poor resolution.	Poor resolution.	Poor resolution.

Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1992	One large commercial-type structure and an associated smaller structure consistent with a convenience store and motor fuel dispensing canopy.	North: A large commercial structure. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Commercial-type structure.	Developed with structures indicative of mixed-uses.
2006, 2010, 2014, and 2018	One commercial building. No canopy-type structure.	North: A park-type development. East: Avenue A followed by commercial-type structures. Southeast: Avenue A followed by commercial-type structures. South: Avenue A and Second Street intersection followed by commercial-type structures. Southwest: Second Street followed by commercial-type structures. West: Paved parking.	Developed with structures indicative of mixed-uses.

5.2.4 City Directories

City directories were reviewed and are summarized in the table below. City directories are included in **Appendix H**.

City Directories Summary			
Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1966	Platkin Building (10-24 Avenue A): apartments, Mrs. Minnie Weidly rooms, vacant, and Pioneer Valley Cablevision, Inc.	North: Escott's Sunoco Station (4 Avenue A) East: Shady Glen Restaurant (7 Avenue A) Southeast: Commercial vacant space and cafe (27-31 Avenue A). South: W E Aubuchon Company Hardware (57-59 Avenue A). Southwest: Crocker Institutions for Savings, Bank Building, Recorder Pub Company, Inc., Optometrist, offices, and Masonic Hall (52-54 Avenue A). West: vacant	Additional street addresses were not provided.
1992	Not Listed	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.

Year	Subject Property Comments	Adjoining Properties Comments	Surrounding Area Comments
1995	Great Falls Discovery Center (38 Avenue A)	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.
2000	Great Falls Discovery Center and United States Government Interior Department (38 Avenue A)	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.
2005	Not Listed	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.
2010	Not Listed	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.
2014	Great Falls Discovery Center (38 Avenue A).	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.
2017	Great Falls Discovery Center (38 Avenue A).	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.
2020	Not Listed	Commercial and residential. No occupants noted as indicative of hazardous substances and/or petroleum products storage and handling.	Additional street addresses were not provided.

5.2.5 Other Land Use Records

Other land use records were reviewed in local records to establish the history of the Subject Property. These records are discussed further in **Section 5.4 (Local Records)**. Pertinent sections are incorporated into the Historical Records Review Summary below in **Section 5.2.6**.

5.2.6 Historical Records Review Summary

The following historical use summary was compiled from a review of Sanborn Fire Insurance Maps, aerial photographs, topographic maps, city directories, and other historical records referenced in this section.

The earliest identified development of the Subject Property was in 1884. Between approximately 1884 and 1966 a large commercial building occupied the Subject Property. This building was primarily used as a hotel with various commercial occupants (barber shop, hardware store, town offices, cafe, dining room, and undertaker) throughout its history. Hotel names included Farren Hotel, Hotel Grand Trunk, and Riley Hotel. Numerous additions were added to the structure until the majority of the Subject Property was occupied completely by the building (1966).

The historical Subject Property hotel building was demolished between approximately 1966 and 1972. In 1974, a convenience store with retail motor fuel dispensing operations (Cumberland Farms) was developed on the Subject Property. This development included an approximately 40' by 55' (2,200 square

foot) one-story slab-on-grade convenience store building (northern portion) and an associated fuel dispenser canopy (south of the building). The remaining areas were surrounded by paved parking and drives and concrete paved sidewalks along Avenue A and Second Street. Cumberland Farms operated on the Subject Property until approximately 1993, at which time, the five gasoline steel USTs, associated inground piping, and vents were removed. These USTs are discussed further below in **Sections 5.3, 5.4, and 5.5**.

The building was occupied as offices for MEDIC, office and storage space for the northerly-located Great Falls Discovery Center, and for town events, until it was demolished in 2023. Since 2023, the Subject Property has remained a grass-covered vacant lot with picnic tables for use as a public park.

The area surrounding the Subject Property has been occupied by mixed use commercial and residential properties since downtown Turners Falls was developed in the late 1800s. Commercial properties have included grocery stores, banks, bookstores, hardware stores, offices, and restaurants.

During the late 1800s to mid 1900s, stables, warehouse, and storage buildings, associated with the historical Subject Property hotel building, occupied the western adjacent property. Between approximately 1940 and 1952, a portion of a westerly adjoining former building (historically an auto warehouse and later Pioneer Litho Company) may have partially occupied the corner of the Subject Property or was located on the boundary. Two gasoline USTs were associated with this former building with at least one of the gasoline tanks located on or near the western corner of the Subject Property along Second Street. Additional information regarding the historical gasoline tanks was not obtained. Additionally, lithography operations likely included the handling and/or storing of hazardous substances and/or petroleum products.

The northerly adjoining property was utilized for lumber storage from approximately the late 1800s through early 1900s followed by a gasoline service station (most recently Escott Sunoco Service Station) from approximately 1940 to at least 1992. Additional information regarding the former northerly adjoining gasoline service station is discussed below in **Section 5.3**.

5.3 Standard Environmental Records Review

A review of standard regulatory databases maintained by federal, state, and tribal offices was completed through EDR. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by the ASTM Standard Practice. As a part of this regulatory review, other non-ASTM standard database listings reported by EDR may have also been evaluated. In these cases, this section includes a supplemental discussion of any findings and our opinion as it relates to the identification of RECs. The detailed EDR Radius report, including the mapping of results and limitations of the search criteria, is contained in **Appendix I**.

The databases use geocoded information to identify the coordinates of the properties or to check the street addresses of practically reviewable non-geocoded orphan properties located within the same zip code. The EDR report defines acronyms that are not explicitly defined in this discussion, lists the names of all of the databases that were searched, the date information was last updated by EDR, and the date information was last updated by the original source.

Plotted locations of all database listings are not always accurate. For listings that are suspected to be inaccurate, Weston & Sampson uses the best available data when evaluating listing locations.

The table below summarizes the number of properties identified for each database. Available records for each of the identified listings were reviewed to assess the potential to impact the Subject Property. In general, releases with sources that are proximate to, and hydraulically upgradient of, the Subject Property have the greatest potential to impact it. Weston & Sampson reviewed the location of each listing to determine if it met these criteria. If one or more of the following conditions were met, the database listing may have been excluded from further consideration:

- Hydrogeologically isolated from the Subject Property (e.g., opposite bank of a river);

- At such distance that migration of contaminants to the Subject Property is unlikely (i.e. greater than 0.25-mile upgradient for hazardous substance sites and greater than 500 feet for petroleum sites); or
- Groundwater flow from the listed property is away from the Subject Property.

Those listings that were not excluded were evaluated in more detail to assess if they pose a threat. For these listings, summary tables are provided that include Weston & Sampson's opinion as to whether the Subject Property is likely to be impacted. References to MassDEP reports that were reviewed are included in **Section 12.0**.

The Subject Property was identified in four (4) databases searched by EDR.

Several database listings associated with the Subject Property, adjoining properties, or nearby properties, etc. were identified as requiring further review. These listings are discussed in the detail summary tables below. No other listings, including unmapped 'orphan' listings, were identified by Weston & Sampson as likely to have current or former releases with the potential to migrate to the Subject Property.

Map Findings Summary								
Database	Target Property	Search Distance (Miles)	Listings <1/8-mile	Listings 1/8-1/4-mile	Listings 1/4-1/2-mile	Listings 1/2-1-mile	Listings >1-mile	Total Listings
NPL	0	1	0	0	0	0	NR	0
Proposed NPL	0	1	0	0	0	0	NR	0
NPL LIENS	0	1	0	0	0	0	NR	0
Delisted NPL	0	1	0	0	0	0	NR	0
FEDERAL FACILITY	0	0.5	0	0	0	NR	NR	0
SEMS	0	0.5	1	0	1	NR	NR	2
SEMS-ARCHIVE	0	0.5	1	0	0	NR	NR	1
CORRACTS	0	1	0	0	0	0	NR	0
RCRA-TSDF	0	0.5	0	0	0	NR	NR	0
RCRA-LQG	0	0.25	0	0	NR	NR	NR	0
RCRA-SQG	0	0.25	0	0	NR	NR	NR	0
RCRA-VSQQ	0	0.25	1	2	NR	NR	NR	3
LUCIS	0	0.5	0	0	0	NR	NR	0
US ENG CONTROLS	0	0.5	0	0	0	NR	NR	0
US INST CONTROLS	0	0.5	0	0	0	NR	NR	0
ERNS	0	TP	NR	NR	NR	NR	NR	0
LUCIS	0	0.5	0	0	0	NR	NR	0
FEMA UST	0	0.25	0	0	NR	NR	NR	0
MA UST	1	0.25	3	4	NR	NR	NR	7
MA LUST	0	0.5	0	3	2	NR	NR	5
MA SWF/LF	0	0.5	0	0	0	NR	NR	0
MA SHWS	0	1	9	3	4	8	NR	24
MA INST CONTROL	0	0.5	2	0	0	NR	NR	2
MA BROWNFIELDS	0	0.5	2	0	0	NR	NR	2
MA LAST	0	0.5	0	1	2	NR	NR	3
MA AST	0	0.25	0	1	NR	NR	NR	1
INDIAN LUST	0	0.5	0	0	0	NR	NR	0
INDIAN UST	0	0.25	0	0	NR	NR	NR	0
INDIAN VCP	0	0.5	0	0	0	NR	NR	0

Subject Property

Site Name	CUMBERLAND FARMS INC
Databases	MA UST
Address	AVE A & 2ND ST

Distance (ft.)	Subject Property
Direction	Subject Property
Elevation	Subject Property
Comments	<p>The Subject Property is listed in the MassDEP UST database associated with its former use as a convenience store with retail motor fuel sales (Cumberland Farms). Five (5) steel USTs are listed for the facility (Facility ID: 6189), described below:</p> <ul style="list-style-type: none"> - Tank ID #1: a 4,000-gallon tank containing gasoline, installed in 1974 and removed in 1993. - Tank ID #2: a 4,000-gallon tank containing gasoline, installed in 1974 and removed in 1993. - Tank ID #3: a 4,000-gallon tank containing gasoline, installed in 1974 and removed in 1993. - Tank ID #4: a 4,000-gallon tank containing gasoline, installed in 1974 and removed in 1993. - Tank ID #5: a 4,000-gallon tank containing gasoline, installed in 1974 and removed in 1993. <p>MEDIC is listed as the UST's owner. The release detection method and tank top components are not provided. The tank statuses are "removed". However, information regarding subsurface conditions, at the time of the removal, was not provided.</p>

Site Name	HERITAGE STATE PARK TF
Databases	INST CONTROL, RELEASE, SHWS
Address	AVENUE A 1ST 2ND STS
Distance (ft.)	Adjoining Properties (north and west)
Direction	Adjoining Properties (north and west)
Elevation	Lower
Comments	<p>The Heritage State Park, which includes the Great Falls Discovery Center, was identified as a Release, SHWS, and Institutional Control facility. As previously noted in Section 5.2, the Subject Property was included with a larger area that was part of the Heritage State Park development area. Development activities included subsurface investigations that identified a release on adjoining properties (north and west). MassDEP RTN 1-00004943 was assigned to the release on May 15, 1988. Release response activities included a Class 3 RAO with the assignment of an AUL in June 2000. The Class 3 RAO was invalidated by MassDEP in December 2003 after an audit. Subsequently, the AUL was terminated in September 2004. According to EDR, between 2003 and 2005, numerous submittals were provided to MassDEP. Additional information is discussed further in Section 5.5 including the release closure with a Class A2 RAO in January 2005.</p>

Adjoining and Nearby Properties

Site Name:	PIONEER LITHO INC
Databases:	RCRA NONGEN / NLR
Address:	27 SECOND ST
Distance (ft.)	Westerly-Northwesterly Adjoining
Direction:	west-northwest
Elevation:	Similar
Comments:	<p>EDR identified the westerly adjoining property as a RCRA NONGEN (Resource Conservation and Recovery Act-Non-Generator). As previously noted in Section 5.5, historical operations at this location likely involved the handling and/or storing of hazardous substance and petroleum products associated with printing operations.</p>

Site Name:	ESCOTTS SERVICE STATION, SUNOCO GAS STATION, FORMER SUNOCO STATION
Databases:	EDR HIST AUTO, RCRA NONGEN / NLR, FINDS, ECHO, UST, SHWS, RELEASE, SPILLS
Address:	6 AVENUE A, 4 AVENUE A
Distance (ft.)	Northerly Adjoining
Direction:	North
Elevation:	Lower

Comments:	<p>EDR identified the northerly adjoining property as the location of a historical auto facility, RCRA non generator, FINDs, ECHO, UST, SHWS, Release, and SPILLS facility. As previously noted in Section 5.2.6, this property was occupied by a gasoline service station from approximately 1940 through the early 1990s. The listings identified by EDR are associated with the former use of the property as a gasoline station and operations associated with historical lumber yard activities. This property is also part of the larger Heritage State Park development project, which included the Subject Property and additional adjoining properties. The RTN identified by EDR is also RTN 1-00004943. As noted above, this release received closure via a Class 2 RAO in January 2005. Additional information regarding this property is discussed in Section 5.5.</p> <p>EDR identified three (3) 4,000-gallon gasoline USTs (Tank ID Nos. 1-3) and one (1) 550-gallon waste oil UST that were installed in 1967 and 1966, respectively, and removed on May 7, 1990. The owner of the USTs was identified as Sunoco Gas Station and A R Sandri, Inc. (Sandri) and the facility ID was 6187. According to EDR, a spill, which was identified as Spill ID: W90-0299, was reported for this property May 7, 1990. The spill, which was reported by the Turners Falls Fire Department, reportedly consisted of an unknown quantity of gasoline to soil from a leaking UST. The regulatory status was identified as "closed". Based on the date of the spill, it was likely associated with the removal of the former USTs.</p> <p>EDR identified an additional release associated with this property. A release of two gallons of hydraulic oil was reported in February 1996. MassDEP assigned RTN 1-0011248 to the release, which was reportedly closed via a Class A1 RAO in 1997. Turners Falls Dam was identified as the location. This property does not adjoin the Subject Property and is located approximately 200 feet north-northwest of the Subject Property.</p>
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5.4 Local Records

Weston & Sampson made Freedom of Information Act (FOIA) requests with various Town of Montague offices including the Fire Department, Health Services Department, and the Inspectional Services Department and reviewed Tax Assessors records. FOIA requests were made in October and November 2024. Pertinent findings are summarized in the following subsections. Copies of documents reviewed are provided in **Appendix J**.

5.4.1 Tax Assessor

Weston & Sampson performed an online file review with the Montague Assessors Office on October 17, 2024. The current use of the Subject Property was identified as offices with the date of construction for the former building as 1975. The building was heated via forced air from electric fuel. Various unspecified permits were granted between 2001 and 2020 including a building demolition permit in August 2023. Copies of any records obtained are included in **Appendix J**.

5.4.2 Fire Department

Weston & Sampson contacted the Turners Falls Fire Department for any information they might have regarding environmental conditions at the Subject Property. No response was received as of the completion of this report.

5.4.3 Health Services Department

Weston & Sampson contacted the Town of Montague Board of Health for any information they might have regarding environmental conditions at the Subject Property, including the storage and/or use of petroleum products and hazardous substances. No information pertinent to the identification of RECs was identified.

5.4.4 Inspectional Services Department

Weston & Sampson performed a file review at the Town of Montague Inspectional Services Department for any information relevant to environmental conditions at the Subject Property, including the current and/or former presence of USTs. The following records were identified:

Demolition Permit, dated July 23, 2023

- In 2023, the former Subject Property building was demolished by the Town of Montague.
- It was noted as a one (1)-story commercial structure; demolition included the slab, foundations, and concrete walkway. Water was used for dust control, and demolition debris was removed from the site and disposed of.
- Depressions or disturbed areas were backfilled. Loam and seed were applied to the ground surface.

Building Permit, dated May 20, 2004

- In 2004, a request to erect a temporary tent for the purpose of celebrating the Town's 250th celebration was filed.
- The tent was located directly south of the former Subject Property building, referred to as the "Old Cumberland Farms Building".
- The Subject Property at this time was developed with one building and a concrete walkway.

5.4.5 Electric Utility

Weston & Sampson contacted Eversource Energy, the local electrical service provider, to request information concerning past releases from electric transformers on the Subject Property. Requests for this information were made in November 2024. No information was provided within the time constraints of this project. The lack of a response from Eversource does not constitute a significant data gap because MassDEP files were also searched for release information and would likely have included reference to releases from transformers.

5.5 Other Environmental Records

Weston & Sampson may consult other environmental records, if necessary, to develop the regulatory history of the Subject Property and surrounding area. In some cases, other records are reviewed to understand the specific nature of certain database listings. For this Phase I ESA, Weston & Sampson reviewed the following environmental records, which were obtained from the MassDEP EEA Portal:

Proposed Turners Falls Heritage State Park, Bridge, First, and Second Streets, Montague, Massachusetts, MGL Chapter 21-E Site Investigation Phase I Report, by Almer Huntley, Jr. & Associates, Inc. (Huntley), dated June 23, 1988 (1988 ESA)

- This document discusses the findings of an ESA conducted for a larger multi-parcel site (Site), which included the Subject Property, in advance of its acquisition and redevelopment as the Turners Falls State Park. This investigation was performed to the future owners, the MA Department of Environmental Management (MADEM), with Massachusetts General Laws (MGL) Chapter 21E.
- The Site consisted of six (6) parcels, including the Subject Property, which was referenced as Parcel No. 2.
- The Subject Property was historically used as the Farren House (hotel) and the Grand Trunk Hotel; retail uses also existed within the hotel building, such as dry goods and hardware stores. At the time of the 1988 ESA, the Subject Property was a convenience store (C-Store) with retail motor fuel sales (Cumberland Farms), consisting of a retail building and a fueling station (storage tanks, canopy, and motor fuel dispensers). The former C-Store building was an approximately 2,200 square foot (40 ft by 55 ft), single-storied, slab-on-grade, and concrete block structure, and did not appear to have any sumps or drains. There were five (5) 4,000-gallon gasoline steel USTs located southeast of the convenience store building. Tank vent pipes were located on the northeast corner of the building.
- Parcel No. 1 adjoined the Subject Property to the northwest, and was associated with various environmentally high-risk purposes, such as blacksmithing, log stockpiling, and an auto junk yard. Remnants of the auto junk yard were observed near the parcel perimeters, and materials were

relocated to that location during regrading of the property. A portion of Parcel No. 1 was occupied by the Pioneer Litho Company at the time of the 1988 ESA. This portion was developed with a building used for lithographic printing. Waste products were reportedly transported off site for disposal. Materials commonly used by Pioneer Litho included various solvents and other chemicals.

- Parcel No. 3 adjoined the Subject Property to the northeast and consisted of a Sunoco automotive service station and beauty salon. Three (3) 4,000-gallon gasoline USTs and one 550-gallon waste oil storage tank were located at the site. Tank tests in 1988 determined they were not leaking to the standard used for the testing procedure. The beauty salon was heated by oil, which was stored in one 500-gallon fuel oil UST.
- Parcel No. 4 was located north of the Subject Property and was vacant at the time of the 1988 ESA. It was historically used for log stockpiling and the junkyard operations on Parcel No. 1.
- Parcel No. 5 and 6 were located in the inferred downgradient location further to the northeast (not adjoining property boundaries with the Subject Property) and were historically industrial. Parcel No. 5 was previously the location of four (4) coal-fired boilers, an ash-collecting room, and a storage building for nearby paper mills. Parcel No. 6 was used for the manufacturing of pulp machinery for paper mills and later, electric power generator equipment. One 275-gallon oil storage tank was recorded at this location.
- Twenty-six (26) soil borings were advanced across the Site, including five (5) on the Subject Property, which were referenced as soil borings B-2, B-21, B-22, B-23, and B-24. B-2 was advanced through the approximate western boundary. None of these were reportedly completed as groundwater monitoring wells since groundwater was not encountered. Results from soil sampling indicated that polynuclear aromatic hydrocarbons (referred to as PNAs and PNAHs in the 1988 ESA) and phthalates were the primary contaminants of concern; however, levels were not sufficiently high enough to create acute toxicity based on regulations of that time. As a result of this and other Site exposure factors (e.g. low potential for visitors to be in contact with hazardous materials), it was concluded that the Site did not pose an unacceptable risk to human health, safety/welfare, and the environment.
- However, the 1988 ESA concluded that disturbance of Site soils, planned for development of the proposed state park, would generate airborne dust/particulates and constitute a release into the environment.
- The 1988 ESA included a magnetic survey, which was completed for portions of the Site in April 1988 by J.F. Kick, a geophysicist. However, it appears that the Subject Property was not included in the magnetic survey due to severe interference likely from the buried UST system.
- As a result of this investigation, MassDEP assigned RTN 1-0494 to the Site. The responsible party (RP) was listed as MEDIC.

Letter to MassDEP from Huntley, dated June 11, 1990.

- The letter indicated that Preliminary Assessment and an Interim Site Classification Forms were included for the Site.
- MEDI was ready to proceed with construction of the proposed Heritage Park on the Site, which included the Subject Property.
- None of the soil samples collected from the Subject Property (Cumberland Farms) reportedly had any evidence of contamination.

Letters Between MassDEP and Huntley, dated September 18, 1990, and October 3, 1990.

- The letter describes the "short-term measures" plan for the Site.
- Short-term measures consisted of soil removal of approximately 1,000 to 1,200 cubic yards of impacted soil identified on the former Escotts property (north of the Subject Property) up until the boundary with the Subject Property. The soil removal was for up to 24 inches bgs and backfill would consist of two feet of clean fill.

Response Action Outcome (RAO) Report, Great Falls Discovery Center, by Clough, Harbour and Associates (CHA), dated March 28, 2000.

- This report detailed remedial actions related to RTN 1-0494. This contamination was attributed to historic Site activities, including an automotive junkyard, coal usage, and blacksmithing, which were not located on the Subject Property.

- From 1997-1998, Release Abatement Measure (RAM) plans were submitted. In 1999, CHA submitted a RAM report and subsequent RAM status reports and a RAM Completion Report. Contaminants identified included an approximate 1.3-acre area and involved the first 18" of soil. The area did not include the Subject Property.
- Remedial activities at the Site included removal of hot spots where contaminant exceedances occurred in soil, paving of contaminated areas to reduce exposure and achieve S-2 standards, and the implementation of an activity and use limitation (AUL) to maintain a level of no significant risk. These actions lead to the achievement of a permanent solution and a Class A3 RAO for portions of the Site that did not include the Subject Property.
- More specifically, it should be noted that the AUL and RAO area applied to the northwestern portion of the Site, and did not appear to include the Subject Property.
- Subsurface investigations did include the Subject Property with the advancement of soil borings CHA-12, CHA-13, CHA-15 and CHA-15A. Soil samples collected from CHA-12 and CHA-13 reportedly contained nondetectable (ND) levels of EPH, including diesel PAH and other PAH target analytes. Information describing the depth of the soil samples or soil sample analytical data for soil borings CH-15/CH-15A was not provided.

Notice of Audit Findings, Montague, RTN 1-00494, Heritage State Park, Avenue A & Second Street, RAM, RAO, AUL, dated December 24, 2003.

- MassDEP audited the RAO and Notice of AUL, which were for portions of the Site that did not include the Subject Property.
- MassDEP determined that the response actions were not performed in compliance with the requirements of the MCP.
- MassDEP concluded that documentation provided did not support a Class A3 RAO.
- Actions required included: a Tier II Extension submittal; termination of the AUL; schedule for submitting revised Tier II Report; and schedule for achieving an RAO.

Phase II Completion Report (BWSC-108) and RAO Statement (BWSC-104), Heritage State Park/Great Falls Discovery Center, by Tighe & Bond, dated January 31, 2005

- This report discussed additional environmental investigations pertaining to RTN 1-0494, which encompassed a larger Site that included the Subject Property.
- Since the previous RAO report in 2000, several issues with the RAO and AUL were identified during a Notice of Audit Findings (NOAF) in 2003. To comply with the NOAF, the RAO was retracted and the AUL was terminated by the site property owners, MEDIC.
- In addition to a historical document review, Tighe & Bond performed a Phase II subsurface investigation in 2004. The historical document review indicated that although soils may have been excavated from hot-spot locations, no follow-up confirmatory samples were collected to show reduction of contaminant concentrations to below applicable standards.
- To address data gaps in soil data, additional soil samples were obtained from the former hot-spot areas. PAHs were still detected exceeding MCP Method S-1/GW-2 and S-1/GW-3 standards; however, EPHs appeared to be below S-1/GW-1 standards, suggesting identified contaminated soils were indeed excavated and removed during previous RAM activities. The PAH detections appeared to be consistent with coal and wood ash observed in the broader surrounding area but were in locations inaccessible for exposure (i.e. paved areas or areas covered with clean cover and geotextile).
- Based on the investigative activities, a Class A-2 RAO was achieved.

As previously noted in **Section 3.3**, one apparent groundwater monitoring well was observed in the approximate center of the Subject property during Weston & Sampson's October 2024 site reconnaissance activities. Weston & Sampson did not open and remove the lid of the groundwater monitoring well. The lid was flush mounted and appeared in good functioning condition. This monitoring well is likely associated with environmental investigations performed to assess conditions resulting from a former on-site convenience store with motor fuel operations and/or the planning associated with the Heritage Park development. However, none of the reports reviewed, during the completion of this Phase I ESA and discussed above, identified the soil boring/monitoring well.

Copies of environmental records reviewed by Weston & Sampson are included in **Appendix K**.

6.0 INTERVIEWS

To the extent practicable, Weston & Sampson interviews individuals with knowledge of current and past operations at the Subject Property. For this Phase I ESA, Weston & Sampson conducted interviews with a representative of the current owner. Interviews were performed either in person, via phone/virtual, or via a written questionnaire. Questions were focused on information that would lead to the identification of RECs in connection with the Subject Property. Pertinent information garnered during the interviews is summarized in the following subsections.

6.1 Current Owner

Walter Ramsey and Chris Nolen-Zeller, representatives of the current owner, Montague Economic Development and Industrial Corporation, were interviewed regarding the current and former use of the Subject Property. Pertinent findings are described below:

- The Subject Property was formerly occupied by a convenience store with retail motor fuel sales (Cumberland Farms).

6.2 Key Site Manager

Walter Ramsey was also identified as the Key Site Manager. Pertinent interview responses are summarized in **Section 6.1**.

6.3 Current Occupants

The Subject Property is vacant and has no occupants.

6.4 Current Operators

The Subject Property is vacant and has no operators.

6.5 Past Owners

Past owners were not interviewed during this Phase I ESA because they were not identified by the current Owner.

6.6 Local Government Officials

Weston & Sampson interviewed no other local government officials because Town of Montague (Turners Falls) officials were deemed not likely to have a direct working knowledge of past operations at the Subject Property. For this reason, Freedom of Information Action (FOIA) requests or calls were made to several Town of Montague departments. The intent of these file reviews is to procure information that might aid in the identification of RECs that might exist on the Site. Pertinent information garnered from the local file reviews is summarized in **Section 5.4**.

6.7 Other Individuals

Other individuals were not interviewed during this Phase I ESA because they were deemed not likely to have a direct working knowledge of past operations at the Subject Property.

7.0 OTHER ENVIRONMENTAL CONSIDERATIONS

This section is reserved for a discussion of asbestos-containing materials (ACM), lead-based paint (LBP), and polychlorinated biphenyls (PCBs) in building materials. The Subject Property does not contain a building, and the scope did not include the identification of these building materials.

Releases of emerging contaminants or other substances not defined as hazardous substances under CERCLA are discussed throughout this report and in **Sections 9** and **10** as applicable.

Asbestos-Containing Materials

This scope of work did not include the identification of asbestos-containing building materials. However, asbestos abatement occurred at the former Subject Property building (demolished in 2023) in May 2014 during renovations. The work was conducted indoors with full containment. The asbestos notification form is included within **Appendix J**.

Lead-Based Paint

This scope of work did not include the identification of lead-based paint.

PCB Containing Building Materials

This scope of work did not include the identification of PCBs in paints and caulks.

8.0 DATA GAPS

A data gap is a lack of, or inability to obtain, required information despite good faith efforts by the Environmental Professional. Significant data gaps are data gaps that affect the ability of the Environmental Professional to identify recognized environmental conditions. The following data gaps were identified:

- Data failure was encountered during the historical use source review related to the 5-year interval requirement.
- Past owners and occupants were not interviewed during this Phase I ESA.

It is Weston & Sampson's opinion that these data gaps do not represent significant data gaps because other information was able to be developed to suggest the nature of original Subject Property use and to define the continuity of use.

9.0 FINDINGS AND OPINIONS

A summary of relevant environmental findings, along with Weston & Sampson's professional opinions, are provided below:

- The Subject Property consists of a grass-covered lot with limited landscaped areas, including trees, and concrete sidewalks along the eastern and southern boundaries. Picnic tables are located in the southern portion of the site for patrons to use. Utility poles with overhead electric and telephone lines also stretch along the eastern and southern boundaries (Avenue A and Second Street). A municipal owned fire hydrant is located in the approximate center of the eastern Subject Property boundary.
- Between approximately 1884 and 1966 a large commercial building occupied the Subject Property. This building was primarily used as a hotel with various commercial occupants (barber shop, hardware store, town offices, cafe, dining room, and undertaker) throughout its history. Hotel names included Farren Hotel, Hotel Grand Trunk, and Riley Hotel. Numerous additions were added to the structure until the majority of the Subject Property was occupied completely by the building (1966) until it was demolished between 1966 and 1972. In 1974, a C-Store with retail motor fuel dispensing operations (Cumberland Farms) was constructed on the Subject Property. Cumberland Farms included a 2,200 square-foot one (1)-story slab-on-grade building (northern portion) and an associated fuel dispenser canopy (south of the building). The remaining areas were surrounded by paved parking and drives and concrete paved sidewalks along Avenue A and Second Street. Cumberland Farms operated on the Subject Property until approximately 1993, at which time, the five (5) gasoline UST, associated inground piping, and vents were reportedly removed. The former C-Store building was occupied by MEDIC offices, office and storage space for the northerly-located Great Falls Discovery Center, and for town events, until it was demolished in 2023. Since 2023, the Subject Property has remained a grass-covered vacant lot with picnic tables for use as a public park.
- The former C-store with retail motor fuel sales that historically occupied the Subject Property included five (5) 4,000-gallon gasoline steel USTs that were installed in 1974 and removed in 1993. The USTs were located southeast of the C-Store building with tank vent pipes on the northeast corner of the building and the fueling dispensers south of the USTs. Confirmatory soil and/or groundwater sampling, in the area of the USTs, was not documented. The likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the former gasoline USTs and their associated system (piping/dispensers) is considered a REC.
- The area surrounding the Subject Property has been occupied by mixed use commercial and residential properties since downtown Turners Falls was developed in the late 1800s. Commercial properties have included grocery stores, banks, bookstores, hardware stores, offices, and restaurants. During the late 1800s to mid 1900s, stables, warehouse, and storage buildings, associated with the historical Subject Property hotel building, occupied the western adjacent property. Between approximately 1940 and 1952, a portion of a westerly adjoining former building (historically an auto warehouse and later Pioneer Litho Company) may have partially occupied the corner of the Subject Property or was located on the boundary. Two (2) gasoline USTs were associated with this former building with at least one of the gasoline tanks located on or near the western corner of the Subject Property along Second Street. Additional information regarding the historical gasoline tanks was not obtained. Additional information regarding whether or not the UST was removed and subsurface conditions observed during that removal (if applicable) was not obtained during the completion of this Phase I ESA. Therefore, the likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the identified gasoline UST located on or near the western boundary, is considered a REC.
- The westerly adjoining property, which consisted of a large commercial building along the western boundary of the Subject Property, was occupied by Pinoeer Litho Company, a printing company, from approximately 1950s through 1980s. Printing operations include the handling and storing of

hazardous substances and petroleum products. Information regarding the associated handling and storing practices was not obtained during the completion of this Phase I ESA. The likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the former adjoining printing operation, is considered a REC.

- The Heritage State Park (DCR), which includes the Great Falls Discovery Center, includes the properties adjoining the Subject Property to the north and west. These properties were identified on numerous environmental databases, including a SHWS, UST, and Institutional Control facility. The Subject Property was included with a larger area that was part of the Heritage State Park development area in the late 1980s through 1990s. Development activities included subsurface investigations that identified a release on adjoining properties (north and west). MassDEP RTN 1-00004943 was assigned to the release on May 15, 1988. Release response activities included a Class A3 RAO with the assignment of an AUL in June 2000. The Class A3 RAO was invalidated by MassDEP in December 2003 after an audit. Subsequently, the AUL was terminated in September 2004. Between 2003 and 2005, numerous submittals were provided to MassDEP documenting subsurface activities, including the removal of soil "hot spots" near the Subject Property boundary, and a final release closure via a Class A2 RAO, was filed in January 2005. Based on the remedial activities completed, distance from the Subject Property, the inferred downgradient locations, and/or lack of identified impacted groundwater, the release identified during the Heritage State Park development activities is not considered a REC in connection with the Subject Property.

10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of the ASTM Standard Practice of a Vacant Lot located at Vacant Lot, Village of Turners Falls, Town of Montague, Franklin County, Massachusetts (Subject Property). Any exceptions to, deletions from, this practice are described in Section 1.0. The assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property, except for the following:

- The likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the former gasoline USTs and their associated system (piping/dispensers).
- The likely presence of hazardous substances and/or petroleum products, at the Subject Property, due to a likely release to the environment associated with the former adjoining printing operation.

In addition to the RECs listed above, Weston & Sampson identified the following conditions as part of this Phase I ESA:

- Based on the remedial activities completed, distance from the Subject Property, the inferred downgradient locations, and/or lack of identified impacted groundwater, the release identified during the Heritage State Park development activities (northern and western properties), is considered to be an HREC in connection with the Subject Property.

No Significant Data Gaps were identified as part of this Phase I ESA.

Recommendations

Weston & Sampson recommends that a Phase II ESA be completed to address the identified RECs and characterize the Subject Property for redevelopment. A Scope of Work and Cost Estimate will be provided under separate cover, as requested.

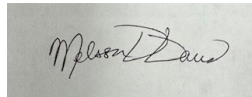
11.0 SIGNATURES OF THE ENVIRONMENTAL PROFESSIONAL

This ESA was overseen by a Qualified Environmental Professional as defined in the ASTM Standard Practice, CERCLA, and the EPA AAI Final Rule. Qualifications for the Environmental Professional are included in **Appendix L**.

Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR § 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR § 312.

Authored by:



Melissa Davis
Senior Project Manager

Reviewed by:



Joseph R. Spencer
Senior Project Manager

12.0 REFERENCES

Almer Huntley, Jr. & Associates, Inc. (Huntley), Proposed Turners Falls Heritage State Park, Bridge, First, and Second Streets, Montague, Massachusetts, MGL Chapter 21-E Site Investigation Phase I Report, dated June 23, 1988.

ASTM E1527-21, 2021, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, published by ASTM, West Conshohocken, PA.

Clough, Harbour and Associates (CHA), Response Action Outcome (RAO) Report for the Great Falls Discovery Center, dated March 28, 2000.

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Huntley, Letters between Huntley and MassDEP, dated September 18, 1990, June 11, 1990, and October 3, 1990.

Environmental Data Resources, Inc., The EDR Radius Map Report with GeoCheck, Historical Topographic Map Report, Aerial Photo Decade Package Report, City Directory Image Report, and Historical Fire Insurance Maps, and Environmental Lien and AUL (1980) Report, Inquiry Number 7793179 and 7796177, dated October 16, 2024.

MassDEP, Bureau of Waste Site Cleanup, online search tool, November 2024.

MassDEP, Notice of Audit Findings (NOAF), Montague, RTN 1-00494, Heritage State Park, Avenue A & Second Street, RAM, RAO, AUL, dated December 24, 2003.

Tighe & Bond, Phase II Completion Report (BWSC-108) and RAO Statement (BWSC-104), Heritage State Park/Great Falls Discovery Center, dated January 31, 2005.

Town of Montague Assessors, Fire, Health Services, and Inspectional Services Department, October 2024.

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Figures

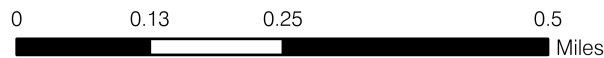


Legend

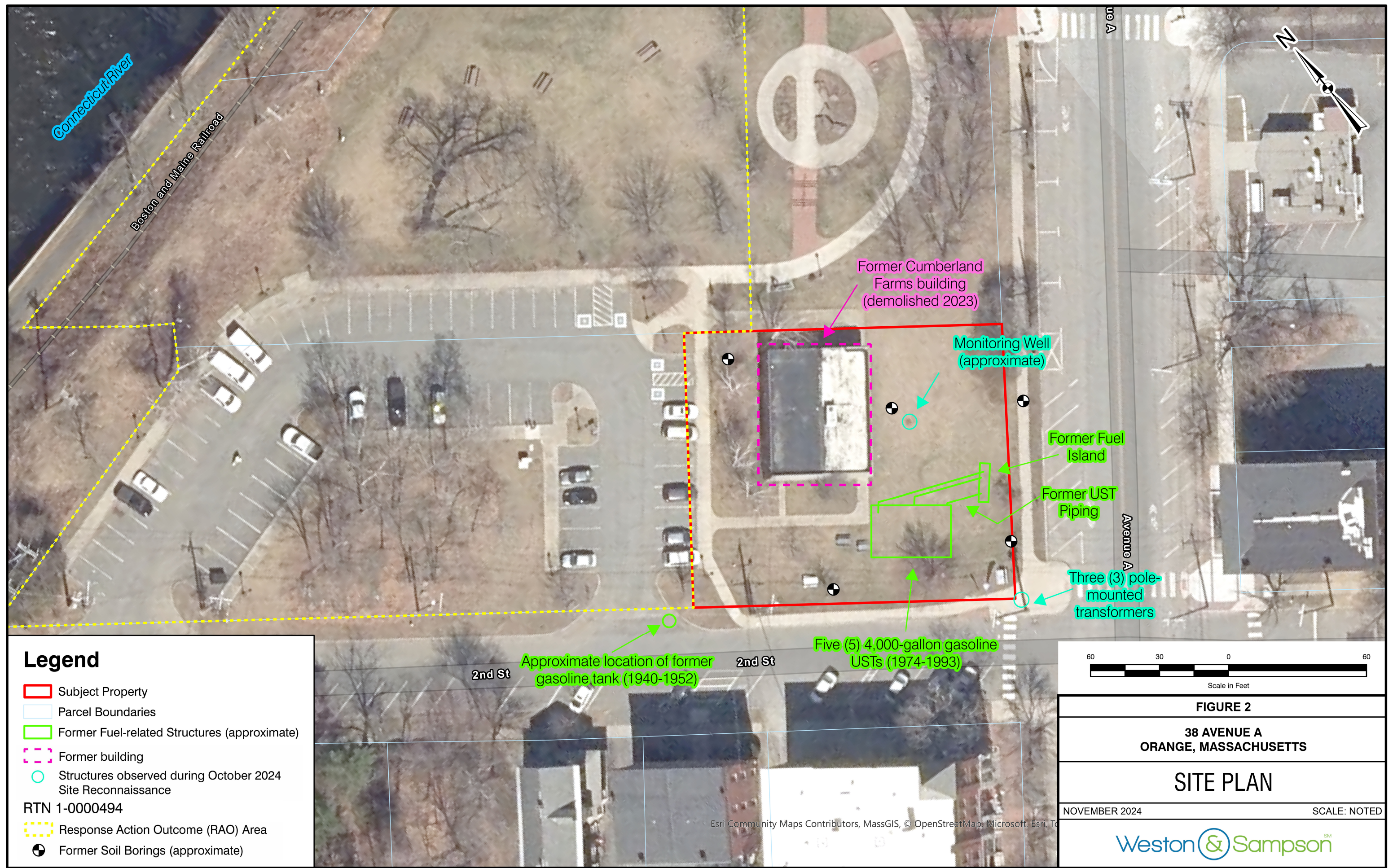
 Subject Property

FIGURE 1
38 AVENUE A
TURNERS FALLS, MASSACHUSETTS

LOCUS MAP



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State/HIU; NOAA National Centers for Environmental Information



Legend

- Subject Property
- Parcel Boundaries
- Former Fuel-related Structures (approximate)
- Former building
- Structures observed during October 2024 Site Reconnaissance
- RTN 1-0000494
- Response Action Outcome (RAO) Area
- Former Soil Borings (approximate)



FIGURE 2

**38 AVENUE A
ORANGE, MASSACHUSETTS**

SITE PLAN

NOVEMBER 2024 SCALE: NOTED

Weston & SampsonSM

Appendix A:
Scope of Services

August 30, 2024

Jessica Atwood
Director of Planning
Franklin Regional Council of Governments
12 Olive Street
Greenfield, MA 01301
(via email)

Re: **Phase I Environmental Site Assessment**
38 Avenue A
Montague, MA

Dear Ms. Atwood:

Weston & Sampson Engineers, Inc. (Weston & Sampson) is pleased to provide this Scope of Work and Cost Estimate to perform a Phase I Environmental Site Assessment (ESA) for the property known as 38 Avenue A (Tax Parcel ID: 04-0-0041) in Montague, Massachusetts (the Subject Property). Our understanding is that you are soliciting proposals for environmental due diligence in advance of its potential redevelopment.

PROJECT APPROACH

The Phase I ESA will be conducted in general accordance with the United States Environmental Protection Agency (EPA) All Appropriate Inquiries (AAI) Final Rule and to satisfy the performance standards set forth in ASTM Standard Practice E1527-21 (the ASTM Standard Practice). The AAI Final Rule, which incorporates ASTM Standard Practice E1527-21, is the current standard of care for Phase I ESAs in the industry. The Phase I ESA will identify Recognized Environmental Conditions (RECs) at the Subject Property, and evaluate the potential for a release of oil and/or hazardous materials (OHM) to the environment. The Phase I ESA will not include sampling of soil, groundwater or hazardous building materials or non-scope items such as asbestos, lead-based paint (LBP), universal waste, and/or polychlorinated biphenyls (PCBs) in building materials.

PHASE I ESA SCOPE OF WORK

Task 1 – Historical Review, Environmental Review, Interviews: Weston & Sampson will review existing files pertaining to historical use and regulatory issues from various sources including:

- State and federal environmental files and databases;
- Municipal Records and plans, including those of the Fire Department for underground storage tank (UST) records;
- Previous environmental reports, where available;
- Sanborn Fire Insurance Maps and city directories where available;
- Aerial photographs;
- Local topographic, surficial and bedrock geologic, and hydrologic maps, if available; and
- Interviews with individuals knowledgeable of the Subject Property.

To supplement the Phase I ESA, Weston & Sampson will purchase a standard ASTM Phase I database search report to obtain additional information about potential documented releases at the Subject Property and surrounding areas. Weston & Sampson will also review local records at municipal and/or county offices and will review pertinent files under the Massachusetts Department of Environmental Protection (MassDEP) for listed releases at the Subject Property and/or on properties that adjoin the Subject Property.

Task 2 - Site Reconnaissance: Weston & Sampson will perform reconnaissance of the Subject Property and surroundings. We will document evidence of RECs such as releases of OHM, dumped solid and/or hazardous waste, stressed vegetation, and evaluate potential impacts to the Subject Property identified in the records review. Weston & Sampson will prepare a photographic log to further document Subject Property conditions.

Task 3 – Questionnaires: Per AAI requirements, Weston & Sampson will provide you, as the user, with a User Questionnaire. In order to receive CERCLA liability protection the *user* must provide the requested information, if available. The information requested in the User Questionnaire includes the following: Environmental Liens, Activity and Use Limitations, Specialized Knowledge (e.g., specialized knowledge of RECs, historical RECs, or other potential environmental concerns in connection with the Subject Property), Commonly Known or Reasonably Ascertainable Information (i.e., any commonly known or reasonably ascertainable information about the Subject Property that would be indicative of releases or threatened releases), Valuation Reduction for Environmental Issues, and Degree of Obviousness of Contamination

In addition to the User Questionnaire, if possible, Weston & Sampson will provide the current owner with an Environmental Questionnaire for completion. The information in the Environmental Questionnaire will generally include information regarding the environmental condition of the Subject Property including but not limited to: current use of the Subject Property, age of structures, use of abutting properties, liens, Subject Property limitations, previous assessments, potential presence of contamination, etc. The information from these questionnaires will be incorporated into the report and the completed forms will be attached as appendices to the Phase I ESA Report.

Task 4 - Phase I ESA Report: Weston & Sampson will prepare a Phase I ESA Report summarizing the information collected above. The report will include a summary of the work scope, narrative descriptions of the completed tasks, findings and conclusions, figures, and images as necessary to support the information. The report will include a history of the Subject Property and an evaluation of RECs.

COST PROPOSAL

The proposed Scope of Work will be completed for the lump sum fee of [REDACTED] billed as a percentage of completion on a monthly basis.

SCHEDULE

Weston & Sampson will deliver electronic draft reports within 5 weeks from the date of receipt of authorization to proceed, confirmation of access and receipt of all pertinent Subject Property information. Weston & Sampson is not responsible for delays resulting from extended Municipal, User, or Owner response times. Please be aware that the Phase I ESA has a shelf life of 180 days, beginning at the commencement of Tasks 1, 2, and 3.

TERMS AND CONDITIONS

Weston & Sampson proposes to perform the work outlined above in accordance with our General Terms and Conditions, attached. No work other than the above-mentioned scope of work will be undertaken, or costs charged other than the cost quoted above, without written approval. This proposal is based upon the knowledge Weston & Sampson has to date of the above-referenced parcel. If additional information becomes available, Weston & Sampson will discuss this with you and refine our proposal accordingly.

Appendix B:
Photograph Log

Photo Log



Southeastern boundary of Subject Property (right), as viewed from eastern corner. Avenue A on left.



Southeastern boundary of Subject Property (left), as viewed from southern corner. Avenue A on right.



Subject Property as viewed from southern corner. Groundcover consists of grass and trees.



Southwestern boundary of Subject Property (right), as viewed from southern corner. Second Street and utility pole/lines on left.



Southwestern boundary of Subject Property (left), as viewed from western corner.



Three (3) pole-mounted electric transformers observed near southern corner of Subject Property, at the corner of Second Street and Avenue A. No petroleum releases were observed on transformers or on ground surface immediately below.

Photo Log



Commercial business (food, retail) adjoining Subject Property across intersection to the south, as viewed from southern corner.



Subject Property as viewed from western corner, facing southeast.



Subject Property as viewed from center, facing northeast. Avenue A and Shady Glen diner in background.



Town of Montague offices (left) and Shady Glen Diner (right), adjoining to the east across Avenue A.



Subject Property as viewed from western corner, facing north. Adjoining parking lot for the Great Falls Discovery Center on left.



Adjoining public parking lot to the northwest.

Photo Log



Adjoining commercial and residential properties to the southwest.



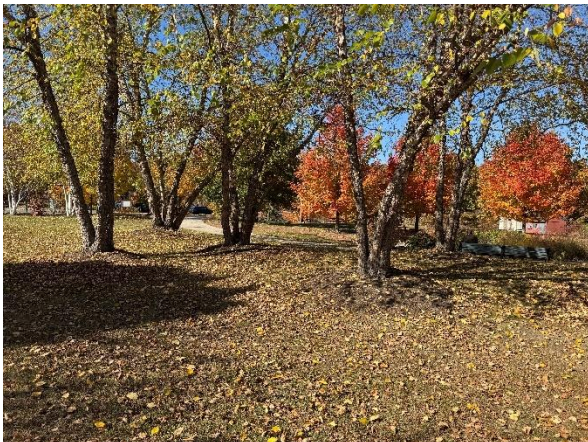
Subject Property as viewed from northern corner. Adjoining parking lot to the west on right.



Subject Property as viewed from northern corner, facing south.



Northeastern boundary of Subject Property, as viewed from northern corner. Public recreational areas/paths of the Great Falls Discovery Center adjoin to the north and northeast.



Northeastern boundary of Subject Property as viewed from eastern corner. Adjoining areas of the Great Falls Discovery Center in background.



Subject Property as viewed from eastern corner, facing west.

Appendix C:
Questionnaires / Checklists

Phase I ESA User Questionnaire

For the Subject Property:

38 Avenue A, Turners Falls, MA

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the user must conduct the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

(1.) Environmental liens that are filed or recorded against the *subject property* (40 C.F.R. § 312.25).

Did a search of *land title records* (or judicial records where appropriate, see Note 1) identify any *environmental liens* filed or recorded against the *subject property* under federal, tribal, state, or local law?

YES NO

Notes: _____

(2.) Activity and use limitations (AULs) that are in place on the *subject property* or that have been filed or recorded against the *subject property*.

Did a search of *land title records* (or judicial records where appropriate, see Note 1) identify any *AULs*, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *subject property* and/or have been filed or recorded against the *subject property* under federal, tribal, state or local law?

YES NO

Notes: _____

(3.) Specialized knowledge or experience of the person seeking to qualify for the *LLP* (40 C.F.R. § 312.28).

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

YES NO

Notes: _____

(4.) Relationship of the purchase price to the fair market value of the *subject property* if it were not contaminated (40 C.F.R. § 312.29).

Does the purchase price being paid for this *subject property* reasonably reflect the fair market value of the *property*?

YES NO N/A

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 *subject property*?

YES NO N/A

Notes: _____

NOTE 1 - In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that *environmental liens* and *AULs* be filed in judicial records rather than in *land title records*. In such cases judicial records shall be searched for *environmental liens* and *AULs*.

Phase I ESA User Questionnaire

For the Subject Property:

38 Avenue A, Turnus Falls, Mt

(5.) Commonly known or *reasonably ascertainable* information about the *subject property* (40 C.F.R. § 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *subject property* that would help the *environmental professional* to identify conditions indicative of *releases* or threatened *releases*?

YES NO

Notes: _____

Do you know the past uses of the *subject property*?

YES NO

Notes: _____

Do you know of specific chemicals that are present or once were present at the *subject property*?

YES NO

Notes: _____

Do you know of spills or other chemical *releases* that have taken place at the *subject property*?

YES NO

Notes: _____

Do you know of any environmental cleanups that have taken place at the *subject property*?

YES NO

Notes: _____

Phase I ESA User Questionnaire

For the Subject Property:

38 Avenue A, Turners Falls, MA

(6.) The degree of obviousness of the presence or likely presence of contamination at the *subject property*, and the ability to detect the contamination by appropriate investigation (40 C.F.R. § 312.31).

Based on your knowledge and experience related to the *subject property*, are there any *obvious* indicators that point to the presence or likely presence of *releases* at the *subject property*?

YES

NO

Notes: _____

Completed By:

Name: Jessica Atwood

Signature: Jessica Atwood

Date: 10/31/2024

ENVIRONMENTAL SITE RECONNAISSANCE QUESTIONNAIRE
 (to be completed by an owner's representative)

Site Name: 38 Avenue A Turners Falls, MA
 Site Address: _____
 Site Visit Date: _____

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

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

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

Adjoining Property	Current		Past	
	Owner	Use	Owner	Use
North:		parking lot		Commercial
South:		Commercial		com
East:	DCR	park		Commercial
West:		Commercial		Commercial

Question	Owner/Property Representative Response		
Is the property used for an industrial use?	YES	<input checked="" type="radio"/> NO	UNK
Is any <i>adjoining</i> property used for an industrial use?	YES	<input checked="" type="radio"/> NO	UNK
Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	YES	<input checked="" type="radio"/> NO	UNK
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used for an industrial use in the past?	<input checked="" type="radio"/> YES	NO	UNK
Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	<input checked="" type="radio"/> NO	UNK

Disposal Center was a paper mill

Is any *adjoining* property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

YES NO UNK
Was a gas station

Did you observe evidence or do you have any prior knowledge that any *adjoining* property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

YES NO UNK
*Eschitt Service station to east
New parkland*

Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gallons (19 Q) in volume or 50 gallons (190 Q) in the aggregate, stored on or used at the property or at the facility?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there have previously been any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gallons (19 L) in volume or 50 gallons (19 L) in the aggregate, stored on or used at the property or at the facility?

YES NO UNK

Are there currently any industrial drums (typically 55 gallons (208 Q)) or sacks of chemicals located on the property or at the facility?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there have previously been any industrial drums (typically 55 gallons (208 L)) or sacks of chemicals located on the property or at the facility?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?

YES NO UNK

Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there have previously been any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

YES NO UNK

Is there currently any stained soil on the Property?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there has previously been any stained soil on the property?

YES NO UNK

Are there currently any registered or unregistered storage tanks (above or underground) located on the property?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there have previously been any registered or unregistered storage tanks (above or underground) located on the property?

YES NO UNK

gas tanks removed

Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from or adjacent to any structure located on the property?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there have previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

YES NO UNK

Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odor, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?

YES NO UNK

Did you observe evidence or do you have any prior knowledge that there have previously been any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?

YES NO UNK

If the property is served by a private well or non-public water system, is there evidence or do you have any prior knowledge that contaminants have been identified in the well or system that exceeded guidelines applicable to the water system?

YES NO UNK

If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?

YES NO UNK

Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification related to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

YES NO UNK

Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?

YES NO UNK

Has the owner or occupant of the facility been informed of the current existence of hazardous substance or petroleum products with respect to the property or any facility located on the property?

YES NO UNK

Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?

YES NO UNK

Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?

YES NO UNK

Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property, or recommended further assessment of the property?

YES NO UNK

Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

YES NO UNK

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

YES NO UNK

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

YES NO UNK

Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried, and/or burned on the property?

YES NO UNK

Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

YES NO UNK

The Owner Questionnaire was completed by:

Name: Walter Ramsey
Title: Town Administrator
Firm: Town of Montague

Address: One Avenue A Turley Falls, MA
Phone Number: 413 863 3200 x110
Date: 1/21/24

Appendix D:
User-Provided Documents

**No documents have been associated
with this appendix.**

Appendix E:

Sanborn Fire Insurance Maps



EDIC Lot

38 Avenue A

Turners Falls, MA 01376

Inquiry Number: 7793179.3

October 15, 2024

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

10/15/24

Site Name:

EDIC Lot
38 Avenue A
Turners Falls, MA 01376
EDR Inquiry # 7793179.3

Client Name:

Weston and Sampson Engineers
55 Walkers Brook Drive, Suite 100
Reading, MA 01867
Contact: Melissa Davis



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Weston and Sampson Engineers were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Certification # B826-4E94-A5B2
PO # NA
Project ENG24-0660

Maps Provided:

1952
1940
1914
1909
1902
1895
1889
1884



Sanborn® Library search results

Certification #: B826-4E94-A5B2

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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Sanborn Sheet Key

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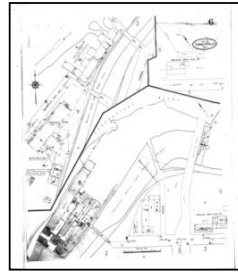
1952 Source Sheets



Volume 1, Sheet 2
1952

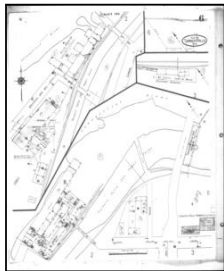


Volume 1, Sheet 3
1952



Volume 1, Sheet 6
1952

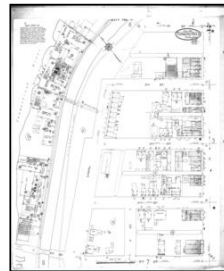
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Volume 1, Sheet 6
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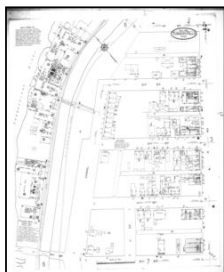


Volume 1, Sheet 3
1940



Volume 1, Sheet 2
1940

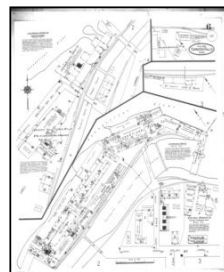
1914 Source Sheets



Volume 1, Sheet 2
1914

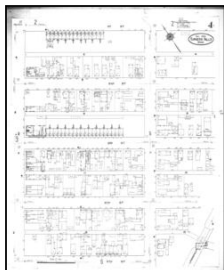


Volume 1, Sheet 3
1914



Volume 1, Sheet 6
1914

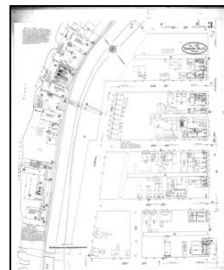
1909 Source Sheets



Volume 1, Sheet 4
1909



Volume 1, Sheet 2
1909



Volume 1, Sheet 3
1909

Sanborn Sheet Key

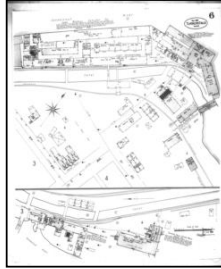
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1902



Volume 1, Sheet 6
1902

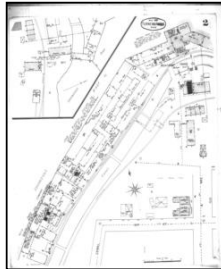


Volume 1, Sheet 4
1902

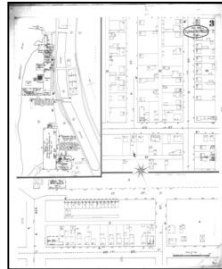
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Volume 1, Sheet 4
1895



Volume 1, Sheet 2
1895



Volume 1, Sheet 3
1895

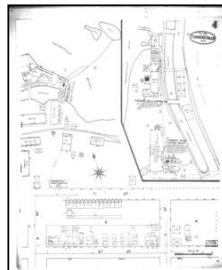
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Volume 1, Sheet 3
1889



Volume 1, Sheet 2
1889



Volume 1, Sheet 4
1889

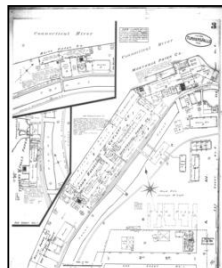
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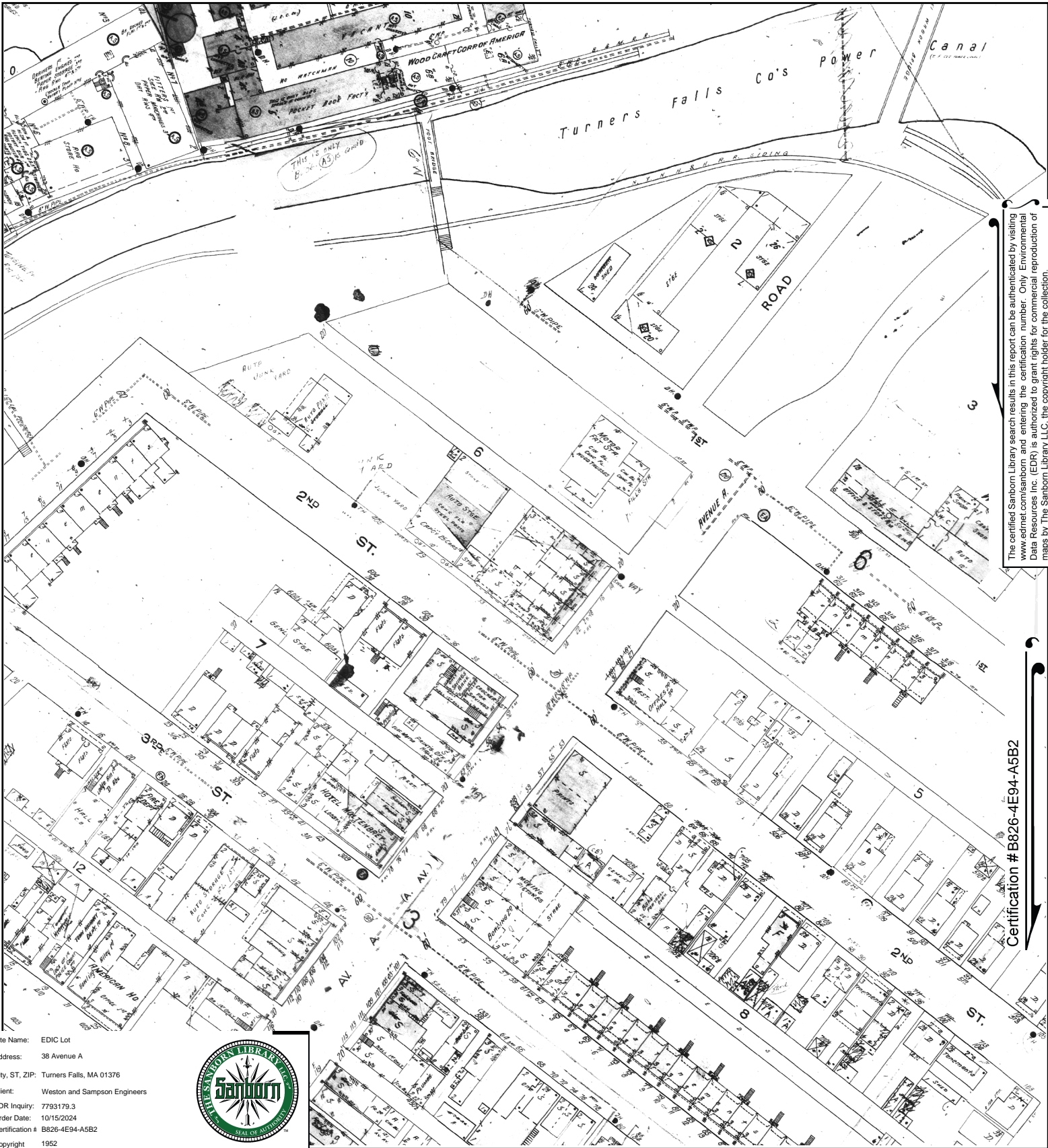
Volume 1, Sheet 4
1884



Volume 1, Sheet 2
1884



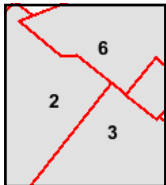
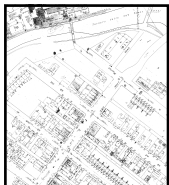
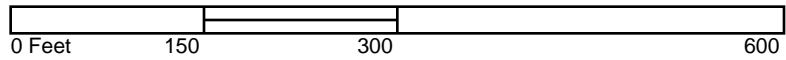
Volume 1, Sheet 3
1884



Site Name: EDIC Lot
 Address: 38 Avenue A
 City, ST, ZIP: Turners Falls, MA 01376
 Client: Weston and Sampson Engineers
 EDR Inquiry: 7793179.3
 Order Date: 10/15/2024
 Certification # B826-4E94-A5B2
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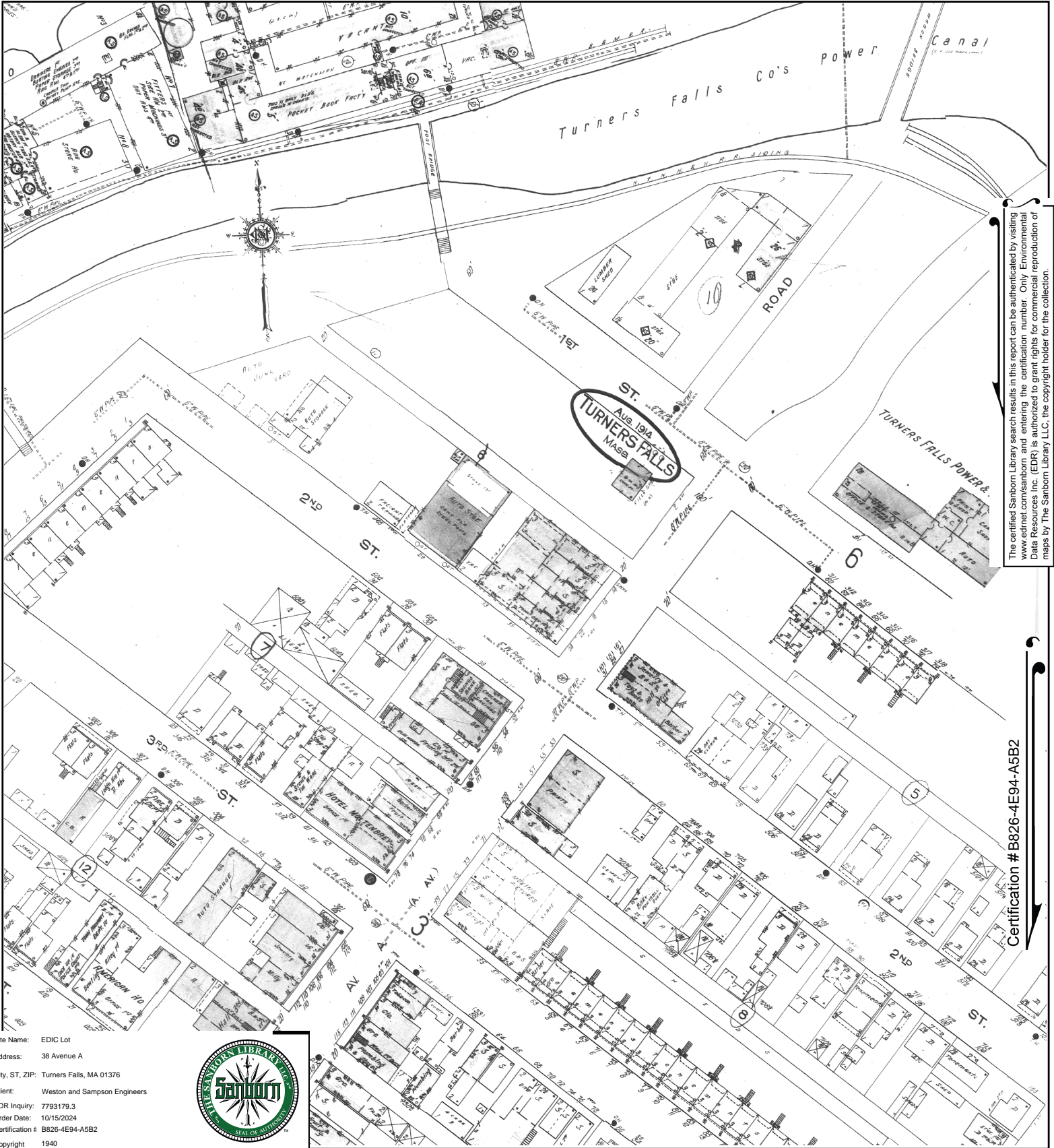


Volume 1, Sheet 6
 Volume 1, Sheet 3
 Volume 1, Sheet 2

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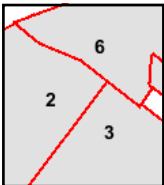
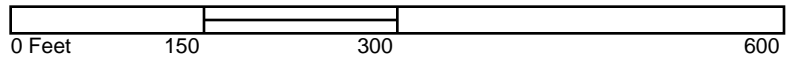
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 Client: Weston and Sampson Engineers
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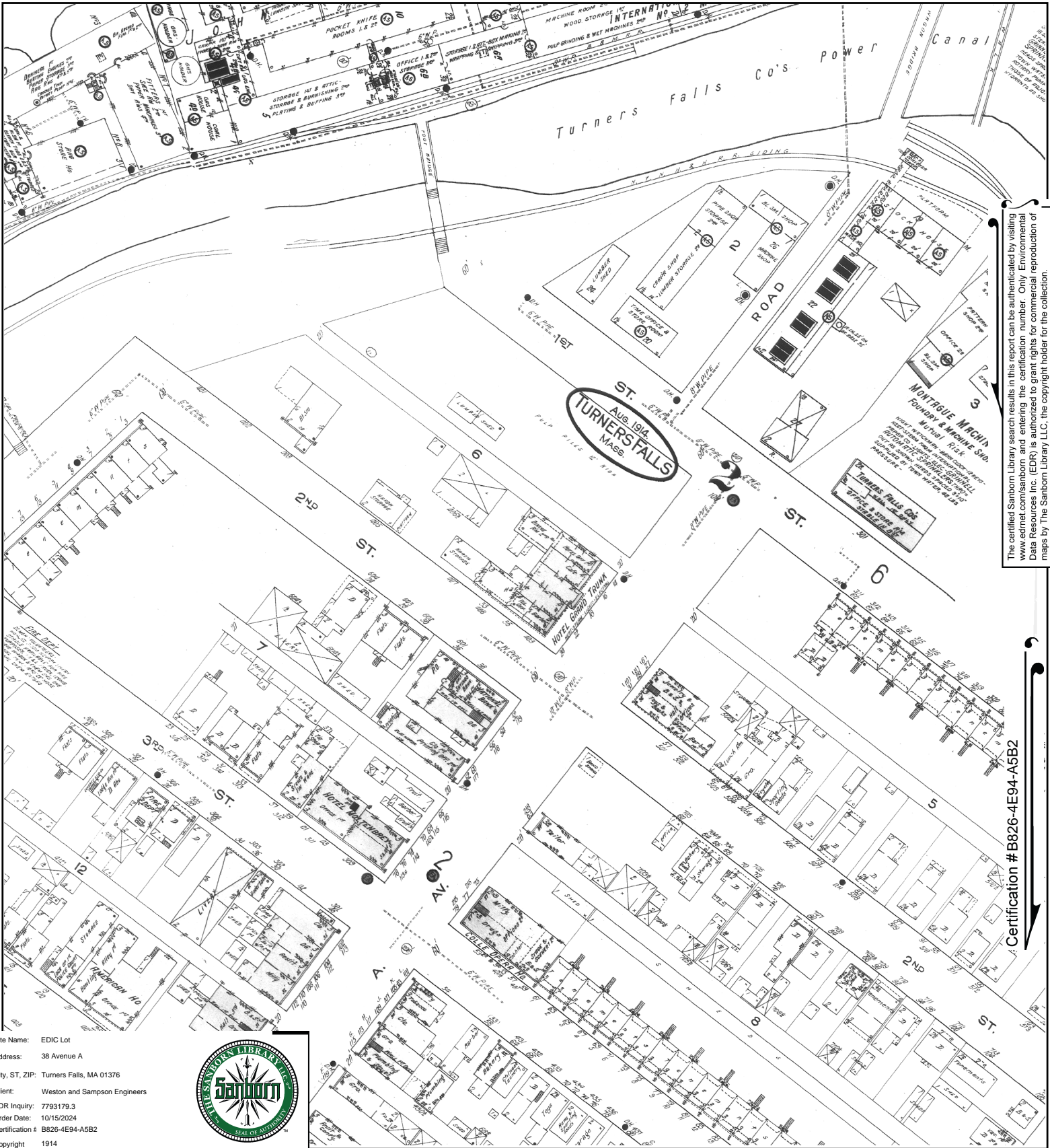


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 Volume 1, Sheet 3
 Volume 1, Sheet 6





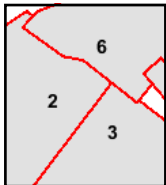
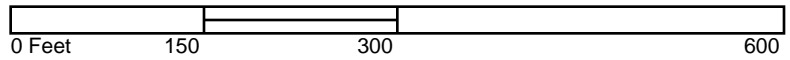
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 Client: Weston and Sampson Engineers
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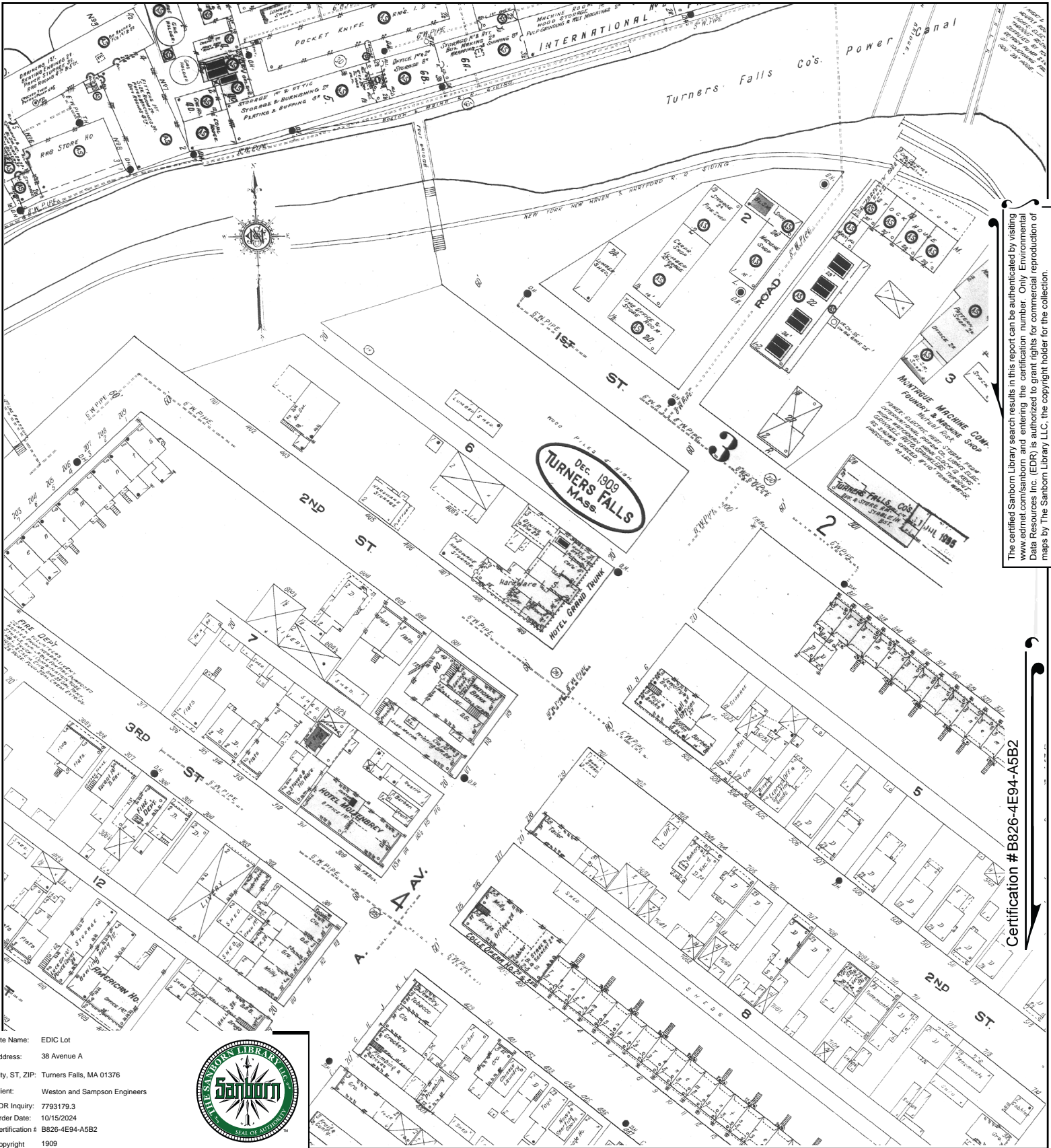


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 Volume 1, Sheet 3
 Volume 1, Sheet 2





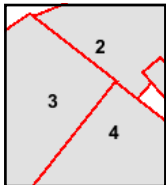
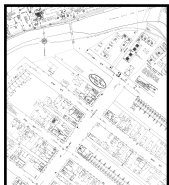
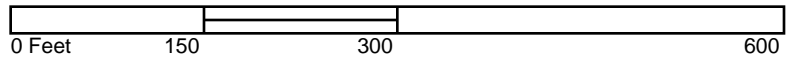
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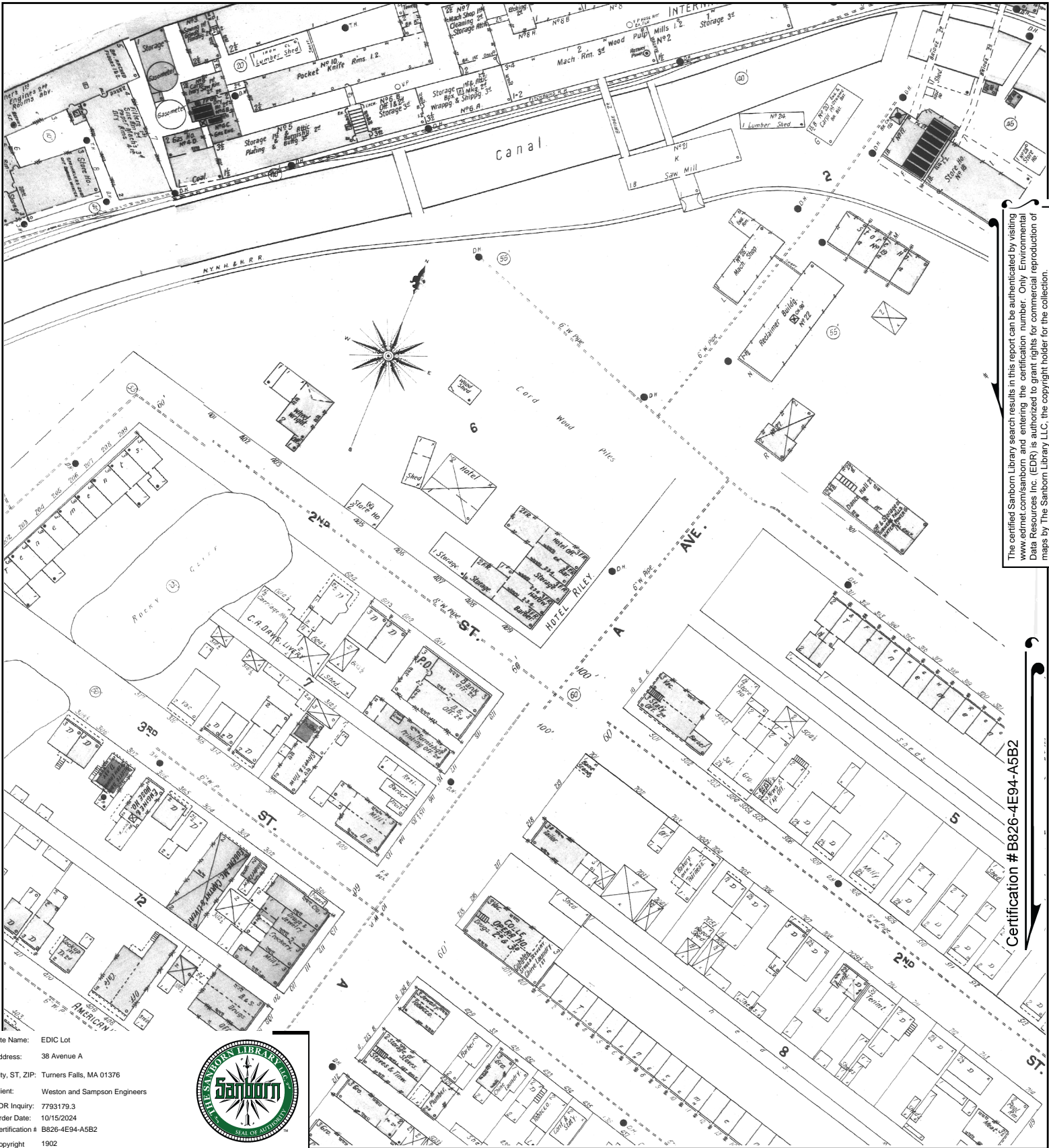


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 Volume 1, Sheet 4





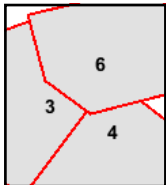
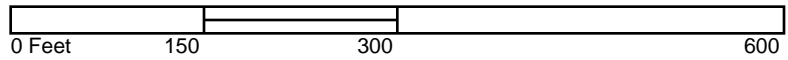
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Certification # B826-4E94-A5B2

Site Name: EDIC Lot
 Address: 38 Avenue A
 City, ST, ZIP: Turners Falls, MA 01376
 Client: Weston and Sampson Engineers
 EDR Inquiry: 7793179.3
 Order Date: 10/15/2024
 Certification # B826-4E94-A5B2
 Copyright 1902

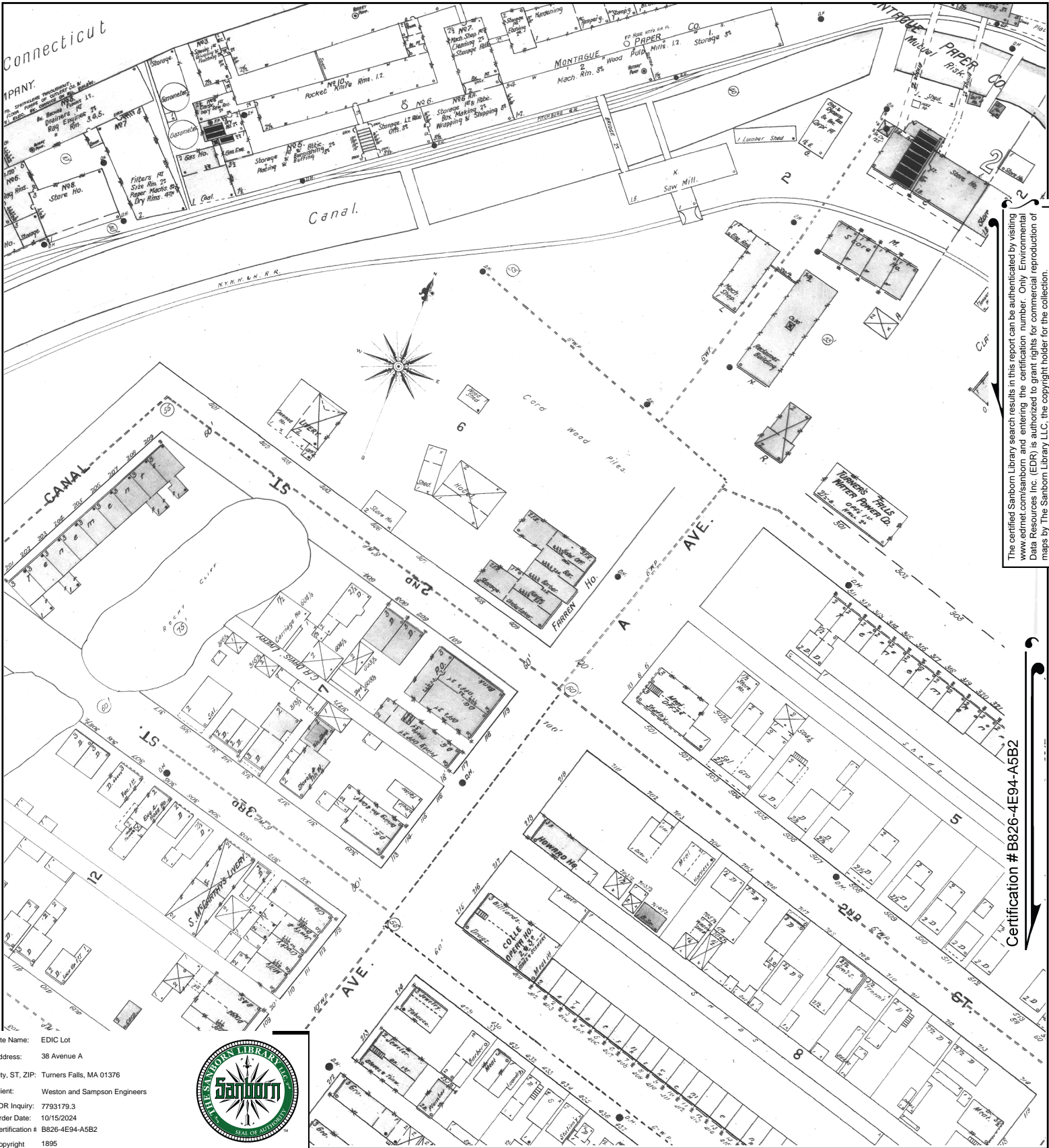


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 4
 Volume 1, Sheet 6
 Volume 1, Sheet 3





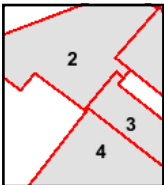
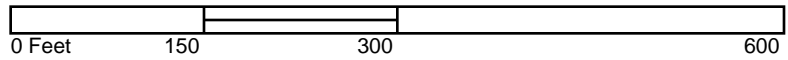
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Certification # B826-4E94-A5B2

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 City, ST, ZIP: Turners Falls, MA 01376
 Client: Weston and Sampson Engineers
 EDR Inquiry: 7793179.3
 Order Date: 10/15/2024
 Certification # B826-4E94-A5B2
 Copyright 1895

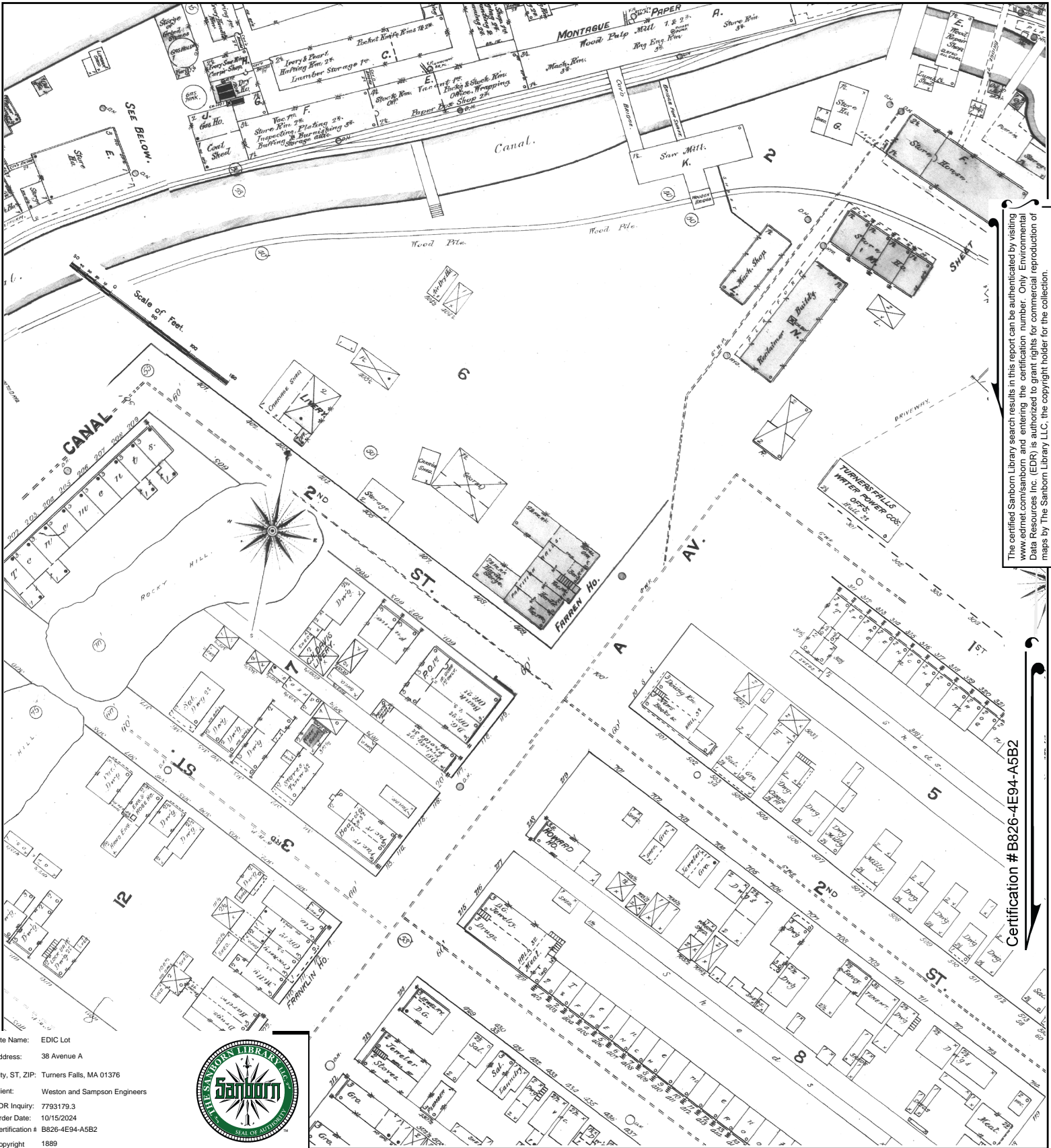


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 3
 Volume 1, Sheet 2
 Volume 1, Sheet 4





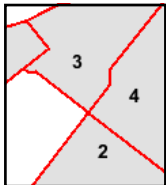
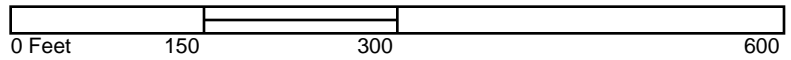
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Certification # B826-4E94-A5B2

Site Name: EDIC Lot
 Address: 38 Avenue A
 City, ST, ZIP: Turners Falls, MA 01376
 Client: Weston and Sampson Engineers
 EDR Inquiry: 7793179.3
 Order Date: 10/15/2024
 Certification # B826-4E94-A5B2
 Copyright 1889

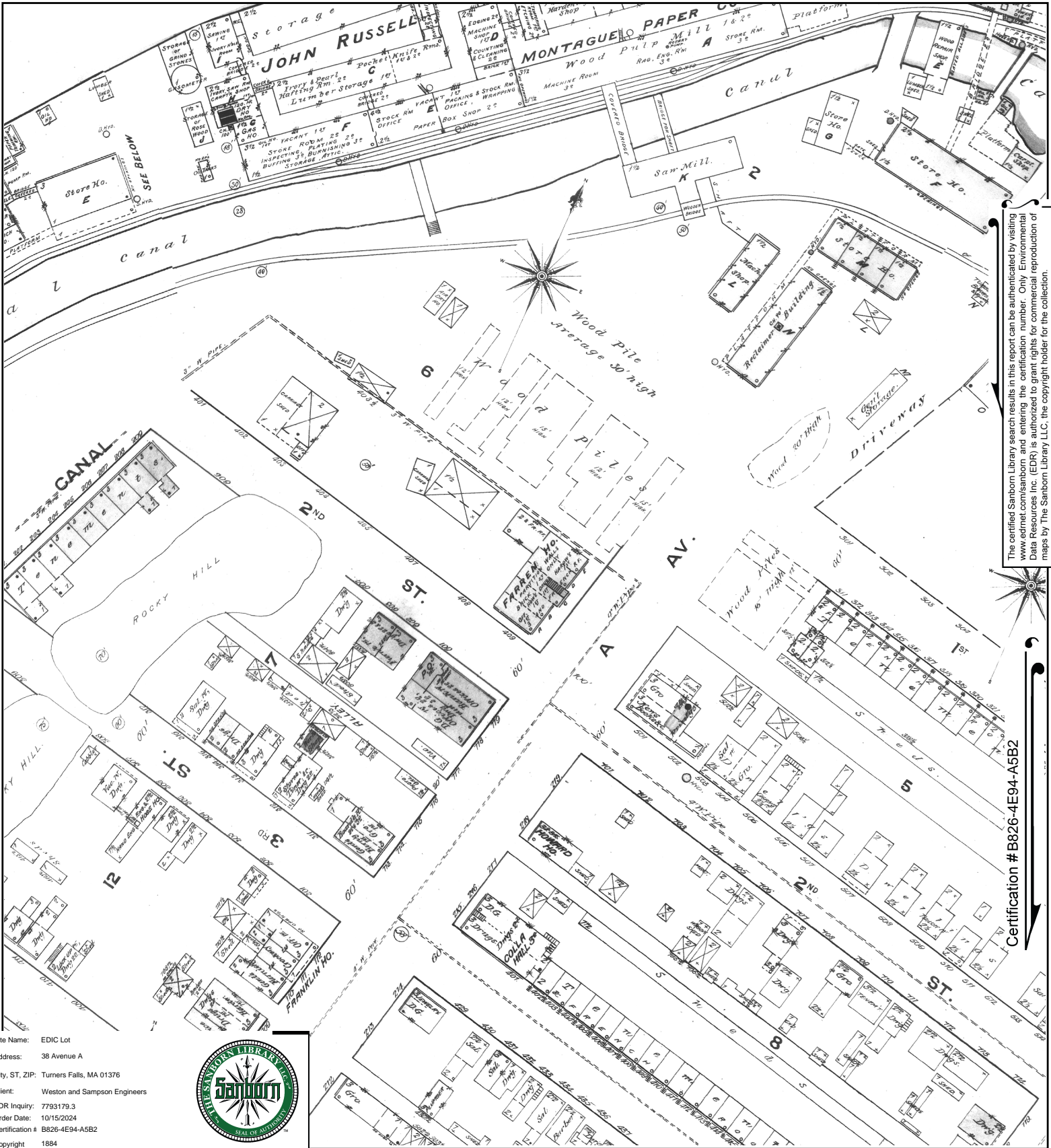


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 4
 Volume 1, Sheet 2
 Volume 1, Sheet 3





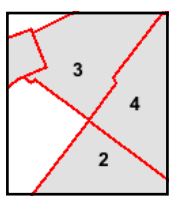
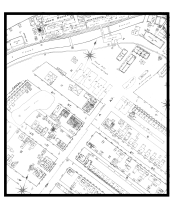
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Certification # B826-4E94-A5B2

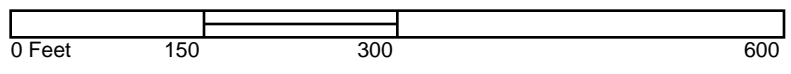
Site Name: EDIC Lot
 Address: 38 Avenue A
 City, ST, ZIP: Turners Falls, MA 01376
 Client: Weston and Sampson Engineers
 EDR Inquiry: 7793179.3
 Order Date: 10/15/2024
 Certification # B826-4E94-A5B2
 Copyright 1884



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



Volume 1, Sheet 3
 Volume 1, Sheet 2
 Volume 1, Sheet 4



Appendix F:
Topographic Maps



EDIC Lot

38 Avenue A

Turners Falls, MA 01376

Inquiry Number: 7793179.4

October 15, 2024

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

10/15/24

Site Name:

EDIC Lot
38 Avenue A
Turners Falls, MA 01376
EDR Inquiry # 7793179.4

Client Name:

Weston and Sampson Engineers
55 Walkers Brook Drive, Suite 100
Reading, MA 01867
Contact: Melissa Davis



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

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	42.609205 42° 36' 33" North
Project:	ENG24-0660	Longitude:	-72.55631 -72° 33' 23" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	700443.96
		UTM Y Meters:	4720313.90
		Elevation:	204.50' above sea level

Maps Provided:

2021	1954
2018	1945, 1946
2015	1943
2012	1941
1990	1936
1977, 1979	1894
1975	1890
1968	

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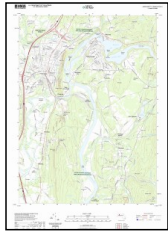
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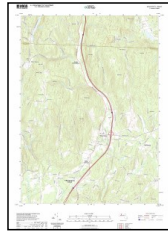
Topo Sheet Key

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

2021 Source Sheets

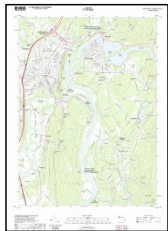


Greenfield
2021
7.5-minute, 24000

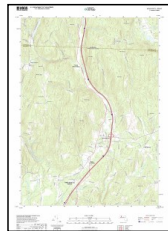


Bernardston
2021
7.5-minute, 24000

2018 Source Sheets

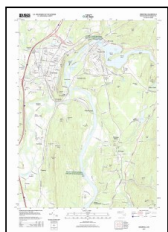


Greenfield
2018
7.5-minute, 24000

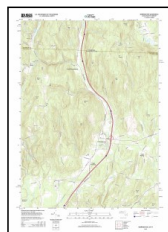


Bernardston
2018
7.5-minute, 24000

2015 Source Sheets

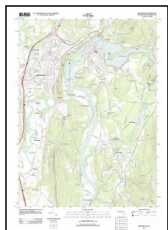


Greenfield
2015
7.5-minute, 24000

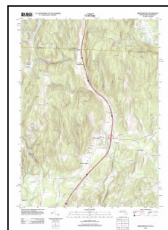


Bernardston
2015
7.5-minute, 24000

2012 Source Sheets



Greenfield
2012
7.5-minute, 24000

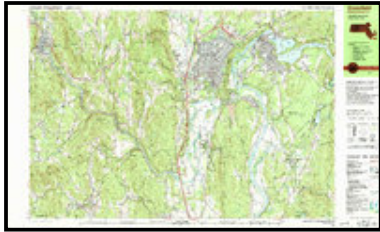


Bernardston
2012
7.5-minute, 24000

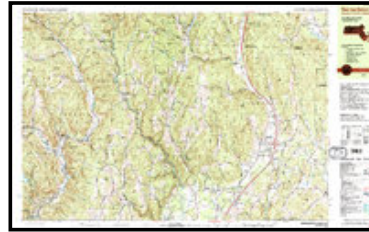
Topo Sheet Key

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1990 Source Sheets



Greenfield
1990
7.5-minute, 25000
Aerial Photo Revised 1981

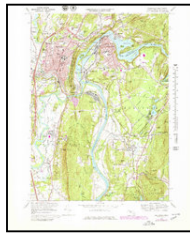


Bernardston
1990
7.5-minute, 25000
Aerial Photo Revised 1981

1977, 1979 Source Sheets

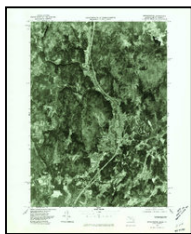


Bernardston
1977
7.5-minute, 25000
Aerial Photo Revised 1972

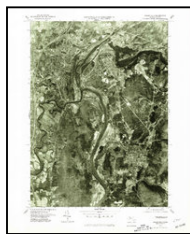


Greenfield
1979
7.5-minute, 25000
Aerial Photo Revised 1975

1975 Source Sheets



Bernardston
1975
7.5-minute, 25000
Aerial Photo Revised 1975



Greenfield
1975
7.5-minute, 25000
Aerial Photo Revised 1975

1968 Source Sheets



GREENFIELD
1968
7.5-minute, 24000

Topo Sheet Key

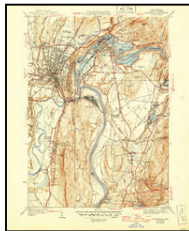
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1954 Source Sheets

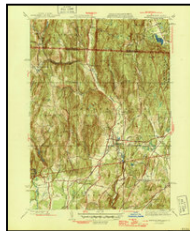


Greenfield
1954
7.5-minute, 24000

1945, 1946 Source Sheets

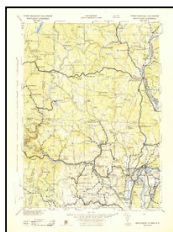


Greenfield
1945
7.5-minute, 31680



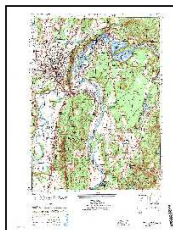
Bernardston
1946
7.5-minute, 31680

1943 Source Sheets



Brattleboro
1943
30-minute, 125000

1941 Source Sheets



GREENFIELD
1941
7.5-minute, 25000

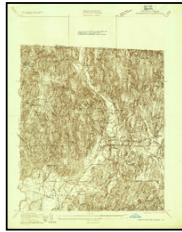
Topo Sheet Key

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

1936 Source Sheets

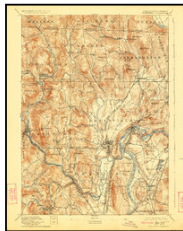


Greenfield
1936
7.5-minute, 24000



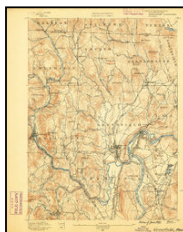
Bernardston
1936
7.5-minute, 24000

1894 Source Sheets

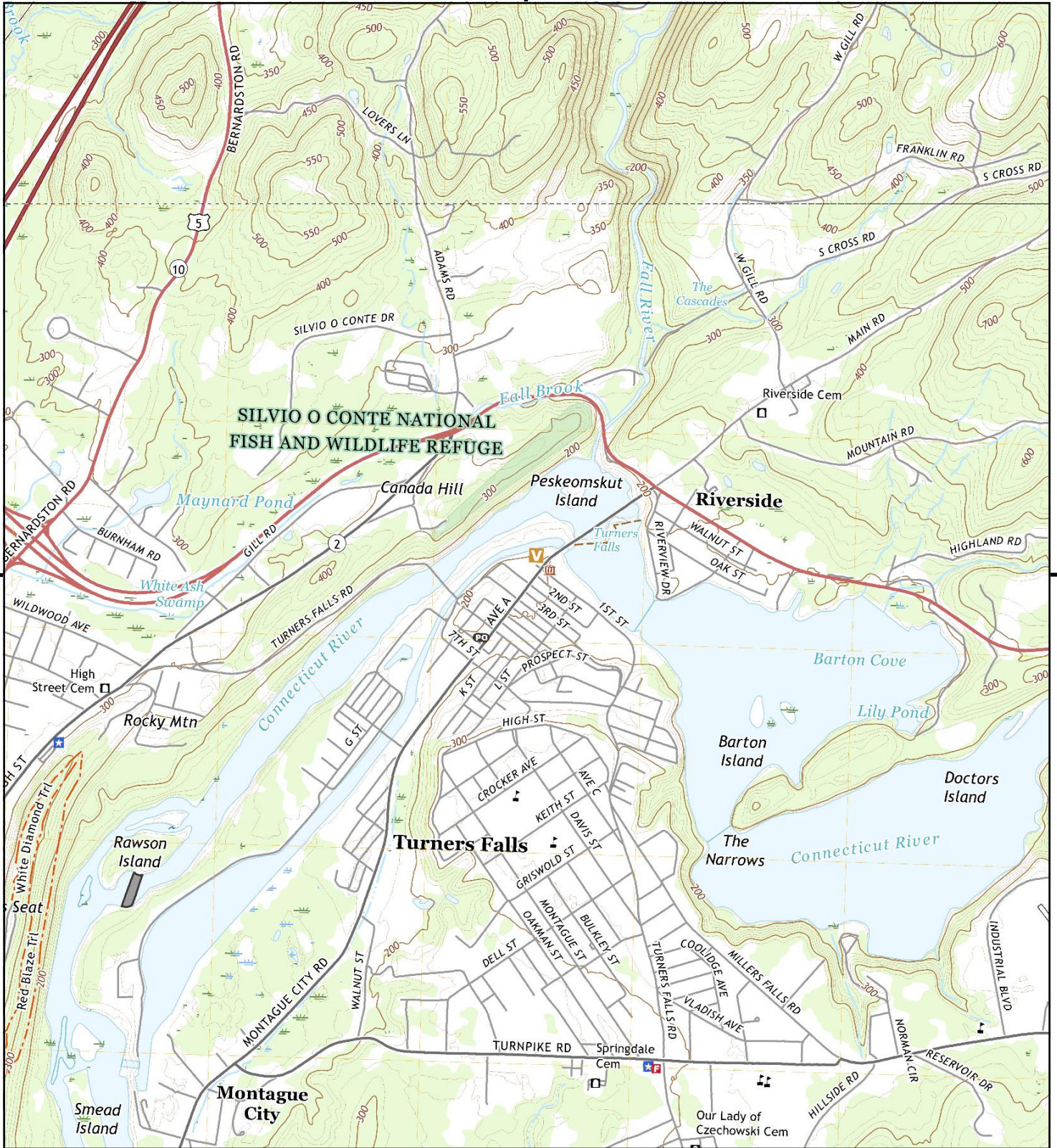


Greenfield
1894
15-minute, 62500

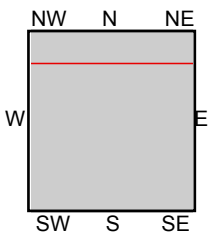
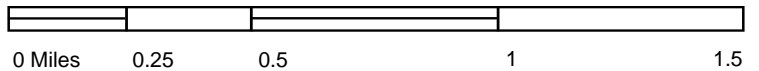
1890 Source Sheets



Greenfield
1890
15-minute, 62500



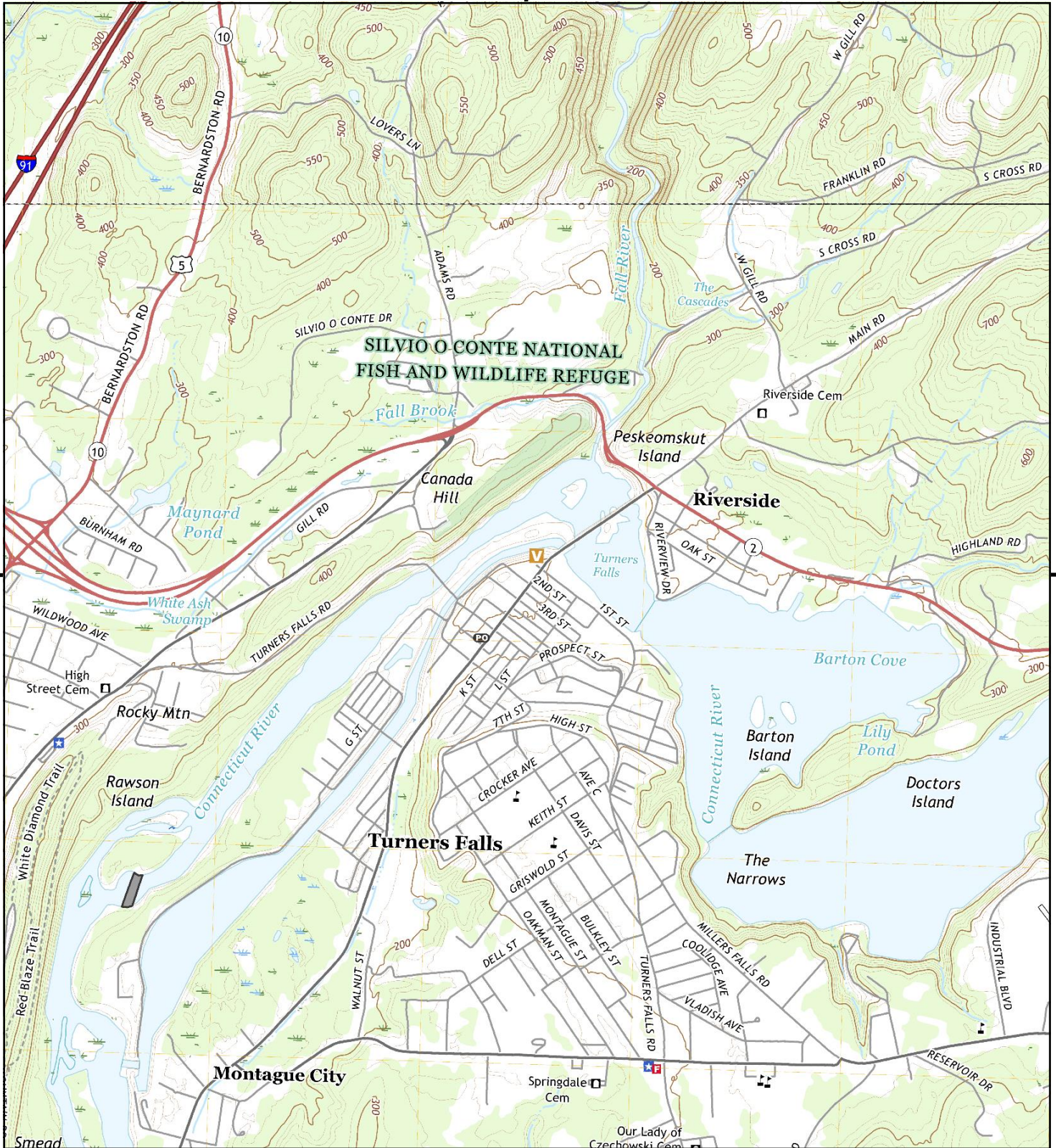
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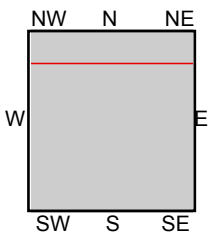
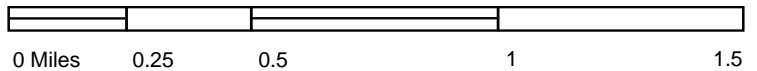
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 N, Bernardston, 2021, 7.5-minute

SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





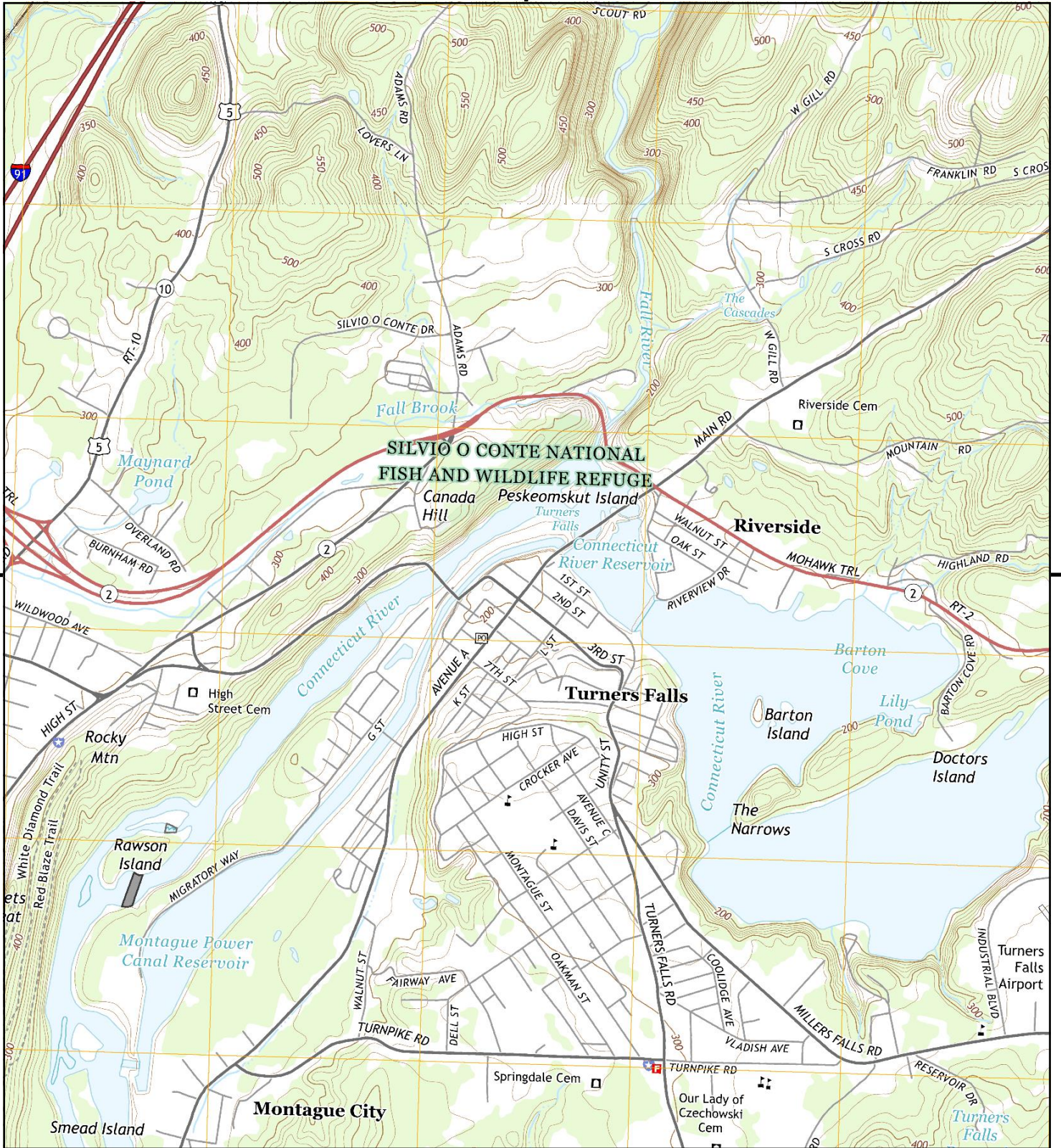
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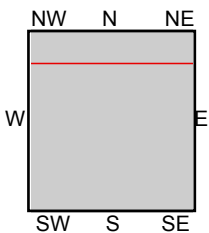
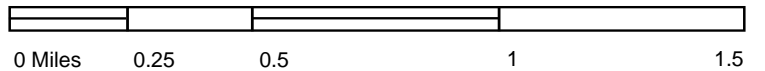
TP, Greenfield, 2018, 7.5-minute
 N, Bernardston, 2018, 7.5-minute

SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





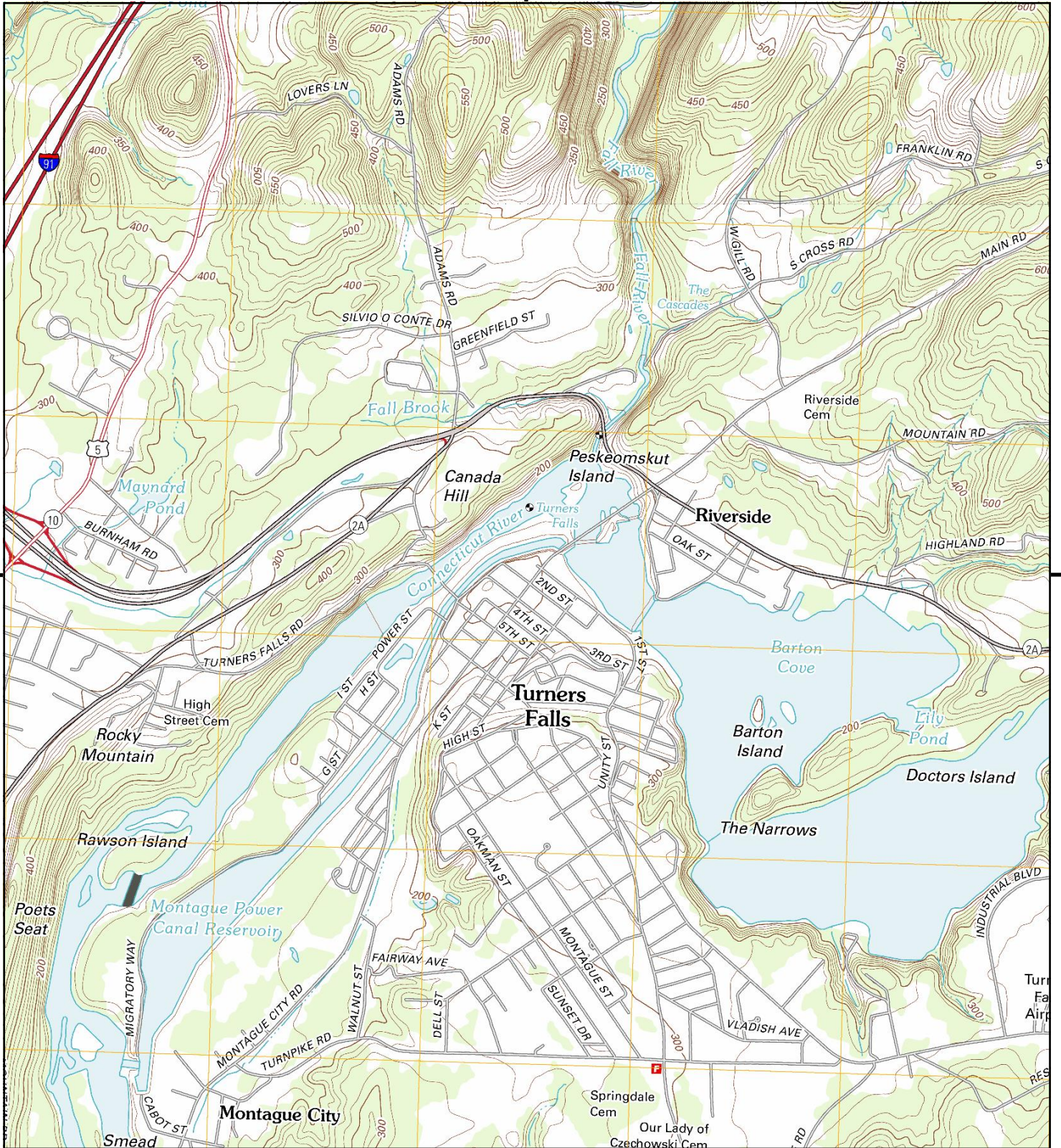
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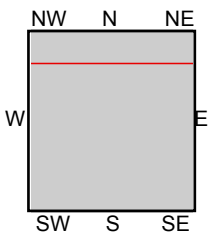
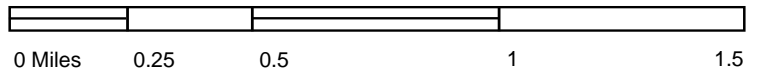
TP, Greenfield, 2015, 7.5-minute
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SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





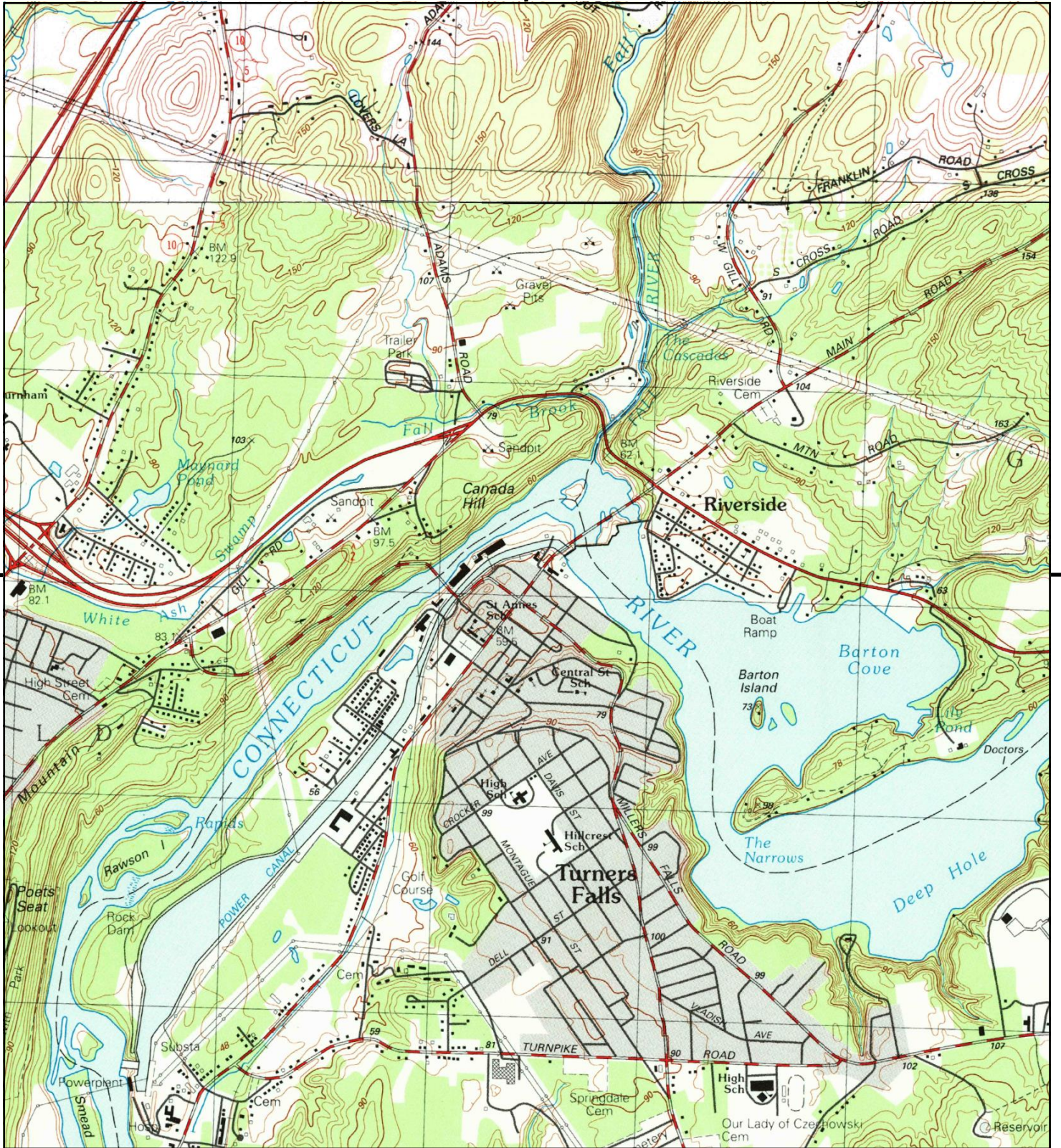
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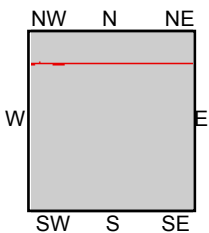
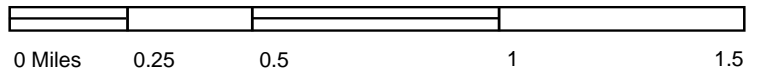
TP, Greenfield, 2012, 7.5-minute
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SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





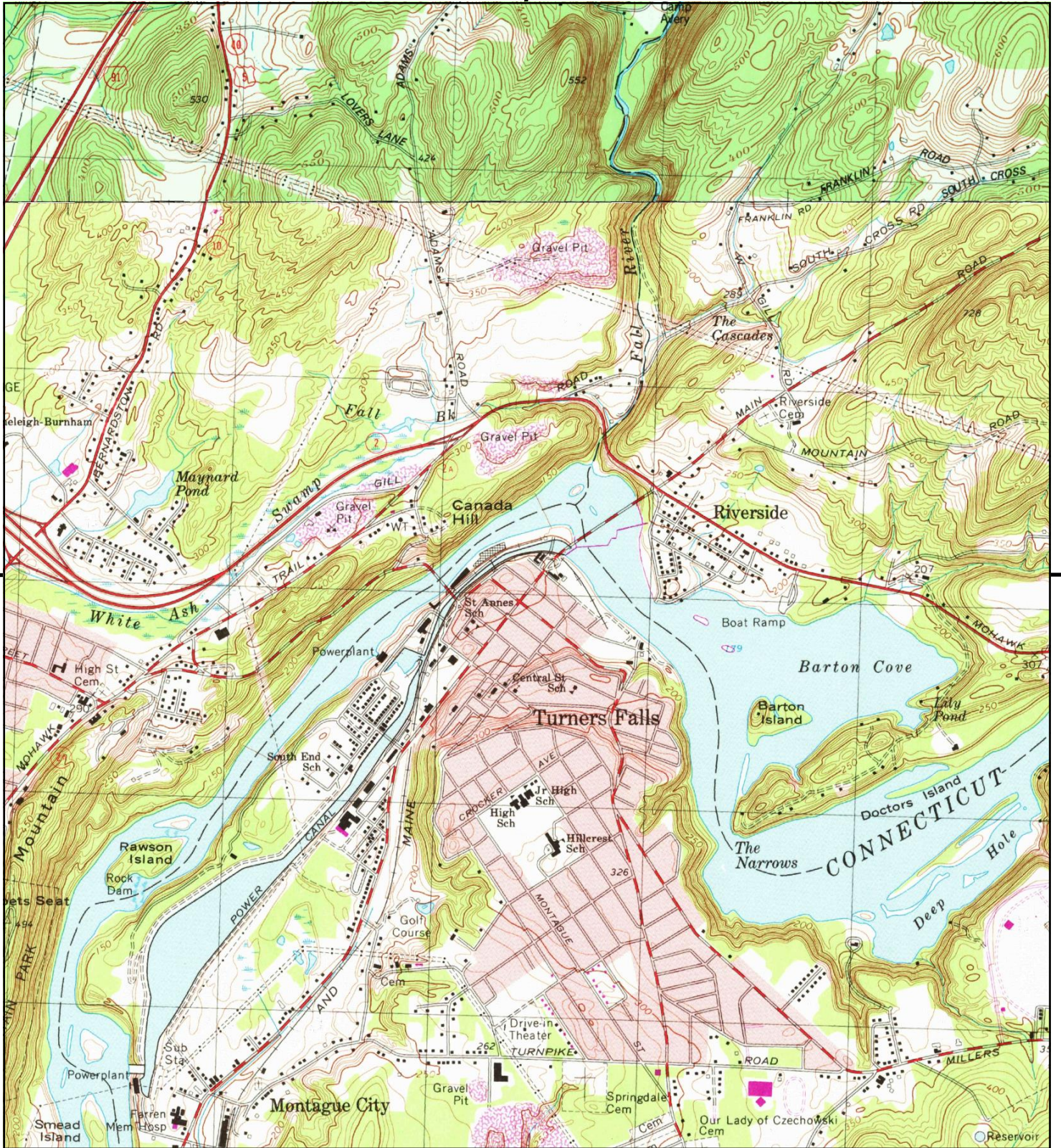
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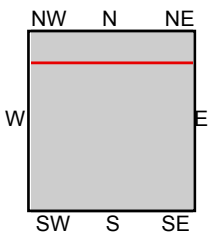
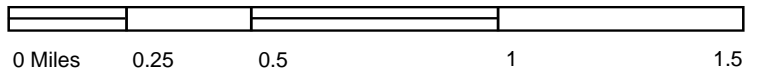
TP, Greenfield, 1990, 7.5-minute
 NW, Bernardston, 1990, 7.5-minute

SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





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



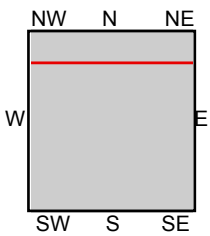
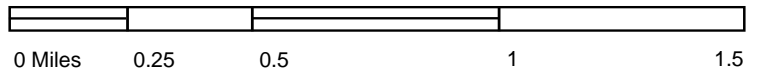
TP, Greenfield, 1979, 7.5-minute
N, Bernardston, 1977, 7.5-minute

SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





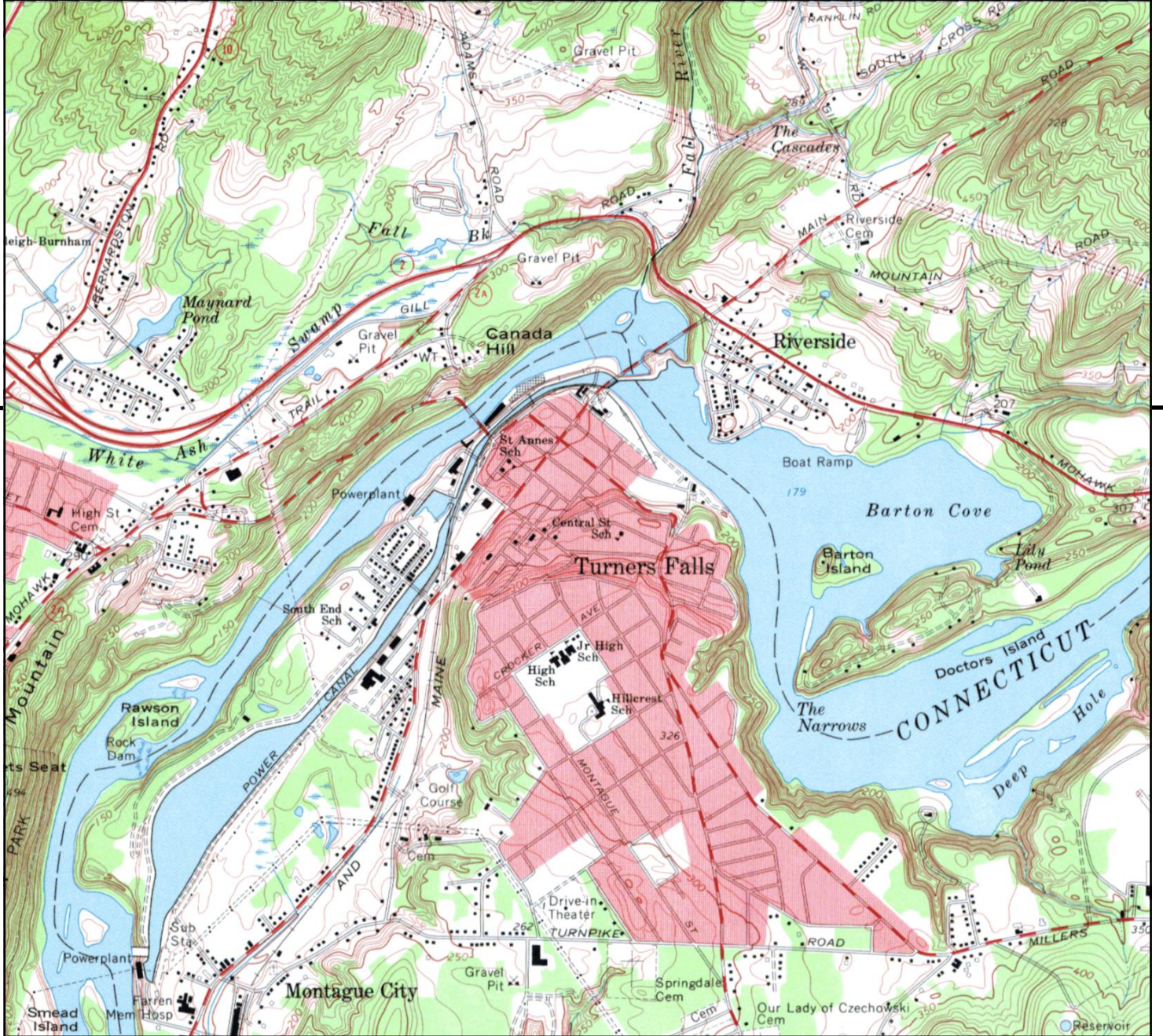
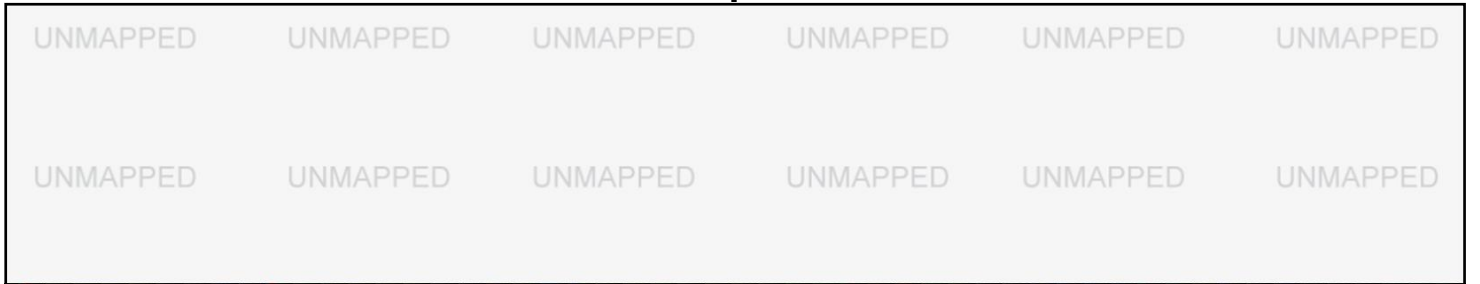
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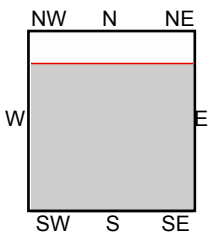
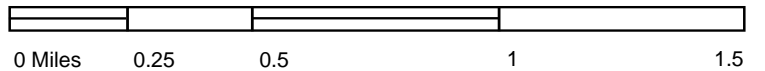
TP, Greenfield, 1975, 7.5-minute
 N, Bernardston, 1975, 7.5-minute

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ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





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



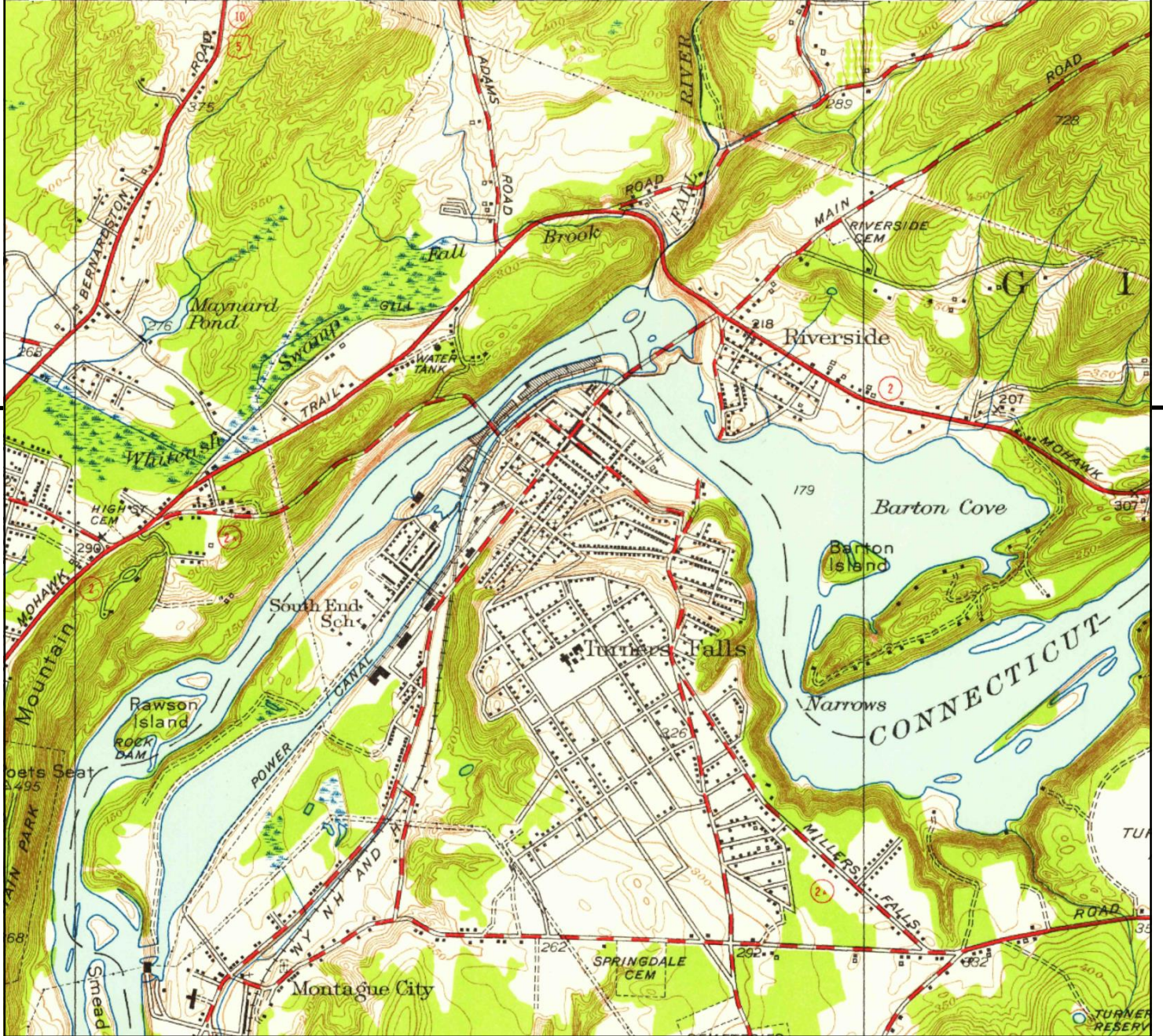
TP, GREENFIELD, 1968, 7.5-minute

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 ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
 CLIENT: Weston and Sampson Engineers

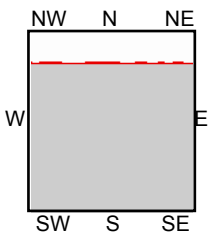
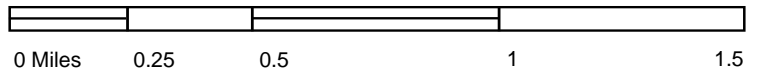


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UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED



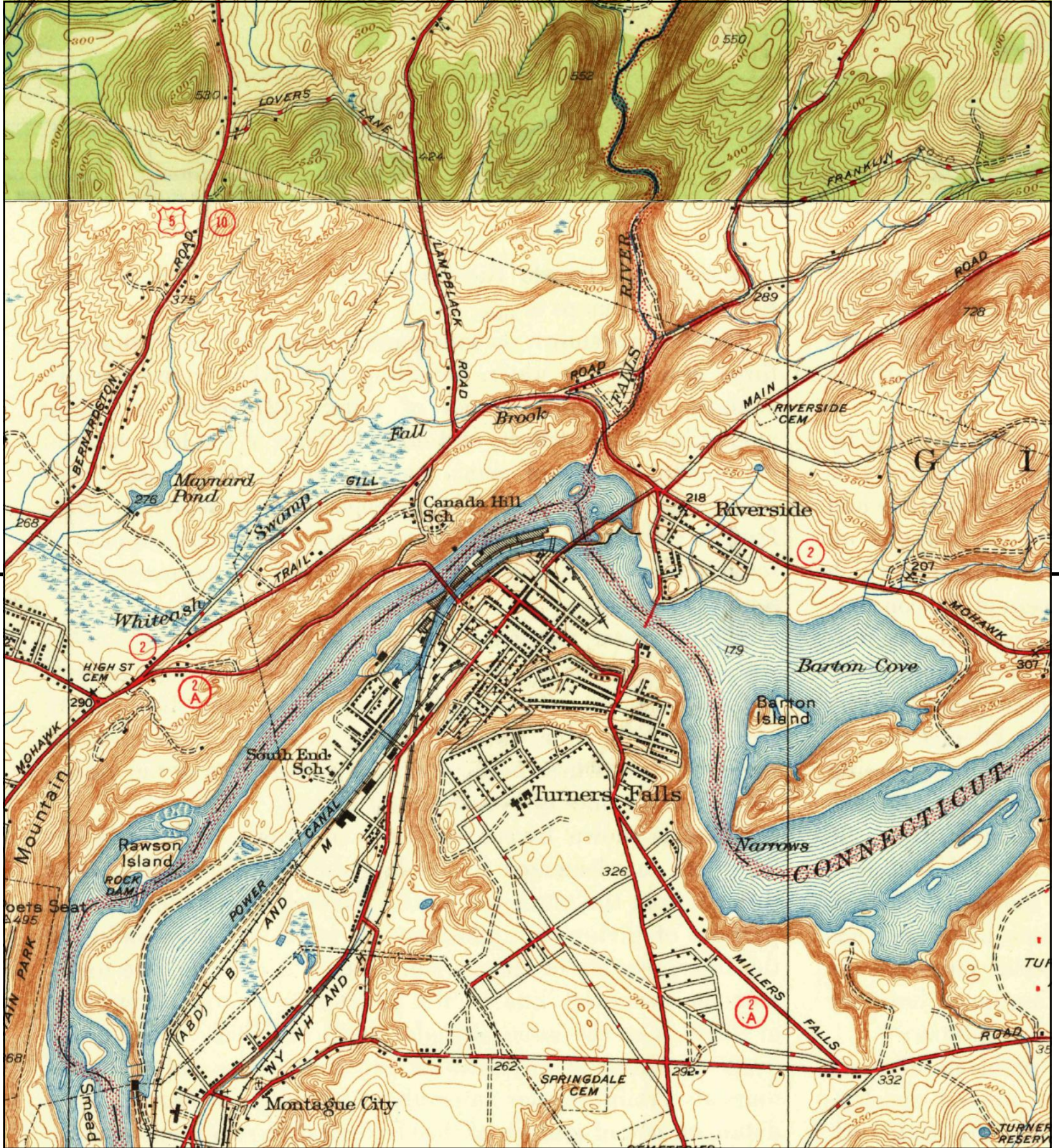
This report includes information from the following map sheet(s).



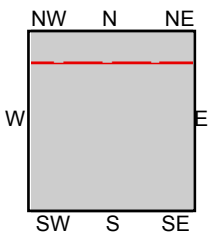
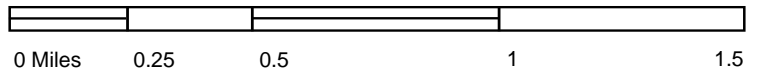
TP, Greenfield, 1954, 7.5-minute

SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
 CLIENT: Weston and Sampson Engineers





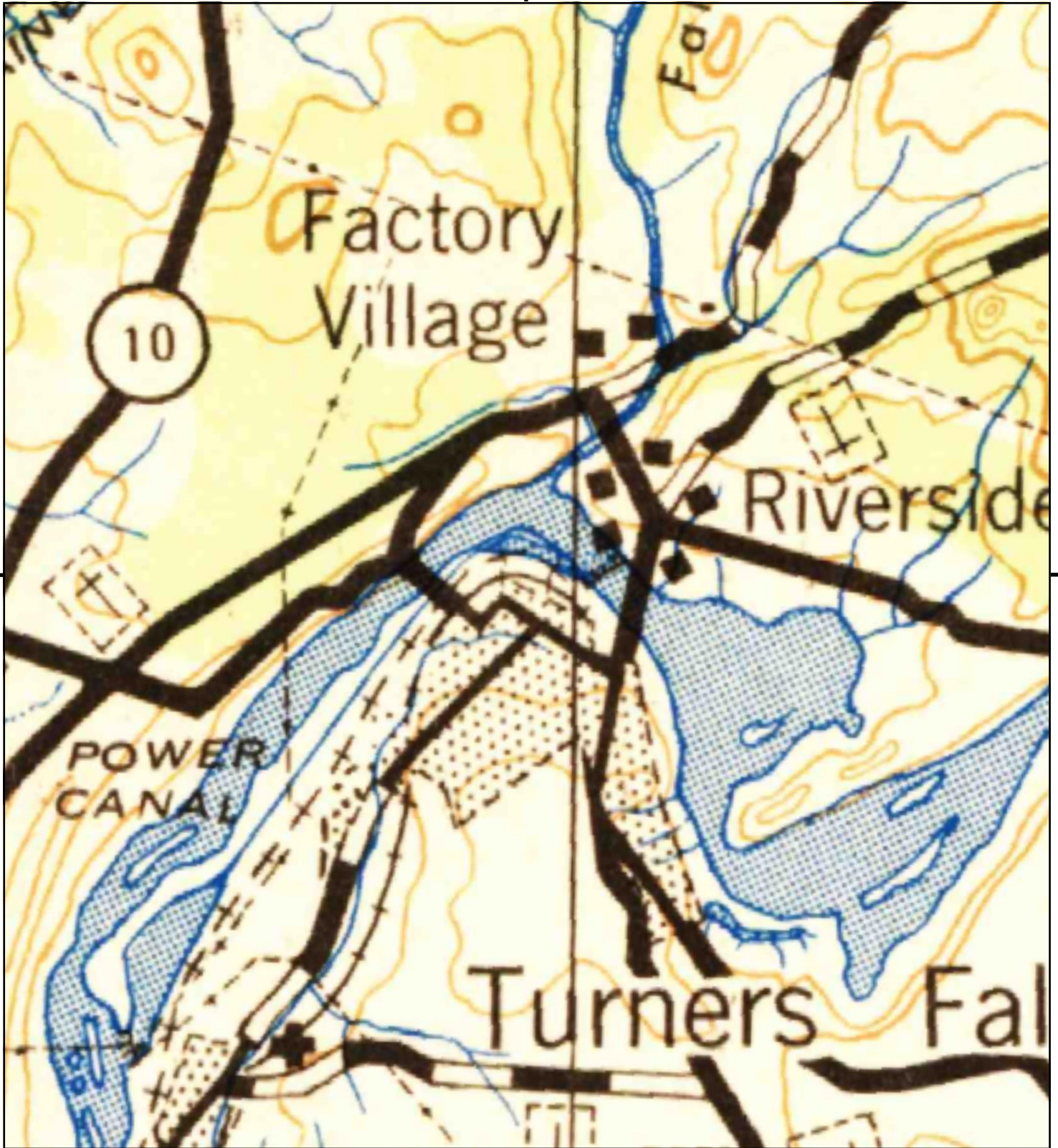
This report includes information from the following map sheet(s).



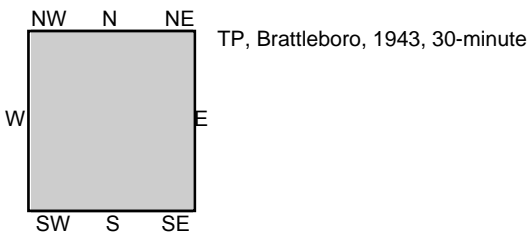
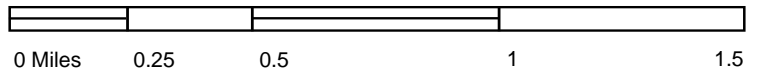
TP, Greenfield, 1945, 7.5-minute
N, Bernardston, 1946, 7.5-minute

SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





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

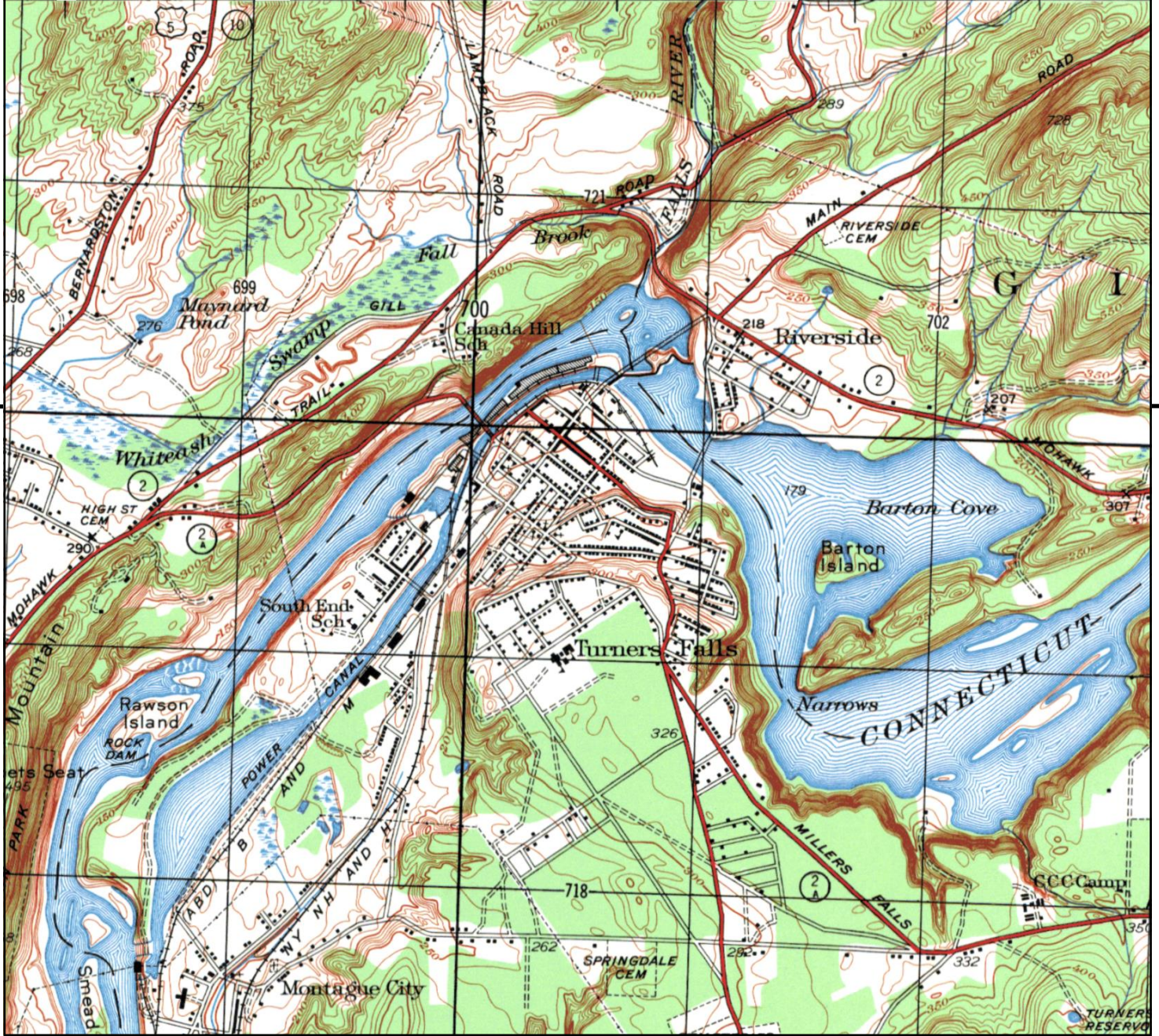


SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
 CLIENT: Weston and Sampson Engineers

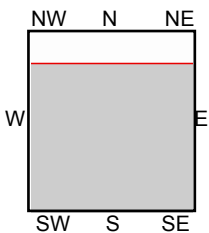
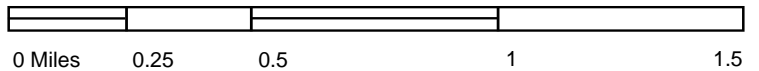


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UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED



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



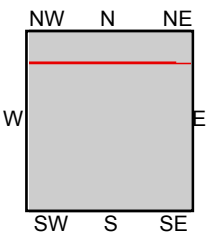
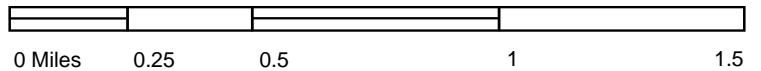
TP, GREENFIELD, 1941, 7.5-minute

SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
 CLIENT: Weston and Sampson Engineers





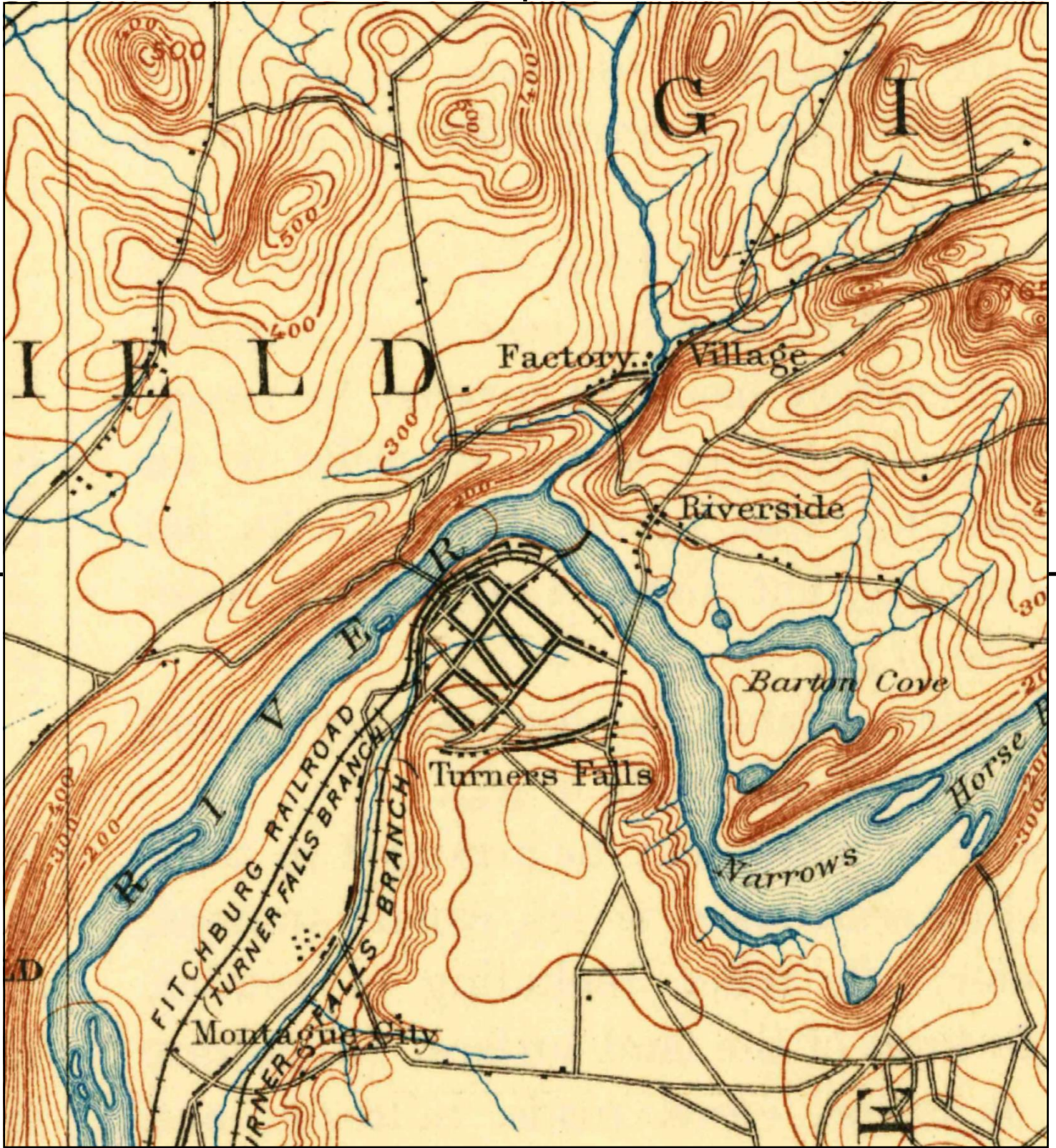
This report includes information from the following map sheet(s).



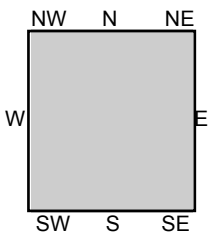
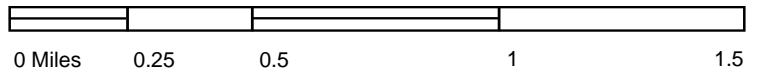
TP, Greenfield, 1936, 7.5-minute
N, Bernardston, 1936, 7.5-minute

SITE NAME: EDIC Lot
ADDRESS: 38 Avenue A
Turners Falls, MA 01376
CLIENT: Weston and Sampson Engineers





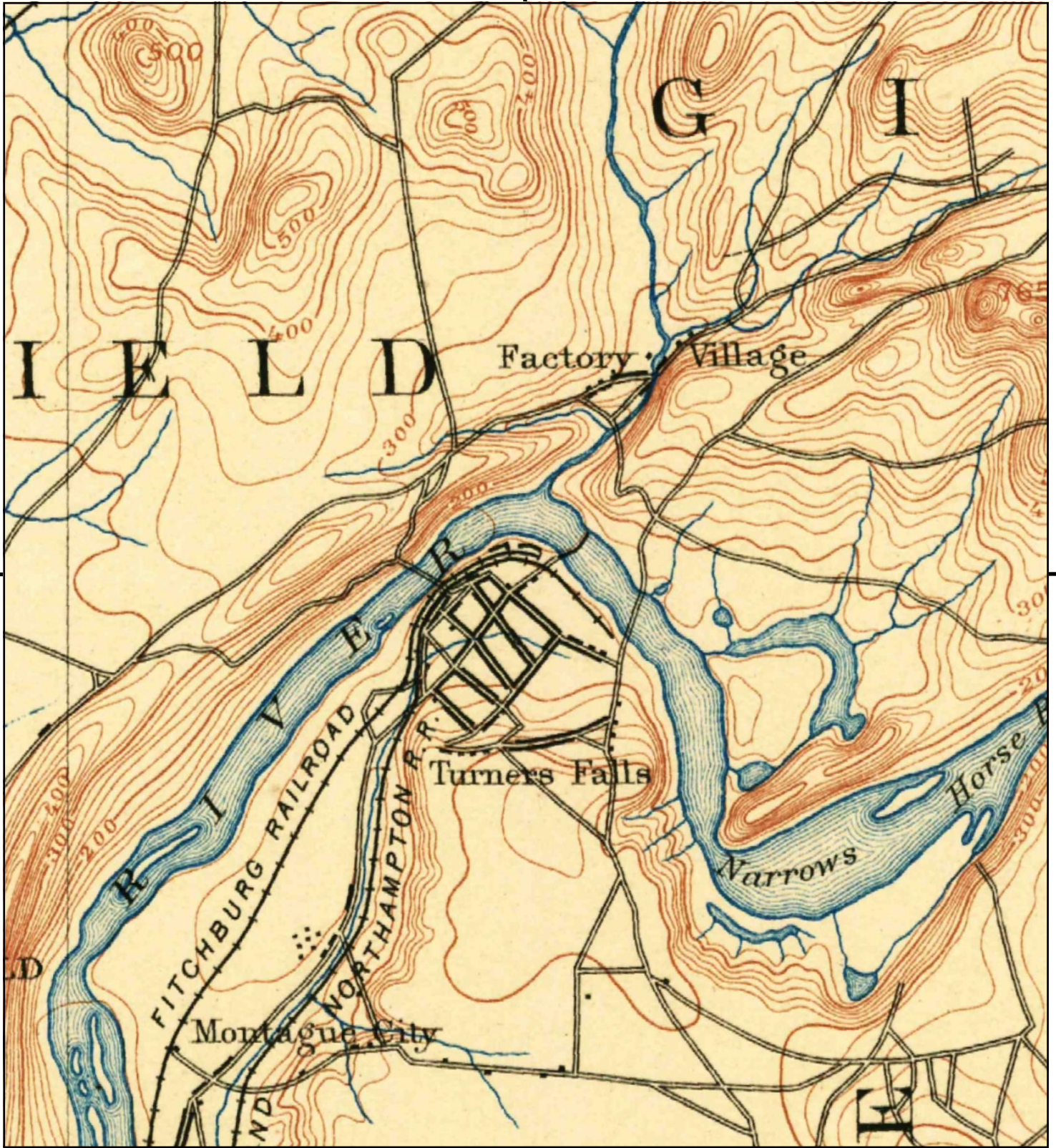
This report includes information from the following map sheet(s).



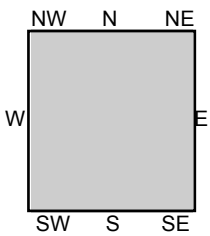
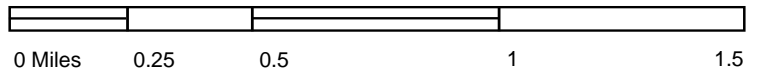
TP, Greenfield, 1894, 15-minute

SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
 CLIENT: Weston and Sampson Engineers





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



TP, Greenfield, 1890, 15-minute

SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls, MA 01376
 CLIENT: Weston and Sampson Engineers



Appendix G:
Aerial Photographs



EDIC Lot

38 Avenue A

Turners Falls, MA 01376

Inquiry Number: 7793179.8

October 16, 2024

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

10/16/24

Site Name:

EDIC Lot
38 Avenue A
Turners Falls, MA 01376
EDR Inquiry # 7793179.8

Client Name:

Weston and Sampson Engineers
55 Walkers Brook Drive, Suite 100
Reading, MA 01867
Contact: Melissa Davis



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2018	1"=500'	Flight Year: 2018	USDA/NAIP
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1992	1"=500'	Acquisition Date: April 28, 1992	USGS/DOQQ
1990	1"=500'	Flight Date: April 23, 1990	USGS
1985	1"=500'	Flight Date: April 17, 1985	USDA
1981	1"=500'	Flight Date: May 04, 1981	USGS
1975	1"=500'	Flight Date: October 28, 1975	USGS
1972	1"=500'	Flight Date: May 13, 1972	USGS
1966	1"=500'	Flight Date: May 11, 1966	USGS
1961	1"=500'	Flight Date: April 20, 1961	USGS
1952	1"=500'	Flight Date: June 16, 1952	USDA

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INQUIRY #: 7793179.8

YEAR: 2018

— = 500'





INQUIRY #: 7793179.8

YEAR: 2014

 = 500'





INQUIRY #: 7793179.8

YEAR: 2010

— = 500'





INQUIRY #: 7793179.8

YEAR: 2006

— = 500'





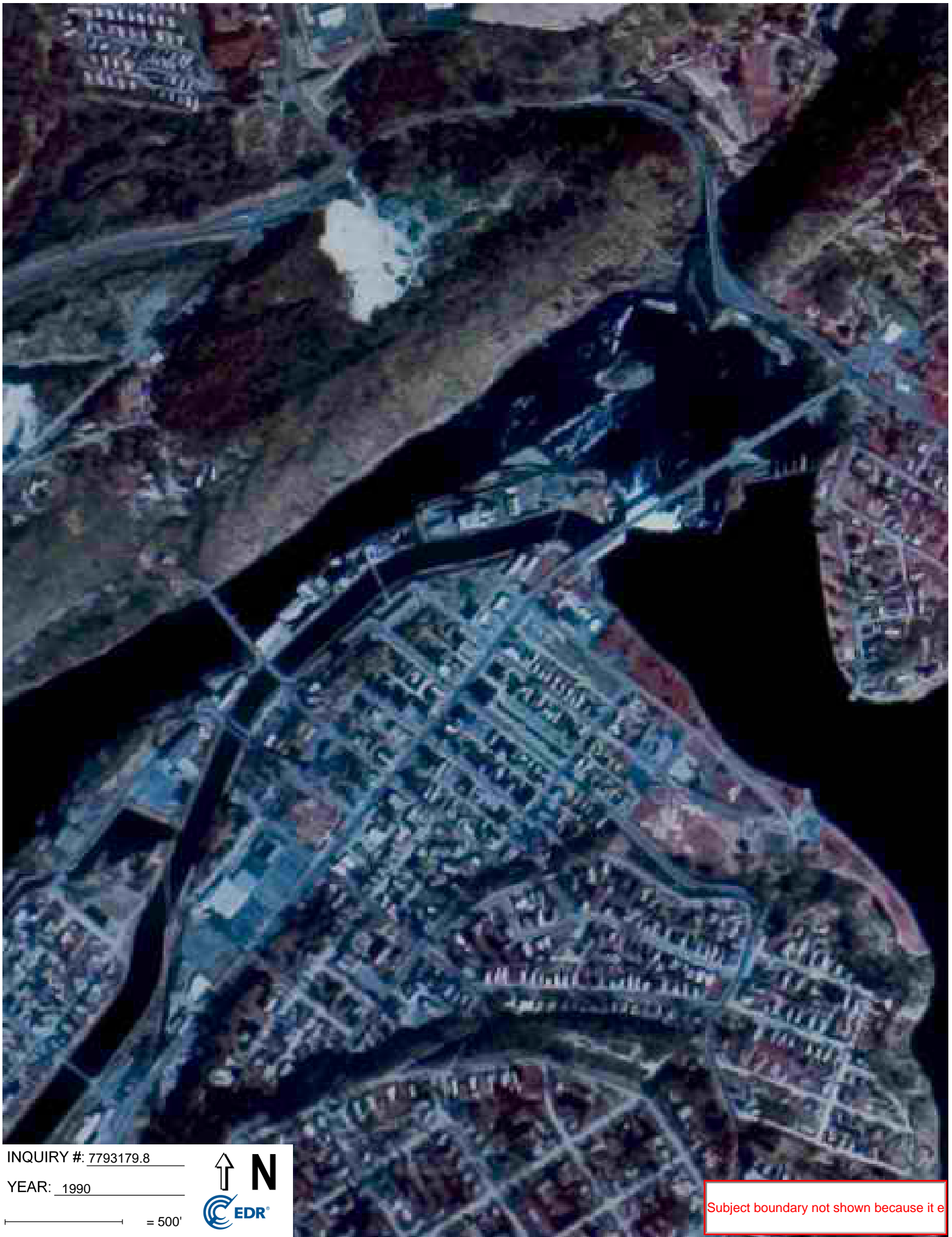
INQUIRY #: 7793179.8

YEAR: 1992

— = 500'



Subject boundary not shown because it e



INQUIRY #: 7793179.8

YEAR: 1990

— = 500'



Subject boundary not shown because it e



INQUIRY #: 7793179.8

YEAR: 1985

— = 500'





INQUIRY #: 7793179.8

YEAR: 1981

— = 500'



Subject boundary not shown because it e



INQUIRY #: 7793179.8

YEAR: 1975

 = 500'





INQUIRY #: 7793179.8

YEAR: 1972

— = 500'



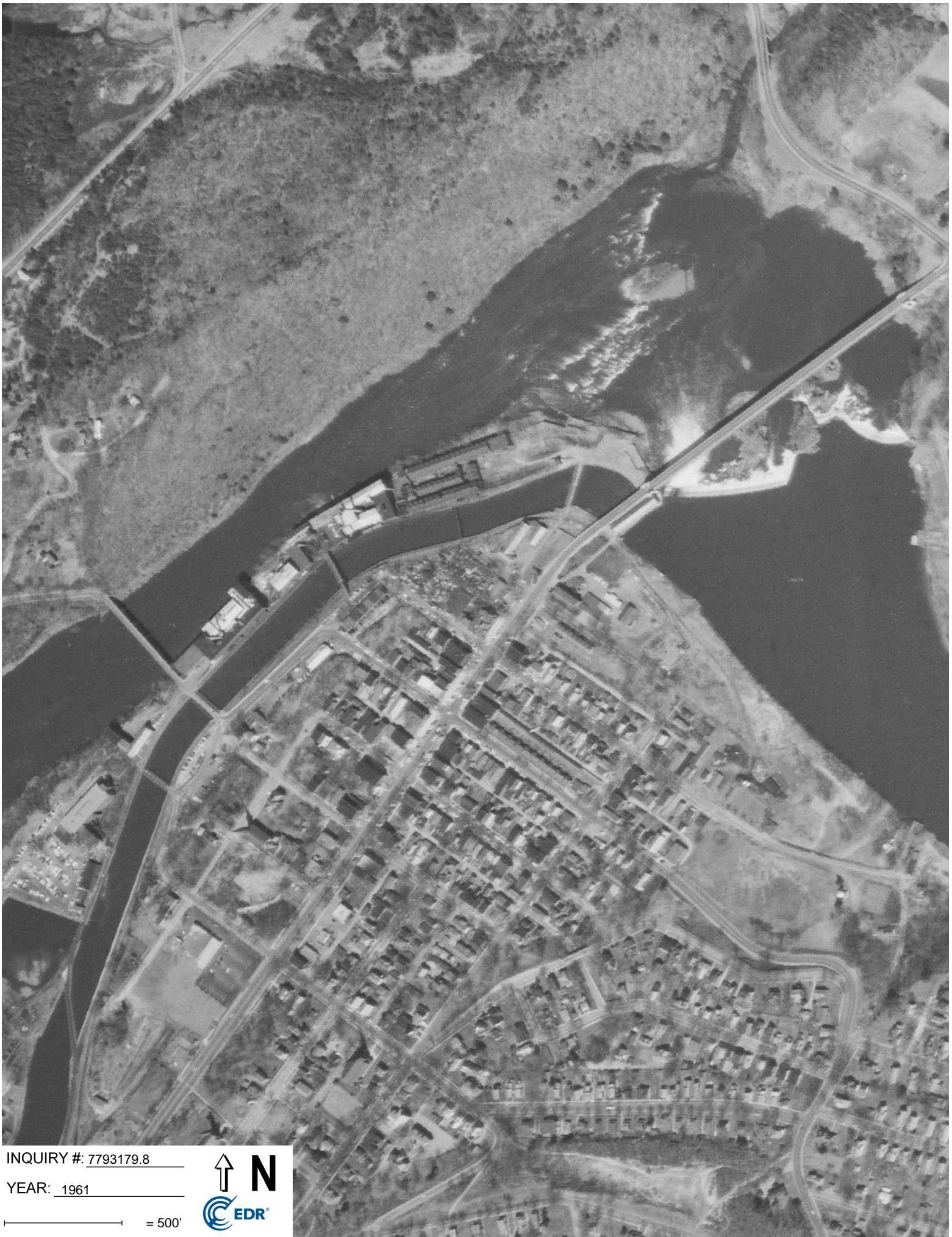


INQUIRY #: 7793179.8

YEAR: 1966

— = 500'





INQUIRY #: 7793179.8

YEAR: 1961

— = 500'





INQUIRY #: 7793179.8

YEAR: 1952

— = 500'



Appendix H:
City Directories

EDIC Lot

38 Avenue A
Turners Falls, MA 01376

Inquiry Number: 7793179.5
October 16, 2024

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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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 business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
1966	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Manning's City Directory

FINDINGS

TARGET PROPERTY STREET

38 Avenue A
Turners Falls, MA 01376

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

AVENUE A

2020	pg A4	EDR Digital Archive
2017	pg A6	Cole Information
2014	pg A9	Cole Information
2010	pg A14	Cole Information
2005	pg A20	Cole Information
2000	pg A24	Cole Information
1995	pg A28	Cole Information
1992	pg A32	Cole Information
1966	pg A37	Manning's City Directory
1966	pg A38	Manning's City Directory

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<u>2ND ST</u>		
2020	pg. A2	EDR Digital Archive
2017	pg. A5	Cole Information
2014	pg. A7	Cole Information
2010	pg. A12	Cole Information
2005	pg. A18	Cole Information
2000	pg. A23	Cole Information
1995	pg. A27	Cole Information
1992	pg. A31	Cole Information
1966	pg. A35	Manning's City Directory
1966	pg. A36	Manning's City Directory

City Directory Images

2ND ST 2020

24	Edwin Gillespie Jessica Magelaner Joseph Shaida Kathryn Gillespie
28	Anita Gruszkowski
30	Jeanifer Donaahue
34	ELECTRIC CHARGING STATION MCTV MONTAGUE COMMUNITY TV
69	ABUNDANT SPLendor HEALING CTR Amanda Adams Kellie Baker Richard Baker SACHS DANIEL
72	Linda Carme Norman Carme
75	Dave Steiner Norman Emond Shannon Emond
77	Brian Moore Cheryl Drew Frank Drew
79	Michelle Marron
83	Chris Rouse Cole Kilgallen Jonathan Hall Leah Minks
84	Danielle Phillips Laura Dibari Michael Dibari
87	Brandon Emery Cathi Emery Charles Emery MacKenzie Emery
88	Alaisiah Russell Amie Riggott Henry Brown
90	Christina Cayford
91	Brittany Mosher Jae Southerland Jessica Solarski Krystal Glushien Shakira Jhonson
92	Elizabeth Snide Merl Gray
94	Elena Kuhn Ginger Robinson
97	Brandi Wetegrove Michael Wetegrove
98	John Griese
99	Julie Martin

2ND ST 2020 (Cont'd)

99	Justine Hansen Kristina Hansen
100	Brendan Cloukey Janie Liimatainen Tara Ong



-

AVENUE A 2020

23	Theodore Burrell
29	Jailine Ramoscaraballo
	Jay Ward
	Katrina Fishercrowley
	Kishania Vegas
	Kriston Messman
	Ronald Marsh
54	Aaron Johnson
	Alan Tabachnikov
	Brent Bourbeau
	David Johnson
	Karla Soto
	Kyle Broderick
	Lauri Beaudette
	Maria Ortiz
	Sandra Facto
	Tammy Martin
57	Kim Mccarthy
60	Emmalie Dropkin
	Erin MacLean
	John McNamara
66	William Holbrook
76	Donald Bickford
	Samuel Roney
	Sitania Scott
	Steven Sommer
105	Shaun Lisk
107	Sandra Elia
108	Leticia Sailema
	Megan Velez
	Melissa Miller
	Suellen Rother
113	Emily Douglass
	Martina Louis
118	Alissia Hill
	Beverly Stafford
	Christmas Clark
	Fonda Bieniek
	Grace Moore
	Lawrence Bourbeau
	Madeline Murray
	Nancy Shaw
	Patrick Cavanaugh
	Ronnie Dearmond
129	Michael Graffius
	Trisha Pecor

Target Street

Cross Street

Source

-

✓

Cole Information

2ND ST 2017

34	MCTV MONTAGUE COMMUNITY TV
69	LABELLA FLORIST
141	EAGLE AUTOMOTIVE
147	JP TIRE & AUTO

AVENUE A 2017

1	TOWN OF MONTAGUE VILLAGE OF TURNERS FALLS
2	US FISH & WILDLIFE
7	THE SHADY GLEN
23	BETWEEN THE UPRIGHTS AT 2ND STREET
38	GREAT FALLS DISCOVERY CENTER
52	CROCKER CUTLERY LIMITED PARTNERSHIP HOLY SMOKES BBQ DELICATESSEN THE COUNTRY CREAMEE TWISTERS
56	GARYS COINS & ANTIQUES
57	CECES CHINESE RESTAURANT SUBWAY
59	JAY KS LIQUORS
62	LOOT
71	SHEA THEATER BOX OFFICE
74	EDS BARBER SHOP
85	NORTHEAST FOUNDATION FOR CHILDREN IN
101	PIPIONES SPORT SHOP
102	STUFF
107	CHARON ART VISIONARY TATTOO
119	TURNERS FALLS PIZZA HOUSE
123	CT RIVER LIQUOR PURPLE MEADOW VENTURES INC TOGNARELLI HEATING & COOLING
125	BLACK COW BURGER BAR EQUIS STORE
131	KHARMA SALON
151	ABOUTFACE COMPUTER SOLUTIONS INC THE AUDIO VIDEO HOUSE
152	PORT HARBOR POWER TOWN APARTMENTS
159	AH RIST INSURANCE
166	KALI BS WINGS & THINGS RIFFS NORTH INC
169	BOOSKAS FLOORING
173	AVENUE A DENTAL
174	DOLAN & DOLAN ATTYS
176	GREENFIELD COOPERATIVE BANK NEW ENGLAND FARMERS UNION
177	MONTAGUE REPORTER INC
178	UNITED STATES GOVERNMENT

2ND ST 2014

24	FONDRY, MARLENE FOWLER, ALLEN V
28	HOULE, CAROL A JOHNSON, ALICE M
30	BOWMAN, MARGARET G PHILLIPS, PHILIP
34	MCTV MONTAGUE COMMUNITY TV
61	FORD, D
69	PUCHALSKI, LAURA J
72	CARME, NORMAN A
75	EMOND, NORMAN P WARD, NORMAN W
76	BENEDICT, RAYMOND CARTER, KYRON GAGNON, CHRISTOPHER L PARKER, CAROL PARKER, KRISTINE
77	BIENIEK, CHERYL C DREW, KERI PEDERZINI, STEPHANIE ROSEWARNE, KATIE
79	CARABALLO, LUIS GLASSMAN, MARGARET S GRISWOLD, ELIC MOYER, RICHARD NATER, THOMAS
80	BAKER, KELLIE D DUNPHY, TED
83	KILGALLEN, COLE MCLAUGHLIN, TIMOTHY
87	EMERY, CHARLES H EMERY, CHUCK
88	CADIZ, TINA SIMMONS, DAUNTE
90	MIMITZ, JOHN
91	WALKER, AMY
92	DESREUISS, SAMANTHA J FREDRICK, ROBERT HOYT, THOMAS E LINNELL, THEODOR R RAPELYE, ASHLEY
96	OCCUPANT UNKNOWN,
97	OCCUPANT UNKNOWN,
98	LIVELY, MONIKA SCHMIDT, BETSY
99	CHRISMAN, MICHAEL A HANSEN, JUSTINE E NELSON, MARILYN B
100	CLOUKEY, BRENDAN JOHNSON, ANGELA

Target Street

Cross Street

Source

-

✓

Cole Information

2ND ST 2014 (Cont'd)

100	STETSON, MIKE WYATT, AUTUMN
103	SOKOLOSKI, CHARLES E
104	CLARK, CHRISTMAS A CLOUGH, LAUREN R PLACENTINO, PAUL R
105	BUZZELL, SYLVIA CRUZ, FRANCES MERSON, BENJAMIN TORRES, LUIS A
108	BRYANT, ABBE LEGERE, JOSEPH
134	DECRISTOPHER, TIM D TINKER, CONNIE D
145	BERTHUME, ROGER
147	EAGLE AUTOMOTIVE

AVENUE A 2014

1	TOWN OF MONTAGUE TURNERS FALLS VILLAGE OF POLICE DEPT VILLAGE OF TURNERS FALLS
2	US FISH & WILDLIFE
4	ANTONIO, JUDY D
7	THE SHADY GLEN
23	BETWEEN THE UPRIGHTS AT 2ND STREET
29	CUTTER, SUZANNE DOBIAS, TOBY E MORALES, WANDA
38	GREAT FALLS DISCOVERY CENTER
52	CROCKER CUTLERY LIMITED PARTNERSHIP HOLY SMOKES BBQ DELICATESSEN TWISTERS
54	BEAUDETTE, CASEY J BOURBEAU, BRENT A FACTO, SANDRA L JOHNSON, AMOS J MARTIN, TAMMY ORTIZ, MARIA C
57	CECES CHINESE RESTAURANT SUBWAY SANDWICHES
59	J KS LIQUORS JAY KS LIQUORS
60	BROWN, STEVEN D MCNAMARA, JOHN D
62	LOOT
66	JAKES TAVERN
71	SHEA THEATER BOX OFFICE
74	EDS BARBER SHOP
76	GREEN, RICHARD GRENHAM, JANICE LACASSE, MADELEINE POE, BRIAN PRUE, SCOTT L RIVERIA, FRANCES SANCHEZ, JULIA
85	NORTHEAST FOUNDATION FOR CHILDREN IN
101	PIPIONES SPORT SHOP
105	LISK, SHAUN
108	BASCON, P CRIOLLA, MARIA E RIVERA, KAREN
113	PRITCHETT, CATHERINE
115	ANTIQUES GARYS COINS
118	BOURBEAU, KEN A BRUNETTE, PATRICIA L CLARK, CHRISTMAS A DEARMOND, RONNIE L HARTY, AMANDA

AVENUE A 2014 (Cont'd)

118	MACCONNELL, ALICE MURRAY, MADELINE I SMITH, LAWRENCE WEAVER, CORTNEY E
119	TURNERS FALLS PIZZA HOUSE
123	PURPLE MEADOW VENTURES INC
125	BLACK COW BURGER BAR
129	HOWE, LEE PECOR, JODI L
131	KHARMA SALON
151	A V HOUSE ABOUTFACE COMPUTER SOLUTIONS INC AUDIO VIDEO HOUSE THE
152	BALUT, BERTHA BILLIEL, STEVEN D BULMAN, PATRICIA A BUNDRAWICH, M CATANZARITA, WALTER CAVANAUGH, MARY E CRAIG, BONNIE DUCHARME, DORIS ENGLE, GARY G GERRY, LEYLAND J HOSMER, NANCY KRUEGER, MARCIA A LAPINE, ESTHER LIEFF, MATTHEW E LOUD, MARK V MILLER, JEFFREY N POWER TOWN APARTMENTS SERRELL, FORREST F TERRY, SUSAN J VIAS, JAMES D WILLIAMS, ROGER L
155	BASHAM, KAYLA OCONNELL, JACQUELINE T
157	AUDIO VIDEO HOUSE INC
159	AH RIST INSURANCE
161	CUNHA, EDITE
166	J & L HOLDINGS INC KALI BS WINGS & THINGS
169	BOOSKAS FLOORING
170	DUDA, HENRY C GRAY, MERLE GREENE, JAMES M
171	CARTER, TERRY L DRIGGERS, BARBARA E FISHER, MATTHEW HALL, PATRICK TILLMAN, BEVERLY

AVENUE A 2014 (Cont'd)

171	WHITNEY, DAVID
172	BASCOM, JOANNE I JOHNSON, CASEY MARIE, DWANE S MASCHO, MICHAEL
173	AVENUE A DENTAL
174	DOLAN & DOLAN ATTYS DOLAN JAMES F ATTY
175	AKEY, JOHN F HAUEISEN, HEIDI S KNAPP, SHELLEY K NEWTON, JOSHUA POLACEK, CASANDR RENAUD, ANGELIA R SCHNEIDER, ROBERT M STEVENS, JOHN
176	GREENFIELD COOPERATIVE BANK
177	MONTAGUE REPORTER INC
178	UNITED STATES GOVERNMENT

2ND ST 2010

24	COATES, ALAN G FONDRY, MARLENE
30	BOBEE, D BOWMAN, MEG G SCHOEDEL, WILLIAM J WALSH, JEFF A
61	FORD, D
66	RAMIREZ, JOHN A
69	2ND STREET BAKING CO
70	OCCUPANT UNKNOWN,
72	VELANDER, HENRY V
75	EMOND, NORMAN P WARD, NORMAN W
76	CUMMINGS, BETH A DIGGS, MARCEL
77	DREW, FRANK J ROSEWARNE, KATIE
79	GRISWOLD, ELIC
80	DUNPHY, TED
83	PITEL, DMITRY ROUSE, CHRIS L SULDA, PAUL V
84	GOH, S TEOSTI, N VANALSTINE, JOSH
87	EMERY, CHARLES H
88	BROWN, HENRY GONZALEZ, CARMEN C RIGGOTT, AMIE SIMMONS, DAUNTE
90	BRYAN, MICHELLE
92	HORN, CHRISTINA R HOYT, LESTER LINDSEY, PATRICIA MCCAFFREY, MICHAEL TAYLOR, SUE A
94	HOLEWA, BARBARA MILLANE, ERIN L
96	KING, ERVIN
97	BLACK, LISA
98	BEDNARSKI, JAMESON GRAVES, HILARY SCHMIDT, BETSY
99	LADA, JOSEPH
100	CLOUKEY, BRENDAN JOHNSON, ANGELA LACOUNT, ASHLEY STETSON, GAIL M TOBEY, MICHAEL A WYATT, AUTUMN

Target Street

Cross Street

Source

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Cole Information

2ND ST 2010

(Cont'd)

103	SOKOLOSKI, SHERYL H
104	BOOKER, SEAN CLOUGH, LAUREN R
105	FISH, DANIEL THIBODAUX, CHRISTEL TORRES, LUIS A
108	MARTINEAU, JAMES G MILANO, JOSEPH C
134	ADAMS, K R FROST, JAMES JIMENEZ, OMAR JONES, EMILY MILLETT, BECK SEVENE, WILLIAM

AVENUE A 2010

1	ADMINISTRATIVE ASSISTANT ASSESSORS BOARD BOARD OF HEALTH BOARD OF SELECTMEN BUILDING INSPECTOR CARNEGIE LIBRARY CITY TREASURER MONTAGUE BOARD OF HEALTH MONTAGUE BUILDING INSPECTOR MONTAGUE DISTRICT NURSE MONTAGUE EXECUTIVE OFFICE MONTAGUE RETIREMENT BOARD MONTAGUE SELECTMEN BOARD MONTAGUE TAX COLLECTOR MONTAGUE TOWN POLICE DEPT MONTAGUE TOWN TREASURER RETIREMENT BOARD TAX COLLECTOR TOWN ACCOUNTANT TOWN CLERK TOWN OF MONTAGUE POLICE DEPT TOWN PLANNER
2	GREAT FALLS DISCOVERY CTR
4	ANTONIO, JUDY D
7	SHADY GLEN
23	BETWEEN THE UPRIGHTS AT 2ND ST
29	BURNES, C CANON, MARK G DOBIAS, TOBY E EDWARDS, LOIS HIRALDO, JUAN LOGUE, ROBERT POTTER, LOIS WALSH, CATHERINE
52	CROCKER CUTLERY LTD PRTNRSH
54	BEAUDETTE, CASEY J BENEDICT, JOHN O BOURBEAU, MARGARET M FACTO, SANDRA L MORRISON, BRITTANY PAYNE, A R RYU, SOHYUNG STEARNS-FACTO, SANDRA
57	CHINATOWN RESTAURANT SUBWAY
59	JAY KS LIQUORS
60	BROWN, STEVEN D MCNAMARA, THOMAS S
62	TURNERS FALLS ORAL HEALTH
66	JAKES TAVERN

AVENUE A 2010 (Cont'd)

71	SHEA THEATER BOX OFFICE
74	EDS BARBER SHOP
76	ESCOBALES, KRYSTON FERN, NATHAN GREEN, RICHARD GRENHAM, JANICE HOLMES, DECARLO LACASSE, MADELINE LENNOX, H NEWTON, JESSICA A OBRIEN, ROBERT G OHMAN, JUDITH RAYMOND, M RICCIO, DONALD ROSSI, DAVID M SANCHEZ, JULIA SMITH, MERLE R VALENTIN, JASON YOUNG, ASHLEIGH
85	GALLERY AT HALLMARK
101	PIPIONES SPORT SHOP
102	ARNIES WHOLESALE
107	JENSEN, ENOCH PALMER, KAREN L
108	ANDERSON, MARGARITA MATOS, TAMISHA ORTIZ, FERNANDO PEREZ, APOLONIO C SAELEMA, LETICIA
111	ROUND HERE CAFE
112	ABSOLUTELY FABULOUS HAIR
115	SETH & EVAS
118	DEARMOND, RONNIE L MACCONNELL, ALICE MARTINEZ, TINA L MELLOR, SHARON Q MONETTE, D MURRAY, MADELINE I ROBERSON, JOHNNY ROMERO, VIRGEN RUEHLE, FRANK STAFFORD, BEVERLY A WEAVER, CORTNEY E
119	TURNERS FALLS PIZZA HOUSE
123	TOGNARELLI HEATING & COOLING
125	EQUIS STORE
129	CLARK, DEANDRE HERZIG, SHAWN HOWE, L MURPHY, THEODORE

AVENUE A 2010 (Cont'd)

129	TOMASKOWICZ, RICHARD
131	KHARMA SALON
151	AUDIO VIDEO HOUSE
152	ARONE, BABARA
	BALUT, BERTHA
	BILLIEL, STEVEN D
	BULMAN, PATRICIA
	BUNDRAWICH, M
	CATANZARITA, WALTER
	CAVANAUGH, MARY E
	DONAHUE, JOHN
	ENGLE, GARY G
	GERRY, LEYLAND J
	HOSMER, NANCY
	KRUEGER, MARCIA
	LOUD, MARK
	MILLER, JEFFREY N
	NUNEZ, JOHN
	TERRY, SUSAN J
	VIAS, JAMES D
	VIELMETTI, JENNIFER
	WILLIAMS, ROGER L
155	DASHIELL, DAVID
	MILOTA, J
159	SOKOLOSKY REALTY
161	CUNHA, EDITE
166	RISTORANTE DI PAOLO
169	BOOSKAS FLOORING
170	CARON, BA
	DUDA, HENRY C
	GRAY, MERLE
	GREENE, JAMES M
171	CARTER, TERRY L
	DRIGGERS, BARBARA E
	ELWELL, JOSH
	GIBSON, DAVID F
	HALL, PATRICK
	KENNEY, HEATHER
	OCASIO, PEREZ W
	WHITNEY, DAVID
	WITALISZ, ROBERT J
172	GUGLIELMI, ANTHONY
	MARIE, DWANE S
173	AVENUE A DENTAL
175	AKEY, JOHN F
	CLEM, JAYME
	CRONIN, H
	ELLIS, GREG
	HEATH, C
	LANG, AMY

Target Street

Cross Street

Source

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Cole Information

AVENUE A 2010 (Cont'd)

175	NUNE, A SCHNEIDER, ROBERT M
177	EQUITY TRUST
178	US POST OFFICE

2ND ST 2005

24	FONDRY, M
28	GILLESPIE, EDWIN A
30	BOWMAN, MEG G FLECHA, S
34	GREENFIELD COMMUNITY TELEVISION
60	OCCUPANT UNKNOWN,
61	FORD, D
64	OCCUPANT UNKNOWN,
66	OCCUPANT UNKNOWN,
67	BOOKER, C
68	OCCUPANT UNKNOWN,
70	CONNOR, DEBBIE
72	VELANDER, HENRY V
75	EMOND, SHANNON L WARD, NORMAN W
76	BASCOM, JEREMY PAGE, LUCINDA W SCHECHTERLE, STEVEN J SLANIGAN, SUNSHINE
77	BIENIEK, JOHN CUTLER, JOHN E JOHNSON, JOHN KOHLER, JEFFREY J LEPAGE, PAULINE G
79	KURTYKA, MICHELLE K
80	GOWEY, JOHN
83	SULDA, PAUL V
84	CADRAN, FRANK J DIBARI, MICHAEL L GLAZIER, HARRY L PROULX, JEANINE M SAVINSKI, LILLIAN M
87	EMERY, CHARLES H
88	BROWN, HENRY GONZALEZ, CARMEN G
90	KEENEY, DECEANE
91	AUSTIN, JULIA B
92	DAVID, JAMES GARY, T METSIOU, KEVIN POTTS, D
94	HOGAN, MARY E MASCHO, MICHAEL PHILBROOK, EDWARD J
96	OCCUPANT UNKNOWN,
97	OCCUPANT UNKNOWN,
98	BOWEN, EARL W BROOKS, JODI R CULLENY, J J WHITMAN, JOE

2ND ST 2005

(Cont'd)

99	MERTZ, DAVID Q
100	OCCUPANT UNKNOWN,
102	THERIEN, DENNIS
103	WILLIAMS, RON A
104	CLARK, KATHLEEN
	CLOUGH, LAUREN R
	EGAN, MICHELLE F
	FORD, RICHARD
	MARCHEFKA, MARY
	PLACENTINO, PAUL R
	WRIGNT, A
105	DEBERRY, DANIELLE
	HALLEY, DANIEL J
	HOLMES, CARL J
	LEFRANCOIS, STEFANIE
	PORITZ, S
	RODRIGUEZ, ANTHONY
	TORRES, LUIS A
	WILLIAMS, MIKE
108	MILANO, MICHAEL A
141	DECHRISTOPHER, TIMOTHY
145	OCCUPANT UNKNOWN,



-

AVENUE A 2005

1	MONTAGUE CENTER MONTAGUE TOWN OF EXECUTOR OFFICE SELECTMAN SPECIAL REVENUE FUNDS TOWN OF MONTAGUE
7	SHADY GLEN
29	CANON, MARK G EASTON, J GARCIA, JOSE A GUZMAN, AMILCAR POTTER, LOIS ROUSSELL, THERESA SCHILLING, JEFFREY
38	GREAT FALLS DISCOVERY CENTER
52	CROCKER CUTLERY LIMITED PARTNERSHIP
54	BEAUDETTE, CASEY BENEDICT, JOHN O BOURBEAU, MARGARET M FITZPATRICK, DAN C FROST, JILLSON JONES, ARIEL MCINTOSH, ANGELA R SANGPO, PALDEN SMITH, GERTRUDE L STEARNS-FACTO, SANDRA
57	CHINATOWN RESTAURANT SUBWAY OF TURNERS FALLS
59	JAY K S LIQUORS
60	BACIGALUPO, RICHARD BARBOSA, M BROWN, STEVEN D DOBIAS, TOBY E GALIPAULT, KAREN M GLUSHIEN, LILLIAN
66	JAKES TAVERN
71	THE SHEA
76	GEOFFREY, CHRISTOPHER GLEASON, BOBBI GRENHAM, JANICE HARKNESS, ANDY MARTINEZ, ANGEL L OCONNOR, S PATULLO, BRENDA PAYNE, CLAUDE F WILLIAMS, GARY W
85	JADUKE CTR FOR THE PERFORM WINROCK ECOLOGICAL SERVICES
101	PIPIONES SPORT SHOP
106	ARIEL JONES STUDIO
107	HOSMER, N

AVENUE A 2005 (Cont'd)

107	PALMER, KAREN
108	ANDERSON, IRA BONANNO, CHRISTOPHER C CLARK, CHRISTOPHER COLLAZO, C FUENTES, ARGENIS GARCIA, C GARCIA, G JONES, CATHERINE LIN, DEXIONG ORTEGA, ALEX PEREZ, APOLONIO C RAMIREZ, FIDENCIO WOOLSEY, SHAWN
109	VETERANS CLUB OF TURNER FALLS INC
112	SPECIALTY GARDEN SUPPLIES
115	EDS BARBER SHOP
118	ARONE, BARBARA E MARTINEZ, EVA MATTESON, HEATHER M MURRAY, MADELINE I RYAN, THOMAS F SELICIANO, S SICARD, GLADYS L SOPHIA, G WHITE, RUTH E YORK, FRED A
119	TURNERS FALLS PIZZA HO
123	TOGNARELLI HEATING & COOLING
125	WILLIAMS, WALTER L
129	ROLLINS, JUSTIN SPEEK, JOHN
131	REGAL REAL ESTATE
151	A V HO
152	BALUT, BERTHA BILLIEL, STEVEN D CATANZARITA, WALTER CAVANAUGH, MARY CUMMINGS, C T DONAHUE, JOHN HANLON, ROSEMARY M LETOURNEAU, EDWARD MAZUR, LINDA L MILLER, JEFFREY PARK, MEEHEE H PARK, MILDRED L PERKINS, ARTHUR SILVA, KATHLEEN SUTTON, CANDICE TENNEY, LINDA

AVENUE A 2005 (Cont'd)

152	VALENTINE, M WARNER, NANCY A WILLIAMS, ROGER L
155	RUDDER, LAURENCE E
159	A H RIST INSURANCE AGENCY INC
169	BOOSKAS FLOORING
170	DUDA, HENRY C GREENE, JAMES M JOHNSON, SUSAN LICATA, S PAGE, DALE
171	ADAMS, K BISHOP, S DESILETS, PAUL A GRYBKO, STEPHANIE HATCH, K HUSKOVIC, SEAD INTERLANDE, VINCENT J LABIER, SHAWN D SCOTT, S SHUTTLEWORTH, JILLIAN SNIDE, JOHN WITALISZ, ROBERT J YATES, DANIEL E
172	BALSEWICZ, GREGORY A BARRETT, IAN GUGLIELMI, ANTHONY J HOKE, ELIZABETH RICHARDS, STEPHEN P
173	MARK A WISNIEWSKI DDS
174	CLANCY MICHAEL P
175	AKEY, JOHN F DREW, BARBARA HALEY, SALLY HAUEISEN, HEIDI JORDAN, MATTHEW LANDRY, J LANG, AMY LENOIS, RED LEVEILLE, REBECCA A LISEWSKI, VICKI MATTHEWS, ANN E MORGAN, JENNIFER N OSORIO, A PARKER, RANDY L SOWERS, JAMES STEVENS, JOHN THOMPSON, DIANE
178	UNITED STATES POSTAL SERVICE

2ND ST 2000

24	HATT, MARK
30	PHELAN, E
66	THERIEN, BARBARA
67	OCCUPANT UNKNOWN,
68	OCCUPANT UNKNOWN,
70	OCCUPANT UNKNOWN,
71	SILVER, R
72	VELANDER, HENRY V
75	KROL, JEAN E
	WARD, NORMAN W
77	BIENIEK, CHERYL
	CHAFFIN, C
	CHERYL, BIENIEK
79	KURTYKA, M
	PERVERE, WARREN J
80	BARRETT, DANIEL
83	KLILENKO, S
	SULDA, PAUL
84	CADRAN, EDWARD H
	SULDA, FRANCIS L
87	AMES, MARK
	EMERY, CHARLES H
	EMERY, L
88	GEDDIS, SHANE
90	PAULIN, BOB
91	LAWOR, RAYMOND
	TURNER, DAVID L
92	CLARK, HAROLD
	LAMOUNTAIN, VICTOR
94	OCCUPANT UNKNOWN,
96	OCCUPANT UNKNOWN,
97	BRITO, SHARROW F
98	BROOKS, JODI R
	KING, RICHARD
	RANNIKKO, DAVID F
99	MERTZ, DAVID
	SUSHINSKY, MARY A
100	TOBEY, THOMAS
104	CLOUGH, LAUREN R
	CROTEAU, VIONA M
105	BARNETT, MAXIE
	DEAN, JASON
	HEKLER, M
	MARTIN, ELEANOR A
	RAYMOND, C
108	MILANO, JOSEPH C
145	CHAPIN, ROBERT P
147	WILLIAMS GARAGE

AVENUE A 2000

1	EASTERN FRANKLIN COUNTY HEALTH DISTRICT MONTAGUE POLICE DEPARTMENT MONTAGUE TOWN OF TOWN OF MONTAGUE ACCOUNTANT TOWN OF MONTAGUE ASSESSORS BOARD TOWN OF MONTAGUE BOARD OF HEALTH TOWN OF MONTAGUE BUILDING INSPECTOR TOWN OF MONTAGUE DISTRICT NURSE TOWN OF MONTAGUE EXECUTIVE OFFICE TOWN OF MONTAGUE HIGHWAY DEPARTMENT TOWN OF MONTAGUE LIBRARIES TOWN OF MONTAGUE POLICE DEPARTMENT TOWN OF MONTAGUE RETIREMENT BOARD TOWN OF MONTAGUE SELECTMEN BD TOWN OF MONTAGUE TOWN CLERK TOWN OF MONTAGUE TOWN PLANNER TOWN OF MONTAGUE TREASURER TOWN OF MONTAGUE VETERANS SERVICE CENTER TURNERS FALLS VILLAGE OF POLICE DEPARTMENT
2	THOMAS & THOMAS ROD MAKERS
7	SHADY GLEN TOWN OF MONTAGUE PARK & RECREATION DEPARTMENT
23	2ND STREET CAFE
29	NAPA AUTO PARTS POWLING, ERIC K WAH DEN
38	GREAT FALLS DISCOVERY CENTER UNITED STATES GOVERNMENT INTERIOR DEPARTMENT
57	CHINATOWN RESTAURANT SUBWAY OF TURNERS FALLS RESTRNT
59	J KS LIQUORS JAY KS LIQUORS
60	ACKEN, ALEXIS L GLUSHIEN, LILLIAN QUINLAN, C WEAVER, DAMIEN
62	BALLOON ARK
66	D J BARONS INCORPORATED
71	SHEA THEATER BOX OFFICE
74	REGAL REAL ESTATE
76	BUFFUM, B DENKIEWICZ, HAROLD T GRENHAM, JANICE HICKEY, GARY J MCDONOUGH, HEATHER L MITCHELL, FRANK ROURKE, JAMES M SANDBERG, D SANDERS, F TORRES, N

AVENUE A 2000 (Cont'd)

76	VARILLY, J
101	PIPIONES SPORT SHOP
102	ARNIES WHOLESALE
106	COFFEE PLUS
108	FAVREAU, MICHAEL J
	POREY, D
	SCHMIDT, J
	SOULIA, RANDY
109	VETERANS CLUB OF TURNER FALLS INCORPORATED
111	SISTERS ECA PLUS
115	EDS BARBER SHOP
	STARBUCK GEO & SONS INCORPORATED PLMBRS
118	BARRETT, JUDITH
	MURRAY, M
	RYAN, THOMAS F
	SICARD, GLADYS
	STAFFORD, BEVERLY
	WHITE, R E
119	TURNERS FALLS PIZZA HOUSE
125	DAVIS, J
	EQUIS STORE
129	KLEIN, A
131	SECOND HAND ROSE
151	A V HOUSE
	AUDIO VIDEO HOUSE THE
152	BALUT, BERTHA
	BASTARACHE, ALFRED
	BILLIEL, STEVEN
	BRUNT, JASON N
	BURNS, HARVEY R
	BUTCHER, JUSTIN
	CATANZARITA, W
	GEORGE, PHYLLIS B
	JACOB, PETE
	NICHOLSON, D
	PERKINS, ARTHUR
	POWER TOWN APARTMENTS
	RAU, HELEN
	REED, ELBERT
	SILVA, K
	SMITH, P M
155	BUSHEE, JOSEPH J
	COLLINS, ARIANNA A
	SAVOY, GARY
159	RIST A H INSURANCE AGENCY INCORPORATED
161	LACOSSE, RICHARD J
169	BOOSKAS FLOORING
171	AYOTTE, R
	GIBSON, DAVID
	HOLMES, C

AVENUE A 2000 (Cont'd)

- 171 LINDOP, TIM
POTTS, GAIL
WITALISZ, ROBERT
YATES, DANIEL
- 172 CLOUTIER, DAVID
GUGLIELMI, ANTHONY
LEBLANC, ANGELA J
RICHARDS, S
SCHMITH, SCOTT A
- 173 TURNERS FALLS ORAL HEALTH
WISNIEWSKI MARK A DDS
- 174 DOLAN & DOLAN
DOLAN JAMES F ATTORNEY
JOHNSON, HELEN B
MORRIS WILLIAM J LAWYER
- 175 AKEY, JOHN F
ALLIS, RAYMOND
CARDELL, JOANNE J
DREW, B
LENOIS, SHERRY
MATTHEWS, ANN
- 177 FOR BUYERS ONLY
- 178 UNITED STATES GOVERNMENT POST OFFICES

2ND ST 1995

24	ROCK, MILTON R & JANICE ZIMMERMAN, JAS R
28	MARSZALEK, EDALIA POIRIER, A
30	MARTIN, TODD
66	PAYNE, A RAY
70	MASSIE, JOHN
72	VELANDER, HENRY V
75	KROL, JEAN E KROL, JOSEPHINE WARD, NORMAN W
77	BENEDICT, H CHAFFIN, CHRISTOPHER & JUANITA
79	PERVERE, WARREN J
80	COOPER, SHARON
83	HANSON, DAVID SULDA, PAUL
84	CADRAN, EDW H SULDA, FRANCIS L & ROSE MARIE
87	EMERY, CHAS H JR & CATHI S EMERY, L
88	DOOLITTLE, CARRIE
90	DUHAIME, H & R
91	BROZO, STEPHEN A, JR TURNER, DAVID L
92	LAMOUNTAIN, VICTOR, JR MCGRATH, NORMAN E
94	AUGER, MICHAEL
96	TURNER, TERRY & GRACE
98	BOWEN, EARL
100	SIMMONS, DALE TOBEY, BERNARD F TOBEY, THOS
103	SOKOLOSKI, S SOKOLOSKI, T
104	DRESSER, CHAS E FERLAND, J
105	HAMILTON, STEVE & DAVE HOLT, DAVID H MARTIN, E A THORNTON, DAN
108	GRAY, MARY
145	BRULE, JOS
147	WILLIAMS GARAGE



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AVENUE A 1995

1 EASTERN FRANKLIN COUNTY HEALTH DISTRICTT
 KULIK, STEPHEN REP
 KULIK, STEPHEN, REP
 MONTAGUE TOWN OF ADMINISTRATIVE ASSISTANT--
 MONTAGUE TOWN OF-ACCOUNTANTT
 MONTAGUE TOWN OF-ASSESSORS BOARDD
 MONTAGUE TOWN OF-BOARD OF HEALTHH
 MONTAGUE TOWN OF-BUILDING INSPECTORR
 MONTAGUE TOWN OF-COMMUNITY DEVELOPMENT OFCC
 MONTAGUE TOWN OF-DISTRICT NURSE
 MONTAGUE TOWN OF-POLICE DEPT-DARE & DRUG HOTLINEE
 MONTAGUE TOWN OF-POLICE DEPTT
 MONTAGUE TOWN OF-RETIREMENT BOARDD
 MONTAGUE TOWN OF-SELECTMEN BDD
 MONTAGUE TOWN OF-TAX COLLECTORR
 MONTAGUE TOWN OF-TOWN CLERKK
 MONTAGUE TOWN OF-TOWN PLANNERR
 MONTAGUE TOWN OF-TREASURERR
 MONTAGUE TOWN OF-VETERAN'S SERV CTRR

2 THOMAS & THOMAS ROD MAKERS

7 SHADY GLEN

10 FARRINGTON, DAN

23 2ND STREET CAFE
 STRAZDAS, PAMELA

29 BOVAT, JOHN C
 CROUSE, CARL W, SR
 DUDA, WAYNE
 FRANKLIN AUTO SUPPLY INC
 NAPA AUTO PARTS
 WAH, DEN

38 GREAT FALLS DISCOVERY CENTER

52 SIMONS & SIMONS
 TURNERS-GREENFIELD MANAGEMENT

54 ALBRIDGE, KEN
 BEAUCHESNE, D
 DHARGAY, SANDUP
 DOBIAS, MICHAEL
 GARRETT, VERNON
 GREGORY, JOS
 JALBERT, BARRY
 JARVIS, JAS L
 KLILENKO, SVETLANA
 NOVAK, JOE
 SANGPO, PALDEN
 SMITH, LISA M

56 GOLDEN EAGLE PRESS
 MONTAGUE COMMUNITY TELEVISION

57 LIN, FENG

60 CAMPBELL, YOLANDA & JASON

66 D J BARON'S INC

AVENUE A 1995 (Cont'd)

71	SHEA THEATER BOX OFFICE
74	CARRIE'S
76	AUGER, MICHAEL CARLIN, S COTE, CHRISTOPHER S DESREUISSEAU, BRIAN FISHER, S GAGNON, P GRENHAM, JANICE MURPHY, JAS E MURRAY, M O'LEARY, S PARKS, R PEASE, SONJA PERKINS, MATTHEW WHIPPIE, BRUCE WILLIAMS, GARY W
101	PIPIONE'S SPORT SHOP
102	ARNIE'S WHOLESALE
104	EXPECT THE BEST
106	TIMBERHILL COFFEE HOUSE
108	BLACKHAWK, DAVID DAY, MALINDA HILTON, BETH LOWN, GARRETT PATNODE, RITA V SUBWAY OF TURNERS FALLS, RESTRNT
109	VETERANS CLUB OF TURNER FALLS INC
110	REGAL REAL ESTATE
111	HAIR REPAIR
115	ED'S BARBER SHOP STARBUCK GEO & SONS INC, PLMBRS
118	LAWOR, MARY MARTIN, J A SICARD, GLADYS SUND, JAS & MARGUERITE WHITE, R E
119	TURNERS FALLS PIZZA HOUSE
123	COMET CLNRS & FORMAL WEAR VETERANS RESOURCES & REFERRAL CENTER
125	EQUI'S STORE
129	STROUP, KEANE D
131	VILLAGE ENGRAVING
151	A V HOUSE AUDIO VIDEO HOUSE THE
152	BALUT, BERTHA BASTARACHE, ALFRED BILLIEL, STEVEN BRUGLIERA, TERRI BURNS, HARVEY R

AVENUE A 1995 (Cont'd)

152	CHANG, WONSUNG & KAPSOON FERRE, CLIFF JACKSON, DONALD R LANOUE, H LOUTHAN, R E PERKINS, ARTHUR POWER TOWN APARTMENTS RAU, H REIPOLD, MONA SCEPKOSKI, WALLACE T SCHOEN, R SMITH, P M
155	COLLINS, ARIANNA A MINER, DAVID B
159	RIST A H INSURANCE AGENCY INC
161	LACOSSE, RICHARD J SR & JOAN
169	BOOSKA'S FLOORING
170	BOWEN, C DAVIS, KENNETH W THERIEN, DENNIS
171	BARRETT, J COUSINEAU, G LA BIER, S LINDOP, TIM MCGRATH, G E TANNER, DOUGLAS WITALISZ, ROBT
172	CLIZBE, DALE CLOUTIER, DAVID GUGLIELMI, ANTHONY RICHARDS, S STRIDER, GEO
173	TURNERS FALLS ORAL HEALTH WISNIEWSKI, MARK A, DDS
174	DOLAN & DOLAN, ATTYS DOLAN & DOLAN, ATTYS-FAX LINE DOLAN, JAMES F, ATTY
175	BYRNES, H KENDALL, EDWARD MATTHEWS, ANN SHAW, R VALLIERE, D M
176	FLEET BANK OF MASSACHUSETTS NA
177	VIDEO REPAIR CENTER THE
178	US GOVT POSTAL SERVICE-TURNERS FALLSS

2ND ST 1992

28	CORNWELL, G A MARSZALEK, EDALIA
66	CHAGNON, ADRIAN L
67	STEINER, GARY J
68	MULLIGAN, DAWN POLIATIS, AIMEE
69	BOURBEAU'S PACKAGE STORE INC
72	VELANDER, HENRY V
75	KROL, JEAN E KROL, JOSEPHINE WARD, NORMAN W
76	CAHILL, D GAIMARI, ALFRED J
77	CLARK, DARLENE LONGO, CARL
79	PERVERE, WARREN J
80	CAMPBELL, PATRICIA A
83	SULDA, PAUL
84	CADRAN, EDW H SULDA, FRANCIS L & ROSE MARIE
87	EMERY, CHAS H JR & CATHI S EMERY, R A
91	BROZO, STEPHEN A, JR TURNER, DAVID L
92	LAMOUNTAIN, VICTOR, JR MCGRATH, NORMAN E
96	TURNER, TERRY & GRACE
98	B & H WALL SYSTEMS INC
99	GRIESBACH, RICHARD V
100	TOBEY, BERNARD F TOBEY, THOS
103	LUBOLD, HEATHER SOKOLOSKI, S
104	DRESSER, CHAS E FERLAND, J KRUZLIC, BRIAN E
105	CHAREST, DANA MARKLEY, PENNY L MARTIN, E A MCDERMOTT, SCOTT & LINDA
108	GRAY, MARY SHATTELL, DONNA
145	BRULE, JOS
147	WILLIAMS GARAGE

AVENUE A 1992

1	EASTERN FRANKLIN COUNTY HEALTH DISTRICT MONTAGUE TOWN OF-ACCOUNTANT MONTAGUE TOWN OF-ADMINISTRATIVE ASSISTANT- MONTAGUE TOWN OF-ASSESSORS BOARD MONTAGUE TOWN OF-BOARD OF HEALTH MONTAGUE TOWN OF-BUILDING INSPECTOR MONTAGUE TOWN OF-DISTRICT NURSE MONTAGUE TOWN OF-POLICE DEPT MONTAGUE TOWN OF-RETIREMENT BOARD MONTAGUE TOWN OF-SELECTMEN BD MONTAGUE TOWN OF-TAX COLLECTOR MONTAGUE TOWN OF-TOWN CLERK MONTAGUE TOWN OF-TOWN PLANNER MONTAGUE TOWN OF-TREASURER MONTAGUE TOWN OF-VETERAN'S SERV CTR
7	SHADY GLEN
29	CROUSE, CARL W, SR FRANKLIN AUTO SUPPLY INC NAPA AUTO PARTS THOMPSON, M WAH, DEN
50	CUMBERLAND FARMS FOOD STORES
52	SIMONS & SIMONS TURNERS-GREENFIELD MANAGEMENT
54	BLAIR, EVERETT C, III LAFORME, ERICKA TOMASELLO, SARAH
56	MONTAGUE COMMUNITY TELEVISION
60	CAMPBELL, YOLANDA & JASON
62	TURNERS FALLS ORAL HEALTH WISNIEWSKI, MARK A, DDS
66	D J BARON'S INC
71	SHEA THEATER-BOX OFC SHEA THEATER-BUS OFC
74	SMITH, DONALD
76	BASSETT, STEVE BONSANT, R BROWNING, MARGARET HAGERMAN, M F HERZIG, T JOBST, TINA MAREK, D MOREY, M NORWOOD, GARY PLUMMER, JOHN W TOLMAN, DANA VANCAMP, MICHAEL WHIPPIE, BRUCE
78	A-1 PIZZA
101	PIPIONE'S SPORT SHOP

AVENUE A 1992 (Cont'd)

102	ARNIE'S WHOLESALE
103	PARRIS JEWELERS
104	ENCORE
106	SKIP'S SPORT & HOBBY SHOP
108	PATNODE, RITA V SUBWAY OF TURNERS FALLS, RESTRNT
109	DALY SOLOMON VFW POST 923 VETERANS CLUB OF TURNER FALLS INC
111	HAIR REPAIR
113	RICHOTTE, TIMOTHY
115	ED'S BARBER SHOP STARBUCK GEO & SONS INC, PLMBRS
118	EVANS, J A FARBER, S KIMBALL, E REYNOLDS, M SCARBORO, CATHERINE SICARD, GLADYS SUND, JAS & MARGUERITE
119	TURNERS FALLS PIZZA HOUSE
123	COMET CLNRS & FORMAL WEAR
125	EQUI'S STORE
129	STICKNEY, E R
131	PARRIS ENGRAVING
151	A V HOUSE AUDIO VIDEO HOUSE THE
152	BALUT, BERTHA BASTARACHE, ALFRED BREEN, JACK BURNS, HARVEY R FERRE, CLIFF HAYDEN, M E HOLMAN, MARION JACKSON, DONALD R LANOUE, H LOUTHAN, R E MARONIE, THOS MCINTIRE, GORDON PERKINS, ARTHUR PLATEK, MICHAEL POWER TOWN APARTMENTS SCEPKOSKI, WALLACE T SCHOEN, R SMITH, P M
155	GARCIA, LESLIE MEDINA, PATRICIA R
159	RIST A H INSURANCE AGENCY INC
161	LACOSSE, RICHARD J SR & JOAN
166	POWERTOWN CREEMEE
169	TAYLOR R D ROD COMPANY

AVENUE A 1992 (Cont'd)

- 170 CLOUTIER, DAVID
FLAVIN, R F
REED, WM J
THERIEN, DENNIS
- 171 BERRY, KENNETH P
BOURQUE, GERALDINE
CHASE, WM C
DAILEY, K
LINDOP, TIM
MORRIS, MELISA
SOREN, FREE
WITALISZ, ROBT
- 172 ROONEY, SUSAN
- 174 DOLAN & DOLAN, ATTYS
DOLAN & DOLAN, ATTYS-174 AVENUE A TURNERS FALLS MA-FAX LINE
- 175 BREOR, T
MATTHEWS, ANN
MOORE, NANCY
- 176 FLEET BANK OF MASSACHUSETTS NA-TURNERS FALLS
- 177 M F C FEDERAL CREDIT UNION
- 178 US GOVT POSTAL SERVICE-TURNERS FALLS

2ND ST 1966

Millers Falls Tool Co shipping dept 773-5426

66 ● Harold W Blanchard 773-7067

Left side

No houses

SECOND fr Canal south to Ferry rd F-11**Left side odd numbers**

5 Vacant

27 Vacant

33 Vacant

35 Vacant

-Avenue A crosses

67 Vacant

67 Vacant

67 Mrs Julia E Drago 863-2392

67 ● Mrs Marguerite F Bourbeau 863-4530

67 Bourbeau's Package Store Inc 863-4768

75 DeLuxe Beauty Salon 863-4651

75 Mrs Julia Cislo

75 ● Walter Krol

75 Stanley Krol 863-2772

77 Mrs Mary E McCarthy

77 Kenneth C Smith

79 Wilfred H Bourbeau 863-2378

79 ● Anthony Pluta 863-2270

83 ● Alfd E Courtemanche 863-2909

r- 83 Felix J Kuninski 863-2370

83 Vacant

87 Warren J Pervere 863-3064

87 ● Chas J Weston 863-9121

91 ● Paul Czarnecki 863-2939

91 Stanley Cislo

97 ● Anna Gaynor

99 ● Richd V Griesbach 863-2441

99 Mrs Thelma McCormick

103 Christian H Fritz 863-4200

103 ● Vincent E Ferland 863-2253

107 Valentine Krysiak 863-2289

107 Mrs Anne Simkus 863-4064

107 Vacant

107 Vacant

-L crosses

145 Donald Robinson 863-4803

147 Williams Garage 863-8091

Unity Park

Franklin County Boat Club

WI INSURANCE

2ND ST 1966

Page 640

1966—H. A. MANN

Second (continued)**Right side even numbers**

- 24 © J Martin Schneider 863-8643
 24 Russell F Rice 863-4784
 28 Fredk S Klaiber 863-4560
 28 Mary Marszalek 863-2273
 30 Grace Davis 863-8641
 30 Leger E Verrier 863-4040
—Avenue A crosses
 60 Beaubien-Bonnette Fuel Co Inc 863-4581
 64 Chester Sak 863-4607
 66 Frank E Pipione 863-3258
 68 Vacant
 70 Mrs Winona E Gair
 72 Albert E Velandier
 76 Lloyd R Williams
 76 Alfd J Gaimari 863-2798
 76 Theresa Redling
 76 Vacant
 80 Adrian Chagnon 863-4822
 80 Wayne P Chapin
 80 Edw R Hmieleski 863-4474
 84 Paul V Sulda 863-4714
 84 © Edw H Cadran 863-4023
 88 Jos J Peskor 863-2171
 90 Mrs Hazel M Booker 863-4325
 92 Vacant
 92 Mrs Melvina M Tetreault 863-4486
 92 Mrs Connie S Goedert
 92 Vacant
 92 David E Fisher
 92 Frank S Lapachinski
 94 Roland J Bourdeau 863-2562
 96 © Mrs Victoria Golec
 96 J Francis Hanley
 100 Mrs Helen Kachinsky 863-2547
 100 Jos B Koldis 863-4068
 100 © Mrs Natalie Kozłowski
 104 Kath L Brissette
 104 Robt R Streeter 863-9207
 104 Mrs Lillian L Petrowicz
 104 Jos R Fredette 863-8821
 108 Mrs Emelia Momaney 863-8741
 108 Vacant
—L crosses
 130 Mrs Helen Evans 863-9270
 134 © Mrs Patricia A Taylor
 138 Herman Hall
 140 Vacant
 140 Marcel Bellemare
 140 © Peter Sokolowski Δ
 140 Lawrence Pucci
 140 Louis A Bechard
 148 © Walter P Sokolowski 863-4813
 150 Vacant
 152 Felix J Boivin 863-4007
 Unity Park

AVENUE A 1966

Page 608

1966—H. A. MANNING COMPANY'S

ALICE fr Crescent to Vladish av I-13**Left side**

- ⊙ Frank M Kuzmeskus 863-2703
- ⊙ Donald R Shirtcliff 863-2079

Right side

- ⊙ Mrs Theresa O Sandman 863-4461
- ⊙ Michl Sheremeta 863-9335
- ⊙ Arth J Hogan 863-4804
- 3 Houses under const

AMIDON (Millers Falls-Erving) fr 8 Pratt westerly to 9 Gunn

No Houses

AVENUE A fr Turners Falls-Gill Memorial Bridge southwest to Fifteenth G-II**Right side even numbers****—First crosses**

- 4 Escott's Sunoco Station 863-4028
- 6 Vacant
- 10-24 Plotkin Building
- 10 Escott's Cycle Sales & Service
- 12 Vacant
- 14 Dana M Sisson
- 14 John S Mleczo 863-4584
- 14 Allen J Atkins
- 14 Jas M Downs
- 14 Edw J Yarmac 863-2560
- 14 Mrs Margt W Seyfert 863-2761
- 14 Chas M Walsh
- 14 Ferdinand C Dion 863-2470
- 14 Mrs Edith M McCrea 863-2519
- 14 Gerald Lucia
- 14 Mrs Antoinette T Strange 863-2856
- 14 Mrs Mary E Gray 863-2284
- 14 Peter Tuminski 863-4765
- 14 Mrs Minnie Weidley rooms
- 20 Vacant
- 22 Vacant
- 24 Pioneer Valley Cablevision Inc 863-9484

—Second crosses

- 52 Crocker Institution for Savings 863-4316
- 54 Bank Building
- 54 Recorder Pub Co Inc 863-4441
- 54 John R Bykoski optometrist 863-2407
- 54 Dolan & Dolan 863-2318
- 54 American Legion Rooms
- 54 Masonic Hall
- 56 Cade's Flower Shop 863-8551
- 60 Franklin County Press Inc 863-4625
- 60 Eva H Lemieux 863-4815
- 60 ⊙ Francis A Sabato ⊕
- 60 Bernard E Hopkins
- 60 Romeo C Marceau
- 62 Francis A Sabato Jr DMD 863-4250

- 66 Carney's Restaurant 863-4367
- 70 Vacant
- 74-76 Moltenbrey Block
- 74 Valley Studio and Camera Supply 863-2184
- 76 Raymond F Higgins phys 863-2339
- 76 Hotel Moltenbrey 863-2820
- 76 ⊙ Michl Michalopoulos ⊕
- 78 Veterans Cab 863-4393

—Third crosses

- 100-102 McCarthy's Block
- 102 McCarthy The Clothier 863-8461
- 104-104½ Pipione Sport Shop
- 106 Falls Bakery 863-9200
- 108 John H Caloon dentist 863-8391
- 108 Henry A Rys phys 863-8731
- 108 Vacant
- 108 Mrs Rosabelle R Otto 863-9285
- 108 Roy F Currie 863-2586
- 108 Mrs Kathleen L Derry
- 108 Mrs Jennie Koch ⊕
- 110 Lionel's Barber Shop 863-2848
- 112 Warren's Sound Service ⊕
- 112 rear Warren J Ball
- 116-122 Trudel Building
- 116 Corner Book Store stationery 863-4569
- 118 ⊙ Jos I Trudel 863-4677
- 118 Vacant
- 118 Vacant
- 118 Mrs Anna H Bourdeau 863-8729
- 118 Ada Johnson 863-2508
- 120 Trudel Pharmacy 863-4712
- 122 Ora A Johnson 863-4536

—Fourth crosses

- 152-156 Riel Block
- 152 Avenue A Snack Bar 863-9066
- 154 Vacant
- 156 Hibernian Hall
- 156 Recreation Hall
- 160 Greenfield Sch Dept (Manpower Training Sch)
- 166 Rooney's Shoes 863-2451
- 168-172 Shanahan Block
- 168 Casual Coiffures 863-2833
- 170 Edw P Schiebler 863-9455
- 170 Mrs Charlotte Wrobel 863-9082
- 170 Geo J Moreau 863-2871
- 170 Mrs Rachel G Heart 863-4884
- 172 Mrs Marie A Lorange 863-4887
- 172 Mrs Hazel E Jackson 863-8041
- 172 Edw R Richards 863-2518
- 172 Milford B Squire
- 174 Turners Falls Fire Dist 863-4313

—Fifth crosses

- 176 First National Bank & Trust Co of Greenfield 863-4355
- 178 Post Office 863-4727

AVENUE A 1966

TURNERS FALLS DIRECTORY—1966

Page 609

(continued)

-Sixth begins

-Seventh crosses

- 200 First National Stores Inc
 250 Ed's Atlantic gas sta 863-4352
 300 Construction Supply & Equipment Co
 -Eleventh begins
 Architectural Stone Co Inc 863-4554
 Town Highway Dept office and garage
 863-2054

Left side odd numbers

- 1 Town of Montague offices
 1 Police Dept (basement) 863-4411
 1 Veterans Rehabilitation and Service
 Center (1st floor) 863-4511
 1 Burial Agent (1st floor)
 1 Town Treas (1st floor) 863-8921
 1 Town Clerk (1st floor) 863-4421
 1 Town Accountant (1st floor) 863-8781
 1 Board of Health (1st floor)
 1 Selectmen (1st floor) 863-4511
 1 Assessors (2nd floor) 863-4654
 1 Supt of Schools (2nd floor) 863-4505
 1 Board of Public Welfare (2nd floor) 863-
 4462
 1 Dist Court
 -First begins
 7 Shady Glenn Restaurant 863-8081
 27 Vacant
 29 Robt H Ricker
 29 Vacant
 29 Vacant
 29 Vacant
 29 Odd Fellows Hall
 31 The Bridge Cafe Inc
 -Second crosses
 57-59 W E Aubuchon Co Inc hardware
 61-63 Lizotte Block
 61 Vacant
 61 Vacant
 63 Vacant
 65-70 Shea Block
 69½ Vacant
 71 Falls Theatre 863-9113
 73 Ed's Barber Shop
 75 Kohler's Appliances elec equip and
 supplies 863-2356
 77 Pleasant Insurance Agency Inc 863-4318
 79 Cumberland Farms Inc 863-4304
 -Third crosses
 101 Stanley's Jewelry Store 863-2258
 103 Grimard Shoe Service
 107 Raymond E Woodin 863-2811
 107 Walter C Bourbeau
 109 V F W Hall 863-4392
 111 Barbara's Beauty Bar 863-4000
 113 Raymond M Trudel lawyer 863-2254

- 115 Starbuck Block
 115 Geo Starbuck & Sons Inc plumbing etc
 863-4757
 119 Dolan Block
 121 Coin A Matic Launderette Inc
 123 Comet Cleaners 863-2043
 123½ Vacant
 125 Equi's Store conf
 127 Jas V Wickline 863-9060
 127 Wm M Hale 863-4021
 129 Mrs Louise K Colbeth
 129 Edw P Millett 863-9184
 131 Center Pharmacy Inc 863-4879
 Daigneault Block
 -Fourth crosses
 151-155 Godin Block
 151 Godin 5 & 10¢ Store 863-4048
 153 Harvey R Welcome 863-4726
 153 @ Geo J Schacht Δ
 155 Vacant
 155 Vacant
 159 Truval's Clothing Co Inc 863-2535
 161 Mrs Gladys L Bowman 863-4643
 169-173 Eug Singley Block
 169 Singley Furniture & Appliance
 171 Mrs Margt E Johnson 863-9458
 171 Mrs Helen P Smith 863-2580
 171 Marieba L Johnson 863-4242
 171 Eva M Girard 863-2148
 171 Irene E Kaweckki 863-2419
 171 Arth J Leveille
 171 Chas Kabaniec
 171 Robt H Parenteau 863-9298
 171 Agnes E Lee 863-2505
 171 Mary E Shulda
 171 Chas J Schleis
 171 Mrs Winifred A Lloyd 863-9549
 171 Vacant
 173 Singley Furniture & Appliance Store
 863-4658
 -Fifth crosses
 275 Turners Falls Inn 863-4373
 175 John A Kozik barber
 175 Silhouette Beauty Salon 863-2078
 177-179 Giknis Block
 177 Barry Floor & Wall Coverings 863-4409
 179 Mrs Victoria Kuklewicz 863-4688
 179 Louis P Darash
 179 Gilbert C Leete
 185 New England Telephone Co community
 office Δ
 187 Couture Bros paints etc 863-4346
 191 Mrs Anna C Sears
 191 Mrs Ellen Welsh
 191 Mrs Winifred Buckman 863-2556
 193 Bauch's Esso Station 863-4378
 197 St Kazimier Block

MARTIN/C INSURANCE



Appendix I:

Environmental Data Resources, Inc. Radius Report

EDIC Lot

38 Avenue A

Turners Falls, MA 01376

Inquiry Number: 7793179.2s

October 15, 2024

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	414
Government Records Searched/Data Currency Tracking	GR-1
<u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

38 AVENUE A
TURNERS FALLS, MA 01376

COORDINATES

Latitude (North): 42.6092050 - 42° 36' 33.13"
Longitude (West): 72.5563100 - 72° 33' 22.71"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 700449.6
UTM Y (Meters): 4720099.5
Elevation: 205 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 24185629 GREENFIELD, MA
Version Date: 2021

North Map: 24185619 BERNARDSTON, MA
Version Date: 2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20180823
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
38 AVENUE A
TURNERS FALLS, MA 01376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CUMBERLAND FARMS INC	AVE A & 2ND ST	MA UST	Lower	49, 0.009, SSE
A2	PIONEER LITHO INC	27 SECOND ST	RCRA NonGen / NLR	Higher	55, 0.010, WNW
B3	ESCOTTS SERVICE STAT	6 AVENUE A	EDR Hist Auto	Lower	143, 0.027, ENE
B4	HERITAGE STATE PARK	AVENUE A 1ST 2ND STS	MA SHWS, MA INST CONTROL, MA RELEASE	Lower	154, 0.029, ENE
B5	ESCOTTS SERVICE STAT	4 AVENUE A	EDR Hist Auto	Lower	156, 0.030, ENE
B6	ESCOTTS SERVICE STAT	4 AVENUE A	RCRA NonGen / NLR, FINDS, ECHO	Lower	156, 0.030, ENE
B7	SUNOCO GAS STATION	4 AVE A	MA UST	Lower	156, 0.030, ENE
B8	FORMER SUNOCO STATIO	AVENUE A & 1ST STREE	MA SHWS, MA RELEASE, MA SPILLS	Lower	170, 0.032, ENE
C9	BY ESSLEEK PAPER	CANAL ST	MA SHWS, MA RELEASE	Lower	458, 0.087, West
C10	FORMER SWEENEY FORD	SECOND 3RD ST	MA SHWS, MA RELEASE	Lower	504, 0.095, West
C11	DUBOIS ENTERPRISES	2 THIRD ST	MA SHWS, MA BROWNFIELDS, MA RELEASE	Lower	538, 0.102, West
D12	COMET CLEANERS & FOR	123 AVENUE A	RCRA-VSQG, FINDS, ECHO	Lower	544, 0.103, SSW
D13	NO LOCATION AID	123 AVENUE A	MA SHWS, MA INST CONTROL, MA RELEASE	Lower	544, 0.103, SSW
D14	COMET CLEANERS	123 AVENUE A	EDR Hist Cleaner	Lower	544, 0.103, SSW
E15	ABANDONED PROPERTY	8 CANAL ROAD	MA SHWS, MA RELEASE	Lower	547, 0.104, North
E16	8 CANAL ROAD	8 CANAL ROAD	US BROWNFIELDS	Lower	547, 0.104, North
C17	SWEENEY FORD	2 THIRD STREET	US BROWNFIELDS, FINDS	Lower	564, 0.107, West
F18	DUBOIS PROPERTY	2 THIRD STREET	SEMS-ARCHIVE, PRP	Higher	571, 0.108, WSW
C19	STRATHMORE PAPER CO	CANAL ST	RCRA NonGen / NLR, NY MANIFEST	Lower	633, 0.120, West
G20	SUNOCO GAS STATION	101 THIRD ST	MA UST	Lower	654, 0.124, SSE
G21	BEAUBIEN WILLIAM	101 THIRD ST	EDR Hist Auto	Lower	654, 0.124, SSE
H22	STRATHMORE MILL SITE	20 CANAL ROAD	SEMS	Lower	659, 0.125, WNW
H23	STRATHMORE MILL	20 CANAL ST	MA SHWS, MA BROWNFIELDS, MA RELEASE, MA ASBESTOS	Lower	659, 0.125, WNW
H24	NO LOCATION AID	20 CANAL RD	MA SHWS, MA RELEASE	Lower	659, 0.125, WNW
H25	STRATHMORE MILL	20 CANAL ROAD	US BROWNFIELDS, FINDS	Lower	659, 0.125, WNW
D26	POWER TURNER FALLS L	152 AVENUE A	RCRA NonGen / NLR	Lower	682, 0.129, SSW
D27	POWER TURNER FALLS L	152 AVE A	MA HW GEN	Lower	682, 0.129, SSW
F28	ESLEECK MFG CO INC	OFF CANAL ST	MA UST	Lower	794, 0.150, WSW
F29	COUTURE BROS INC	CANAL ST	MA UST	Lower	796, 0.151, WSW
G30	F.L. ROBERTS STATION	INTERSECTION OF 3RD	MA SHWS, MA RELEASE	Lower	818, 0.155, SSE
31	APEX DENTAL ASSOCIAT	173 AVE A	MA HW GEN	Lower	863, 0.163, SSW
G32	NO LOCATION AID	130 THIRD ST	MA LUST, MA RELEASE	Lower	882, 0.167, SSE
I33	NOURIA# 1058	132 THIRD ST	MA LUST, MA UST	Lower	910, 0.172, SSE
I34	NOURIA NEC OPCO 1, I	132 3RD STREET	RCRA-VSQG, E MANIFEST	Lower	910, 0.172, SSE
I35	NOURIA 04064	132 THIRD ST	MA SPILLS, MA HW GEN	Lower	910, 0.172, SSE
I36	NO LOCATION AID	130 THIRD ST	UST FINDER RELEASE	Lower	914, 0.173, SSE
37	ROADWAYS	5TH ST AND J ST	MA SHWS, MA RELEASE	Higher	955, 0.181, SW
J38	STRATHMORE PAPER CO		PFAS ECHO	Lower	961, 0.182, WSW
K39	PAPERLOGIC TURNERS F		PFAS ECHO	Lower	967, 0.183, West

MAPPED SITES SUMMARY

Target Property Address:
 38 AVENUE A
 TURNERS FALLS, MA 01376

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	SOUTHWORTH SPECIALTY	36 CANAL ROAD	MA SHWS, MA LAST, MA RELEASE, MA AIRS, MA...	Lower	975, 0.185, West
K41	SOUTHWORTH PAPER TUR	36 CANAL RD	RCRA-VSQG, US AIRS	Lower	975, 0.185, West
K42	SOUTHWORTH COMPANY	36 CANAL RD	MA AST	Lower	975, 0.185, West
L43	WILLIAM'S GARAGE	147 SECOND ST	MA UST	Lower	1047, 0.198, SE
L44	WILLIAMS GARAGE	147 SECOND ST	RCRA NonGen / NLR	Lower	1047, 0.198, SE
J45	SOUTHWORTH CO. TFM		PFAS ECHO	Lower	1079, 0.204, West
M46	151 THIRD STREET	151 THIRD STREET	US BROWNFIELDS, FINDS	Lower	1122, 0.213, SE
M47	CHICKS AUTOMOTIVE	151 THIRD ST	RCRA NonGen / NLR	Lower	1122, 0.213, SE
N48	COUTURE PROPERTY	187 AVENUE A	MA LUST, MA RELEASE	Lower	1204, 0.228, SSW
N49	COUTURE BROS INC	187 AVENUE A	RCRA NonGen / NLR, FINDS, ECHO	Lower	1225, 0.232, SSW
50	FIRST STREET PARKING	FIRST STREET PARKING	US BROWNFIELDS, FINDS	Lower	1418, 0.269, ESE
O51	GRISWOLD COTTON MILL	11-15 POWER STREET	US BROWNFIELDS, FINDS, ECHO	Lower	1575, 0.298, WSW
O52	RAILROAD SALVAGE/GRI	11 POWER ROAD	SEMS, PRP	Lower	1575, 0.298, WSW
53	AUBUCHON HARDWARE, T	200 AVENUE A	MA MERCURY	Lower	1667, 0.316, SW
54	TURNERS FALLS STATIO	26 POWER ST	MA SHWS, MA RELEASE	Lower	1830, 0.347, WSW
55	ROADWAY IN VICINITY	250 AVENUE A	MA SHWS, MA RELEASE	Lower	2039, 0.386, SW
56	RESIDENCE	28 PARK ST	MA LAST, MA RELEASE	Higher	2085, 0.395, SSE
P57	FRIENDS OF THE WISSA	ROUTE 2 AND FRENCH K	US BROWNFIELDS	Higher	2392, 0.453, NNW
P58	CORNER OF RT 2 & E O	MOHAWK TRL AND ADAMS	MA LAST, MA RELEASE	Higher	2426, 0.459, NNW
Q59	GILL MOBILE	23 FRENCH KING HWY	MA SHWS, MA RELEASE, MA HW GEN	Higher	2533, 0.480, ENE
Q60	SUMMIT STORE #4	23 FRENCH KING HWY	MA LUST, MA UST, MA Financial Assurance	Higher	2533, 0.480, ENE
Q61	N/A	23 FRENCH KING HIGHW	MA SHWS, MA RELEASE, MA ASBESTOS	Higher	2533, 0.480, ENE
Q62	GILL MOBIL	23 FRENCH KING HIGHW	UST FINDER RELEASE	Higher	2533, 0.480, ENE
Q63	GILL MOBILE	23 FRENCH KING HWY	UST FINDER RELEASE	Higher	2533, 0.480, ENE
Q64	NO LOCATION AID	23 FRENCH KING HWY	UST FINDER RELEASE	Higher	2533, 0.480, ENE
65	OUR LADY OF CZESTOCH	84 K ST	MA LUST, MA RELEASE	Higher	2610, 0.494, SSW
66	POLE 2/3	FACTORY HOLLOW RD	MA SHWS, MA RELEASE	Lower	2951, 0.559, NNE
67	MACKIN CONSTRUCTION	145 GILL RD	MA SHWS, MA LAST, MA RELEASE, MA ASBESTOS	Higher	3166, 0.600, WNW
68	LOT #57	ADAMS RD	MA SHWS, MA RELEASE	Higher	3477, 0.659, NNW
69	KEENE GAS - 180 SILV	180 SILVIO CONTE DR	MA SHWS, MA RELEASE, MA HW GEN, MA TIER 2	Higher	4295, 0.813, WNW
70	SUPER STOP AND SHOP	RTE 2A	MA SHWS, MA RELEASE	Higher	4546, 0.861, West
71	CONTRANS	47 MAIN RD	MA SHWS, MA RELEASE	Higher	4670, 0.884, NE
R72	1 MILE STRETCH OF RO	89-177 FRENCH KING H	MA SHWS, MA RELEASE	Higher	4810, 0.911, West
R73	TRANSFORMER PAD BEHI	87 FRENCH KING HWY	MA SHWS, MA RELEASE	Higher	4886, 0.925, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state and tribal landfills and solid waste disposal facilities

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

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
MA SPILLS 90..... SPILLS 90 data from FirstSearch
MA SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PADS..... PCB Activity Database System

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
MINES MRDS.....	Mineral Resources Data System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS PROJECT.....	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAIN.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
UST FINDER.....	UST Finder Database
MA PFAS.....	PFAS Contaminated Sites Listing
MA DRYCLEANERS.....	Regulated Drycleaning Facilities
MA ENF.....	Enforcement Action Cases
MA GWDP.....	Ground Water Discharge Permits
MA TSD.....	TSD Facility
MA UIC.....	Underground Injection Control Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MA RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

EXECUTIVE SUMMARY

MA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/24/2024 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STRATHMORE MILL SITE	20 CANAL ROAD	WNW 0 - 1/8 (0.125 mi.)	H22	79
<i>RAILROAD SALVAGE/GRI</i>	<i>11 POWER ROAD</i>	<i>WSW 1/4 - 1/2 (0.298 mi.)</i>	<i>O52</i>	<i>292</i>

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/24/2024 has revealed that there

EXECUTIVE SUMMARY

is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUBOIS PROPERTY Site ID: 0103588 EPA Id: MAN000103588	2 THIRD STREET	WSW 0 - 1/8 (0.108 mi.)	F18	67

Lists of Federal RCRA generators

RCRA-VSQG: 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/03/2024 has revealed that there are 3 RCRA-VSQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMET CLEANERS & FOR EPA ID:: MAD062401039	123 AVENUE A	SSW 0 - 1/8 (0.103 mi.)	D12	34
NOURIA NEC OPCO 1, I EPA ID:: MAR000523308	132 3RD STREET	SSE 1/8 - 1/4 (0.172 mi.)	I34	128
SOUTHWORTH PAPER TUR EPA ID:: MAD001116532	36 CANAL RD	W 1/8 - 1/4 (0.185 mi.)	K41	222

Lists of state- and tribal hazardous waste facilities

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

A review of the MA SHWS list, as provided by EDR, and dated 07/10/2024 has revealed that there are 24 MA SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROADWAYS Release Tracking Number: 1-0017513 Current Status: RAO	5TH ST AND J ST	SW 1/8 - 1/4 (0.181 mi.)	37	138
GILL MOBILE Release Tracking Number: 1-0020385 Current Status: RAONR	23 FRENCH KING HWY	ENE 1/4 - 1/2 (0.480 mi.)	Q59	330
N/A Release Tracking Number: 1-0020955 Current Status: PSNC	23 FRENCH KING HIGHW	ENE 1/4 - 1/2 (0.480 mi.)	Q61	378
MACKIN CONSTRUCTION Release Tracking Number: 1-0015869	145 GILL RD	WNW 1/2 - 1 (0.600 mi.)	67	391

EXECUTIVE SUMMARY

Current Status: RAO				
LOT #57	ADAMS RD	NNW 1/2 - 1 (0.659 mi.)	68	401
Release Tracking Number: 1-0010979				
Current Status: RAO				
KEENE GAS - 180 SILV	180 SILVIO CONTE DR	WNW 1/2 - 1 (0.813 mi.)	69	402
Release Tracking Number: 1-0021796				
Release Tracking Number: 1-0021161				
Current Status: PSNC				
SUPER STOP AND SHOP	RTE 2A	W 1/2 - 1 (0.861 mi.)	70	406
Release Tracking Number: 1-0014048				
Current Status: RAO				
CONTRANS	47 MAIN RD	NE 1/2 - 1 (0.884 mi.)	71	407
Release Tracking Number: 1-0016412				
Current Status: RAO				
1 MILE STRETCH OF RO	89-177 FRENCH KING H	W 1/2 - 1 (0.911 mi.)	R72	410
Release Tracking Number: 1-0019505				
Current Status: PSNC				
TRANSFORMER PAD BEHI	87 FRENCH KING HWY	W 1/2 - 1 (0.925 mi.)	R73	411
Release Tracking Number: 1-0019818				
Current Status: PSC				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HERITAGE STATE PARK	AVENUE A 1ST 2ND STS	ENE 0 - 1/8 (0.029 mi.)	B4	14
Release Tracking Number: 1-0000494				
Current Status: RAO				
FORMER SUNOCO STATIO	AVENUE A & 1ST STREE	ENE 0 - 1/8 (0.032 mi.)	B8	24
Release Tracking Number: 1-0011248				
Release Tracking Number: 1-0011602				
Current Status: RAO				
BY ESSLEEK PAPER	CANAL ST	W 0 - 1/8 (0.087 mi.)	C9	27
Release Tracking Number: 1-0011381				
Current Status: RAO				
FORMER SWEENEY FORD	SECOND 3RD ST	W 0 - 1/8 (0.095 mi.)	C10	29
Release Tracking Number: 1-0014962				
Current Status: RAO				
DUBOIS ENTERPRISES	2 THIRD ST	W 0 - 1/8 (0.102 mi.)	C11	32
Release Tracking Number: 1-0000870				
Current Status: RAO				
NO LOCATION AID	123 AVENUE A	SSW 0 - 1/8 (0.103 mi.)	D13	36
Release Tracking Number: 1-0013687				
Current Status: INVSUB				
ABANDONED PROPERTY	8 CANAL ROAD	N 0 - 1/8 (0.104 mi.)	E15	42
Release Tracking Number: 1-0020912				
Current Status: PSC				
STRATHMORE MILL	20 CANAL ST	WNW 0 - 1/8 (0.125 mi.)	H23	79
Release Tracking Number: 1-0013843				
Release Tracking Number: 1-0015175				
Current Status: RAO				
NO LOCATION AID	20 CANAL RD	WNW 0 - 1/8 (0.125 mi.)	H24	83

EXECUTIVE SUMMARY

Release Tracking Number: 1-0016634
Current Status: RAO

F.L. ROBERTS STATION Release Tracking Number: 1-0018984 Current Status: RAO	INTERSECTION OF 3RD	SSE 1/8 - 1/4 (0.155 mi.)	G30	115
SOUTHWORTH SPECIALTY Release Tracking Number: 1-0020371 Current Status: PSNC	36 CANAL ROAD	W 1/8 - 1/4 (0.185 mi.)	K40	142
TURNERS FALLS STATIO Release Tracking Number: 1-0013059 Current Status: RAO	26 POWER ST	WSW 1/4 - 1/2 (0.347 mi.)	54	294
ROADWAY IN VICINITY Release Tracking Number: 1-0019988 Current Status: PSNC	250 AVENUE A	SW 1/4 - 1/2 (0.386 mi.)	55	296
POLE 2/3 Release Tracking Number: 1-0011623 Current Status: RAO	FACTORY HOLLOW RD	NNE 1/2 - 1 (0.559 mi.)	66	390

Lists of state and tribal leaking storage tanks

MA LAST: The Leaking Aboveground Storage Tanks database

A review of the MA LAST list, as provided by EDR, and dated 07/10/2024 has revealed that there are 3 MA LAST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RESIDENCE Release Tracking Number / Current Status: 1-0015169 / RAO	28 PARK ST	SSE 1/4 - 1/2 (0.395 mi.)	56	297
CORNER OF RT 2 & E O Release Tracking Number / Current Status: 1-0010204 / RAO	MOHAWK TRL AND ADAMS	NNW 1/4 - 1/2 (0.459 mi.)	P58	326
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHWORTH SPECIALTY Release Tracking Number / Current Status: 1-0020371 / PSNC	36 CANAL ROAD	W 1/8 - 1/4 (0.185 mi.)	K40	142

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

A review of the MA LUST list, as provided by EDR, and dated 07/10/2024 has revealed that there are 5 MA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUMMIT STORE #4 Release Tracking Number / Current Status: 1-0016716 / RAONR Release Tracking Number / Current Status: 1-0020385 / RAONR Release Tracking Number / Current Status: 1-0012568 / PSNC	23 FRENCH KING HWY	ENE 1/4 - 1/2 (0.480 mi.)	Q60	345
OUR LADY OF CZESTOCH	84 K ST	SSW 1/4 - 1/2 (0.494 mi.)	65	384

EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 1-0015442 / RAO

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NO LOCATION AID Release Tracking Number / Current Status: 1-0013186 / RAO	130 THIRD ST	SSE 1/8 - 1/4 (0.167 mi.)	G32	118
NOURIA# 1058 Release Tracking Number / Current Status: 1-0000375 / DEPNFA	132 THIRD ST	SSE 1/8 - 1/4 (0.172 mi.)	I33	121
COUTURE PROPERTY Release Tracking Number / Current Status: 1-0000472 / RAO	187 AVENUE A	SSW 1/8 - 1/4 (0.228 mi.)	N48	261

Lists of state and tribal registered storage tanks

MA 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 MA UST list, as provided by EDR, and dated 03/04/2024 has revealed that there are 7 MA UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CUMBERLAND FARMS INC Tank Status: Tank Removed Facility Id: 6189	AVE A & 2ND ST	SSE 0 - 1/8 (0.009 mi.)	A1	8
SUNOCO GAS STATION Tank Status: Tank Removed Facility Id: 6187	4 AVE A	ENE 0 - 1/8 (0.030 mi.)	B7	21
SUNOCO GAS STATION Tank Status: Tank Removed Facility Id: 6184	101 THIRD ST	SSE 0 - 1/8 (0.124 mi.)	G20	76
ESLEECK MFG CO INC Tank Status: Tank Removed Facility Id: 6171	OFF CANAL ST	WSW 1/8 - 1/4 (0.150 mi.)	F28	112
COUTURE BROS INC Tank Status: Tank Removed Facility Id: 6170	CANAL ST	WSW 1/8 - 1/4 (0.151 mi.)	F29	113
NOURIA# 1058 Tank Status: Tank Removed Tank Status: In Use Facility Id: 6185	132 THIRD ST	SSE 1/8 - 1/4 (0.172 mi.)	I33	121
WILLIAM'S GARAGE Tank Status: Tank Removed Facility Id: 6182	147 SECOND ST	SE 1/8 - 1/4 (0.198 mi.)	L43	244

EXECUTIVE SUMMARY

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHWORTH COMPANY Database: AST 2, Date of Government Version: 07/08/2024	36 CANAL RD	W 1/8 - 1/4 (0.185 mi.)	K42	244

State and tribal institutional control / engineering control registries

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

A review of the MA INST CONTROL list, as provided by EDR, and dated 07/10/2024 has revealed that there are 2 MA INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HERITAGE STATE PARK Release Tracking Number: 1-0000494	AVENUE A 1ST 2ND STS	ENE 0 - 1/8 (0.029 mi.)	B4	14
NO LOCATION AID Release Tracking Number: 1-0013687	123 AVENUE A	SSW 0 - 1/8 (0.103 mi.)	D13	36

Lists of state and tribal brownfield sites

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

A review of the MA BROWNFIELDS list, as provided by EDR, has revealed that there are 2 MA BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUBOIS ENTERPRISES Database: BROWNFIELDS 2, Date of Government Version: 07/11/2023 MCP Status: RAO RTN: 1-0000870	2 THIRD ST	W 0 - 1/8 (0.102 mi.)	C11	32
STRATHMORE MILL Database: BROWNFIELDS 2, Date of Government Version: 07/11/2023 MCP Status: RAO RTN: 1-0015175	20 CANAL ST	WNW 0 - 1/8 (0.125 mi.)	H23	79

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/10/2024 has revealed that there are 7 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FRIENDS OF THE WISSA	ROUTE 2 AND FRENCH K	NNW 1/4 - 1/2 (0.453 mi.)	P57	302
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
8 CANAL ROAD SWEENEY FORD Cleanup Completion Date: 2/16/2005	8 CANAL ROAD 2 THIRD STREET	N 0 - 1/8 (0.104 mi.) W 0 - 1/8 (0.107 mi.)	E16 C17	43 54
STRATHMORE MILL Cleanup Completion Date: 4/24/2013	20 CANAL ROAD	WNW 0 - 1/8 (0.125 mi.)	H25	85
151 THIRD STREET	151 THIRD STREET	SE 1/8 - 1/4 (0.213 mi.)	M46	252
FIRST STREET PARKING	FIRST STREET PARKING	ESE 1/4 - 1/2 (0.269 mi.)	50	265
GRISWOLD COTTON MILL	11-15 POWER STREET	WSW 1/4 - 1/2 (0.298 mi.)	O51	272

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/03/2024 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PIONEER LITHO INC EPA ID:: MAD057992273	27 SECOND ST	WNW 0 - 1/8 (0.010 mi.)	A2	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ESCOTTS SERVICE STAT EPA ID:: MAD108800061	4 AVENUE A	ENE 0 - 1/8 (0.030 mi.)	B6	19
STRATHMORE PAPER CO EPA ID:: MAD001123561	CANAL ST	W 0 - 1/8 (0.120 mi.)	C19	69
POWER TURNER FALLS L EPA ID:: MAR000572537	152 AVENUE A	SSW 1/8 - 1/4 (0.129 mi.)	D26	109
WILLIAMS GARAGE	147 SECOND ST	SE 1/8 - 1/4 (0.198 mi.)	L44	248

EXECUTIVE SUMMARY

EPA ID:: MAD019668722				
CHICKS AUTOMOTIVE	151 THIRD ST	SE 1/8 - 1/4 (0.213 mi.)	M47	259
EPA ID:: MAD981206436				
COUTURE BROS INC	187 AVENUE A	SSW 1/8 - 1/4 (0.232 mi.)	N49	263
EPA ID:: MAD004993507				

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 07/01/2024 has revealed that there are 3 PFAS ECHO sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STRATHMORE PAPER CO		WSW 1/8 - 1/4 (0.182 mi.)	J38	140
PAPERLOGIC TURNERS F		W 1/8 - 1/4 (0.183 mi.)	K39	141
SOUTHWORTH CO. TFM		W 1/8 - 1/4 (0.204 mi.)	J45	251

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 4 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GILL MOBIL	23 FRENCH KING HIGHW	ENE 1/4 - 1/2 (0.480 mi.)	Q62	381
GILL MOBILE	23 FRENCH KING HWY	ENE 1/4 - 1/2 (0.480 mi.)	Q63	382
NO LOCATION AID	23 FRENCH KING HWY	ENE 1/4 - 1/2 (0.480 mi.)	Q64	383
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NO LOCATION AID	130 THIRD ST	SSE 1/8 - 1/4 (0.173 mi.)	I36	137

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 E MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NOURIA NEC OPCO 1, I	132 3RD STREET	SSE 1/8 - 1/4 (0.172 mi.)	I34	128

EXECUTIVE SUMMARY

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

A review of the MA HW GEN list, as provided by EDR, and dated 06/13/2024 has revealed that there are 4 MA HW GEN sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POWER TURNER FALLS L State Generator Status: VQG-MA EPA Id: MAR000572537	152 AVE A	SSW 1/8 - 1/4 (0.129 mi.)	D27	112
APEX DENTAL ASSOCIAT EPA Id: MAR000539734	173 AVE A	SSW 1/8 - 1/4 (0.163 mi.)	31	118
NOURIA 04064 EPA Id: MAR000523308	132 THIRD ST	SSE 1/8 - 1/4 (0.172 mi.)	I35	136
SOUTHWORTH SPECIALTY State Generator Status: SQG-MA EPA Id: MAD001116532	36 CANAL ROAD	W 1/8 - 1/4 (0.185 mi.)	K40	142

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

A review of the NY MANIFEST list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STRATHMORE PAPER CO EPA ID: MAD001123561	CANAL ST	W 0 - 1/8 (0.120 mi.)	C19	69

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

A review of the MA MERCURY list, as provided by EDR, and dated 02/12/2024 has revealed that there is 1 MA MERCURY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUBUCHON HARDWARE, T	200 AVENUE A	SW 1/4 - 1/2 (0.316 mi.)	53	294

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not

EXECUTIVE SUMMARY

limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ESCOTTS SERVICE STAT	6 AVENUE A	ENE 0 - 1/8 (0.027 mi.)	B3	14
ESCOTTS SERVICE STAT	4 AVENUE A	ENE 0 - 1/8 (0.030 mi.)	B5	18
BEAUBIEN WILLIAM	101 THIRD ST	SSE 0 - 1/8 (0.124 mi.)	G21	78

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

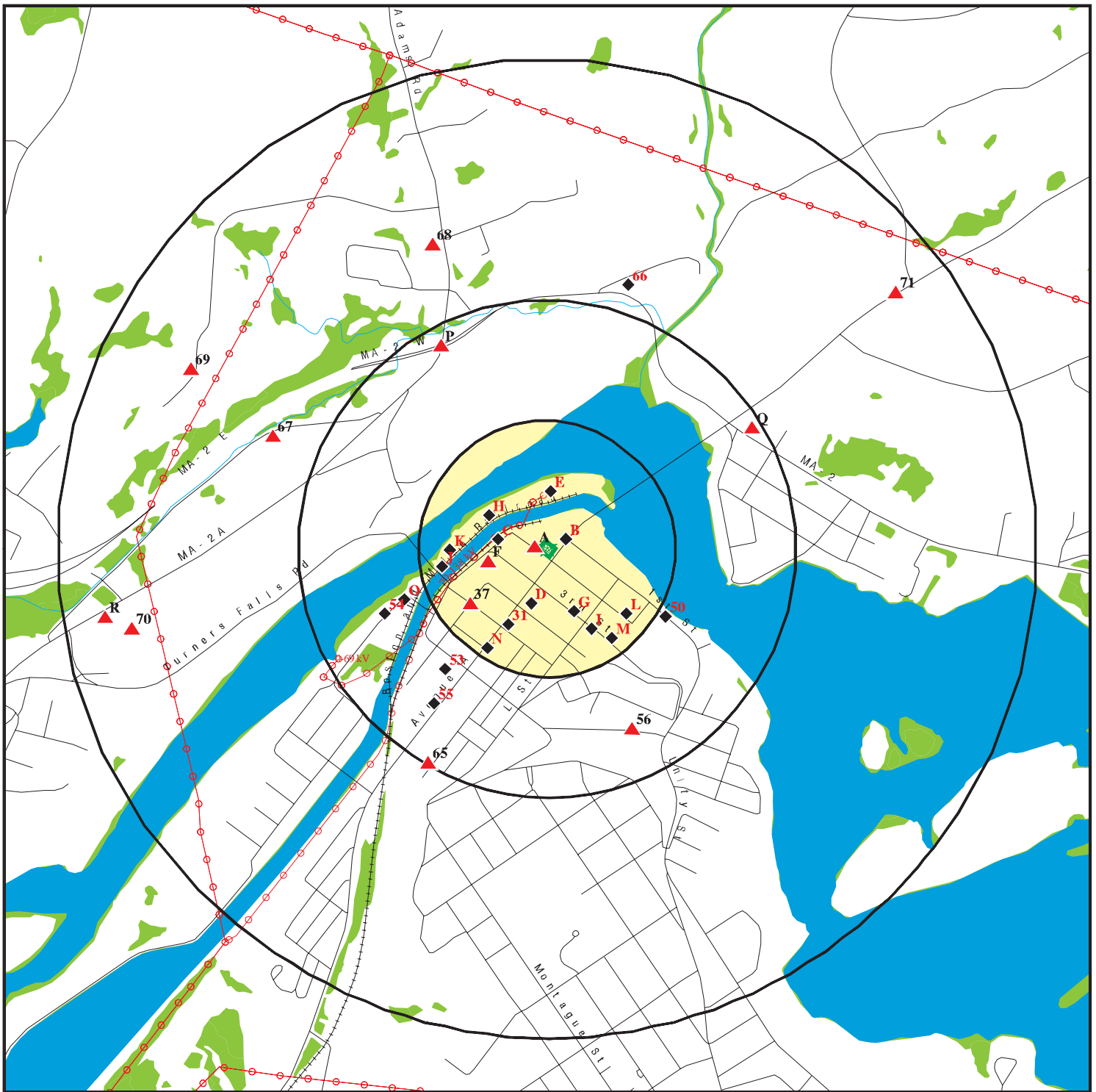
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMET CLEANERS	123 AVENUE A	SSW 0 - 1/8 (0.103 mi.)	D14	41

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
GATEHOUSE	MA SHWS, MA RELEASE, MA TIER 2
NOLUMBEKA PROJECT SITE	MA SHWS, MA RELEASE
I 91 NORTH MM 43.4	MA SHWS, MA RELEASE
JUST NORTH OF EXIT 26	MA SHWS, MA RELEASE
PROPERTY	MA SHWS, MA LUST, MA RELEASE
MACKIN CONSTRUCTION COMPANY	MA SHWS, MA RELEASE, MA SPILLS
POLE #3	MA SHWS, MA RELEASE
RELEASE TO ROAD SURFACE	MA SHWS, MA RELEASE
GREENFIELD FORD & TOYOTA	MA SHWS, MA INST CONTROL, MA RELEASE
MOBIL STATION	MA SHWS, MA RELEASE
I-91 NORTH HYDRAULIC RELEASE MM44.	MA SHWS, MA RELEASE
ROUTE 2 WESTBOUND	MA SHWS, MA RELEASE
ROAD SURFACES	MA SHWS, MA RELEASE
LEYDEN WILDLIFE MANAGEMENT AREA	MA SHWS, MA RELEASE
TURNERS FALLS DAM	MA SHWS, MA RELEASE
CABOT CANAL	MA SHWS, MA RELEASE
CABOT STATION PARCEL OFF OF DEPOT	MA SHWS, MA RELEASE
GATEHOUSE AVE	MA SHWS, MA RELEASE
CONNECTICUT RIVER	MA SHWS, MA RELEASE
NMHS-GILL NORTHERN & SOUTHERN LFS	MA SWF/LF, MA Financial Assurance

OVERVIEW MAP - 7793179.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

National Wetland Inventory

State Wetlands

Areas of Critical Environmental Concern

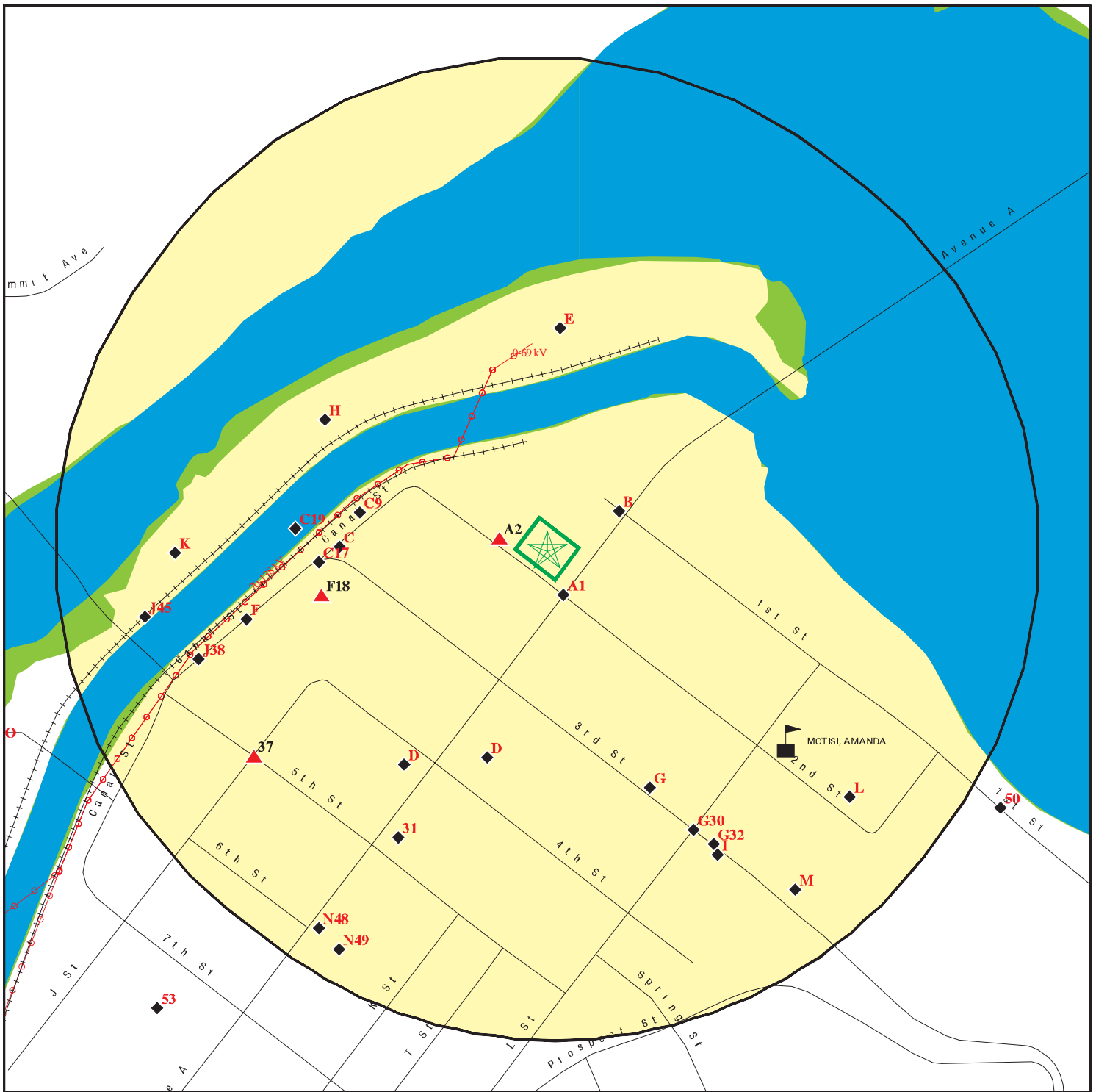









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls MA 01376
 LAT/LONG: 42.609205 / 72.55631

CLIENT: Weston and Sampson Engineers
 CONTACT: Melissa Davis
 INQUIRY #: 7793179.2S
 DATE: October 15, 2024 3:44 pm

DETAIL MAP - 7793179.2S



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

-  Indian Reservations BIA
-  Power transmission lines
-  National Wetland Inventory
-  State Wetlands
-  Areas of Critical Environmental Concern

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

SITE NAME: EDIC Lot ADDRESS: 38 Avenue A Turners Falls MA 01376 LAT/LONG: 42.609205 / 72.55631	CLIENT: Weston and Sampson Engineers CONTACT: Melissa Davis INQUIRY #: 7793179.2s DATE: October 15, 2024 3:44 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								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	1	NR	NR	2
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	2	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
MA SHWS	1.000		9	3	4	8	NR	24
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
MA SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
MA LAST	0.500		0	1	2	NR	NR	3

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
MA LUST	0.500		0	3	2	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
MA UST	0.250		3	4	NR	NR	NR	7
MA AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
MA INST CONTROL	0.500		2	0	0	NR	NR	2
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
MA BROWNFIELDS	0.500		2	0	0	NR	NR	2
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		3	1	3	NR	NR	7
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
MA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
MA SPILLS	TP		NR	NR	NR	NR	NR	0
MA RELEASE	TP		NR	NR	NR	NR	NR	0
MA SPILLS 90	TP		NR	NR	NR	NR	NR	0
MA SPILLS 80	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		3	4	NR	NR	NR	7
FUDS	1.000		0	0	0	0	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
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	3	NR	NR	NR	3
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST FINDER RELEASE	0.500		0	1	3	NR	NR	4
E MANIFEST	0.250		0	1	NR	NR	NR	1
MA PFAS	0.250		0	0	NR	NR	NR	0
MA AIRS	TP		NR	NR	NR	NR	NR	0
MA ASBESTOS	TP		NR	NR	NR	NR	NR	0
MA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MA ENF	TP		NR	NR	NR	NR	NR	0
MA Financial Assurance	TP		NR	NR	NR	NR	NR	0
MA GWDP	TP		NR	NR	NR	NR	NR	0
MA HW GEN	0.250		0	4	NR	NR	NR	4
NY MANIFEST	0.250		1	0	NR	NR	NR	1
MA MERCURY	0.500		0	0	1	NR	NR	1
MA NPDES	TP		NR	NR	NR	NR	NR	0
MA TIER 2	TP		NR	NR	NR	NR	NR	0
MA TSD	0.500		0	0	0	NR	NR	0
MA UIC	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MA RGA HWS	TP		NR	NR	NR	NR	NR	0
MA RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		0	30	28	16	8	0	82
-------------	--	---	----	----	----	---	---	----

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
SSE
< 1/8
0.009 mi.
49 ft.

CUMBERLAND FARMS INC
AVE A & 2ND ST
MONTAGUE, MA 01376

MA UST U004247794
N/A

Site 1 of 2 in cluster A

Relative:
Lower

UST:

Actual:
203 ft.

Facility ID: 6189
Name: CUMBERLAND FARMS INC
Address: AVE A & 2ND ST
Address 2: Not reported
City,State,Zip: MONTAGUE, MA 01376
Owner ID: 71307
Owner: MONTAGUE EDIC
Owner Address: AVE A
Owner Address 2: Not reported
Owner City,State,Zip: ERVING, MA 01376
Telephone: Not reported
Description: Retail Motor Vehicle Fuel Dispensing
Contact Name: Not reported
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,State,Zip: Not reported
Contact Email: Not reported
Update: 2004-06-03 00:00:00
Update By: Not reported
Facility Status: CLOSED
Longitude: Not reported
Latitude: Not reported
URL: <https://ma-ust.windsorcloud.com/ust/facility/6189>

UST:

Facility ID: 6189
Tank ID: 5
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 04/18/1974
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 11/04/1993
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS INC (Continued)

U004247794

Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Facility ID:	6189
Tank ID:	2
Capacity:	4000.00000
Substance:	Gasoline
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	04/18/1974
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	11/04/1993
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Facility ID:	6189
Tank ID:	1
Capacity:	4000.00000
Substance:	Gasoline
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	04/18/1974
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS INC (Continued)

U004247794

Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 11/04/1993
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6189
Tank ID: 4
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 04/18/1974
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 11/04/1993
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6189
Tank ID: 3
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 04/18/1974
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CUMBERLAND FARMS INC (Continued)

U004247794

Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	11/04/1993
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

A2
WNW
 < 1/8
 0.010 mi.
 55 ft.

PIONEER LITHO INC
27 SECOND ST
MONTAGUE, MA 01376

RCRA NonGen / NLR

1000312274
MAD057992273

Site 2 of 2 in cluster A

Relative:
Higher
Actual:
210 ft.

RCRA Listings:	
Date Form Received by Agency:	19800822
Handler Name:	Pioneer Litho Inc
Handler Address:	27 Second St
Handler City,State,Zip:	MONTAGUE, MA 01376
EPA ID:	MAD057992273
Contact Name:	ENVR ENGR
Contact Address:	27 SECOND ST
Contact City,State,Zip:	MONTAGUE, MA 01376
Contact Telephone:	413-555-1212
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ma
State District:	W
Mailing Address:	27 SECOND ST
Mailing City,State,Zip:	TURNERS FALLS, MA 01376
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PIONEER LITHO INC (Continued)

1000312274

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	19800822
Handler Name:	PIONEER LITHO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ma
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32311
NAICS Description:	PRINTING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER LITHO INC (Continued)

1000312274

Has the Facility Received Notices of Violations:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19860506
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B3
ENE
< 1/8
0.027 mi.
143 ft.

ESCOTTTS SERVICE STATION
6 AVENUE A
TURNERS FALLS, MA 01376

EDR Hist Auto **1021148974**
N/A

Relative: EDR Hist Auto
Lower

Actual:
200 ft.

Year:	Name:	Type:
1969	ESCOTTTS SERVICE STATION	Gasoline Service Stations
1970	ESCOTTTS SERVICE STATION	Gasoline Service Stations
1971	ESCOTTTS SERVICE STATION	Gasoline Service Stations
1972	ESCOTTTS SERVICE STATION	Gasoline Service Stations
1973	ESCOTTTS SERVICE STATION	Gasoline Service Stations
1974	ESCOTTTS SERVICE STATION	Gasoline Service Stations
1975	ESCOTTTS SERVICE STATION	Gasoline Service Stations

B4
ENE
< 1/8
0.029 mi.
154 ft.

HERITAGE STATE PARK TF
AVENUE A 1ST 2ND STS
MONTAGUE, MA 01351

MA SHWS **S100829228**
MA INST CONTROL **N/A**
MA RELEASE

Relative:
Lower

SHWS:
Name: HERITAGE STATE PARK TF
Address: AVENUE A 1ST 2ND STS
City,State,Zip: MONTAGUE, MA 01351
Facility ID: 1-0000494
Source Type: Not reported
Release Town: MONTAGUE
Notification Date: 10/15/1988
Category: NONE
Associated ID: Not reported
Current Status: RAO
Status Date: 01/31/2005
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Not reported

Actual:
199 ft.

INST CONTROL:

Name: HERITAGE STATE PARK TF
Address: AVENUE A 1ST 2ND STS
City,State,Zip: MONTAGUE, MA 01351
Release Tracking Number: 1-0000494
Action Type: AUL
Action Stat: RECPT
Action Date: 06/23/2000
Response Action Outcome: -

Name: HERITAGE STATE PARK TF
Address: AVENUE A 1ST 2ND STS
City,State,Zip: MONTAGUE, MA 01351
Release Tracking Number: 1-0000494
Action Type: AUL
Action Stat: TERMIN
Action Date: 09/24/2004
Response Action Outcome: -

Name: HERITAGE STATE PARK TF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERITAGE STATE PARK TF (Continued)

S100829228

Address: AVENUE A 1ST 2ND STS
City,State,Zip: MONTAGUE, MA 01351
Release Tracking Number: 1-0000494
Action Type: AUL
Action Stat: TSAUD
Action Date: 08/22/2000
Response Action Outcome: -

Release:

Name: HERITAGE STATE PARK TF
Address: AVENUE A 1ST 2ND STS
City,State,Zip: MONTAGUE, MA 01351
Release Tracking Number/Current Status: 1-0000494 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 10/15/1988
Category: NONE
Status Date: 01/31/2005
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 1/27/1999
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 1/31/2005
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/31/2005
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1988
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 10/28/1998
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 10/28/1998
Response Action Outcome: Not reported

Action Type: Phase 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERITAGE STATE PARK TF (Continued)

S100829228

Action Status:	Scope of Work Received
Action Date:	10/28/2004
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	10/5/2004
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level III - Comprehensive Audit
Action Date:	12/24/2003
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Submittal Determined to be Invalid by DEP
Action Date:	12/24/2003
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	12/24/2003
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVSIG
Action Date:	2/26/1993
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	2/26/1993
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	2/4/1991
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/12/1999
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	3/17/2005
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	3/3/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	3/3/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERITAGE STATE PARK TF (Continued)

S100829228

Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/20/1993
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVACC
Action Date:	4/20/1993
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	5/25/2000
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/23/2000
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	6/29/2004
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	6/30/2000
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	6/30/2000
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	6/30/2000
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/11/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	7/12/2004
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Modified Revised or Updated Plan Received
Action Date:	7/22/1999
Response Action Outcome:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HERITAGE STATE PARK TF (Continued)

S100829228

Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	8/1/2003
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	RFI
Action Date:	8/1/2003
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level I - Technical Screen Audit
Action Date:	8/22/2000
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	8/25/2003
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	9/24/2004
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Action Status or AUL Terminated
Action Date:	9/24/2004
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	UNKNOWN
Quantity:	Not reported

B5
ENE
 < 1/8
 0.030 mi.
 156 ft.

ESCOTTS SERVICE STATION
4 AVENUE A
TURNERS FALLS, MA 01376

EDR Hist Auto 1020300121
N/A

Site 3 of 6 in cluster B

Relative:
Lower

EDR Hist Auto

Actual:
200 ft.

Year:	Name:	Type:
1987	ESCOTTS SERVICE STATION	Automotive Services, NEC
1988	ESCOTTS SERVICE STATION	Automotive Services, NEC
1990	ESCOTTS SERVICE STATION	Gasoline Service Stations
1991	ESCOTTS SERVICE STATION	Gasoline Service Stations
1992	ESCOTTS SERVICE STATION	Gasoline Service Stations
1993	ESCOTTS SERVICE STATION	Gasoline Service Stations
1994	ESCOTTS SERVICE STATION	Gasoline Service Stations

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B6
ENE
 < 1/8
 0.030 mi.
 156 ft.

ESCOTTS SERVICE STATION
4 AVENUE A
MONTAGUE, MA 01376

Site 4 of 6 in cluster B

RCRA NonGen / NLR
FINDS
ECHO

1000343204
MAD108800061

Relative:
Lower
Actual:
200 ft.

RCRA Listings:	19860625
Date Form Received by Agency:	Escotts Service Station
Handler Name:	4 Avenue A
Handler Address:	MONTAGUE, MA 01376
Handler City,State,Zip:	MAD108800061
EPA ID:	JAMES ROBERT
Contact Name:	4 AVE A
Contact Address:	TURNERS FALLS, MA 01376
Contact City,State,Zip:	413-863-9315
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ma
State District:	W
Mailing Address:	4 AVE A
Mailing City,State,Zip:	TURNERS FALLS, MA 01376
Owner Name:	Robert James Escott
Owner Type:	Private
Operator Name:	Escotts Service Station
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESCOTTS SERVICE STATION (Continued)

1000343204

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESCOTTS SERVICE STATION
Legal Status:	Private
Date Became Current:	19911208
Date Ended Current:	Not reported
Owner/Operator Address:	4 AVE A
Owner/Operator City,State,Zip:	TURNERS FALLS, MA 01376
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT JAMES ESCOTT
Legal Status:	Private
Date Became Current:	20041016
Date Ended Current:	Not reported
Owner/Operator Address:	4 AVE A
Owner/Operator City,State,Zip:	TURNERS FALLS, MA 01376
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19860625
Handler Name:	ESCOTTS SERVICE STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ma
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ESCOTTS SERVICE STATION (Continued)

1000343204

Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

FINDS:
 Registry ID: 110003450248

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Massachusetts - Environmental Protection Integrated Computer System (MA-EPICS) is the central repository for all environmental protection data for the State of Massachusetts.
 The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1000343204
 Registry ID: 110003450248
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003450248>
 Name: ESCOTTS SERVICE STATION
 Address: 4 AVENUE A
 City,State,Zip: MONTAGUE, MA 01376

B7
ENE
 < 1/8
 0.030 mi.
 156 ft.

SUNOCO GAS STATION
4 AVE A
MONTAGUE, MA 01376

MA UST **U004247792**
N/A

Site 5 of 6 in cluster B

Relative:
Lower
Actual:
200 ft.

UST:
 Facility ID: 6187
 Name: SUNOCO GAS STATION
 Address: 4 AVE A
 Address 2: Not reported
 City,State,Zip: MONTAGUE, MA 01376
 Owner ID: 86
 Owner: A R SANDRI INC
 Owner Address: 400 CHAPMAN ST
 Owner Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO GAS STATION (Continued)

U004247792

Owner City,State,Zip: GREENFIELD, MA 01301
Telephone: Not reported
Description: Retail Motor Vehicle Fuel Dispensing
Contact Name: Michael V Behn
Contact Address: 400 Chapman St.
Contact Address 2: Not reported
Contact City,State,Zip: Greenfield, MA 01301-1736
Contact Email: mbehn@sandri.com
Update: 2004-06-03 00:00:00
Update By: Not reported
Facility Status: CLOSED
Longitude: -72.55566
Latitude: 42.60936
URL: <https://ma-ust.windsorcloud.com/ust/facility/6187>

UST:

Facility ID: 6187
Tank ID: 1
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 05/06/1967
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 05/07/1990
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6187
Tank ID: 2
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO GAS STATION (Continued)

U004247792

Date Installed: 05/06/1967
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 05/07/1990
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6187
Tank ID: 3
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 05/06/1967
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 05/07/1990
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6187
Tank ID: 4
Capacity: 550.00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO GAS STATION (Continued)

U004247792

Substance: Waste Oil
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 05/05/1966
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 05/07/1990
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

B8
ENE
< 1/8
0.032 mi.
170 ft.

FORMER SUNOCO STATION
AVENUE A & 1ST STREET
MONTAGUE, MA 01351

Site 6 of 6 in cluster B

MA SHWS S101035303
MA RELEASE N/A
MA SPILLS

Relative:
Lower
Actual:
199 ft.

SHWS:
Name: TURNERS FALLS DAM
Address: AVENUE A
City,State,Zip: MONTAGUE, MA 013510000
Facility ID: 1-0011248
Source Type: Not reported
Release Town: MONTAGUE
Notification Date: 02/16/1996
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 05/20/1996
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Name: TURNERS FALLS DAM
Address: AVENUE A
City,State,Zip: MONTAGUE, MA 013510000
Facility ID: 1-0011602
Source Type: Not reported
Release Town: MONTAGUE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SUNOCO STATION (Continued)

S101035303

Notification Date: 11/19/1996
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 01/17/1997
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Not reported

Release:

Name: TURNERS FALLS DAM
Address: AVENUE A
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0011248 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 02/16/1996
Category: TWO HR
Status Date: 05/20/1996
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

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

Actions:

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/16/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/16/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/26/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 2/26/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/17/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SUNOCO STATION (Continued)

S101035303

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/9/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/20/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/5/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: HYDRAULIC FLUID
Quantity: 25 gallons
Location Type: WATERBODY
Location Type: DAM

Name: TURNERS FALLS DAM
Address: AVENUE A
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0011602 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 11/19/1996
Category: TWO HR
Status Date: 01/17/1997
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Not reported

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

Actions:
Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/17/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/17/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/19/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SUNOCO STATION (Continued)

S101035303

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

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/19/1996

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

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/4/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: HYDRAULIC OIL
Quantity: 2 gallons
Location Type: WATERBODY

MA Spills:

Facility ID:	0000	Spill ID:	W90-0299
Staff Lead:	JONES, L	Date Entered:	Not reported
Last Entered:	19900731	First Response:	19900507
Spill Date:	19900507	Spill Time:	Not reported
Report Date:	19900507	Report Time:	01:45PM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	-----
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	U.S.T.	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	YES
Report Prep:	Not reported	Category:	Not reported
Notifier:	CHIEF MORIN - T.F. FIRE DEPT.		
Notif Tel:	Not reported		
Days/Close:	228		

C9
West
< 1/8
0.087 mi.
458 ft.
BY ESSLEEK PAPER
CANAL ST
MONTAGUE, MA 01351
Site 1 of 5 in cluster C

MA SHWS **S103810848**
MA RELEASE **N/A**

Relative: SHWS:
Lower Name: BY ESSLEEK PAPER
Address: CANAL ST
Actual: City,State,Zip: MONTAGUE, MA 013510000
196 ft. Facility ID: 1-0011381
Source Type: TANKER
Release Town: MONTAGUE
Notification Date: 05/23/1996
Category: TWO HR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BY ESSLEEK PAPER (Continued)

S103810848

Associated ID: Not reported
Current Status: RAO
Status Date: 07/22/1996
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Release:

Name: BY ESSLEEK PAPER
Address: CANAL ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0011381 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 05/23/1996
Category: TWO HR
Status Date: 07/22/1996
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/24/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 5/29/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/22/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BY ESSLEEK PAPER (Continued)

S103810848

Action Status: RAO Statement Received
Action Date: 7/22/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 20 gallons
Location Type: INDUSTRIAL
Source: TANKER

C10
West
< 1/8
0.095 mi.
504 ft.

FORMER SWEENEY FORD
SECOND 3RD ST
TURNERS FALLS, MA
Site 2 of 5 in cluster C

MA SHWS **S106510131**
MA RELEASE **N/A**

Relative:
Lower
Actual:
201 ft.

SHWS:
Name: FORMER SWEENEY FORD
Address: SECOND 3RD ST
City,State,Zip: TURNERS FALLS, MA
Facility ID: 1-0014962
Source Type: Not reported
Release Town: MONTAGUE
Notification Date: 10/29/2003
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 09/21/2005
Phase: PHASE II
Response Action Outcome: Not reported
Oil Or Haz Material: Oil and Hazardous Material

Release:
Name: FORMER SWEENEY FORD
Address: SECOND 3RD ST
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0014962 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 10/29/2003
Category: 120 DY
Status Date: 09/21/2005
Phase: PHASE II
Response Action Outcome: -
Oil / Haz Material Type: Oil and Hazardous Material

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

Actions:
Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 10/18/2004
Response Action Outcome: Not reported

Action Type: Phase 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SWEENEY FORD (Continued)

S106510131

Action Status:	Completion Statement Received
Action Date:	10/18/2004
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	10/18/2004
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/18/2004
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Level I - Technical Screen Audit
Action Date:	10/21/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	10/25/2004
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/29/2003
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/31/2003
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/31/2003
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/4/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	11/9/2004
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Transfer
Action Date:	7/28/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SWEENEY FORD (Continued)

S106510131

Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	8/12/2003
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	8/6/2003
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/6/2003
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	9/16/2004
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/21/2005
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	9/21/2005
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	9/29/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	9/5/2003
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Release Notification Retraction
Action Date:	9/9/2003
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	1380 milligrams per kilogram
Chemical:	PCBS
Quantity:	3.4 milligrams per kilogram
Chemical:	LEAD
Quantity:	3060 milligrams per kilogram
Location Type:	COMMERCIAL
Location Type:	OPENSOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C11 **DUBOIS ENTERPRISES**
West **2 THIRD ST**
< 1/8 **MONTAGUE, MA 01351**
0.102 mi.
538 ft. **Site 3 of 5 in cluster C**

MA SHWS **S103043738**
MA BROWNFIELDS **N/A**
MA RELEASE

Relative:
Lower

SHWS:
Name: DUBOIS ENTERPRISES
Address: 2 THIRD ST
City,State,Zip: MONTAGUE, MA 01351
Facility ID: 1-0000870
Source Type: DRUMS
Release Town: MONTAGUE
Notification Date: 04/15/1991
Category: NONE
Associated ID: Not reported
Current Status: RAO
Status Date: 08/02/2002
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Oil

Actual:
199 ft.

BROWNFIELDS 2:

Name: SWEENEY FORD/DUBOIS PROPERTY
Address: 2 THIRD ST
City,State,Zip: MONTAGUE, MA
RTN: 1-0000870
RAO Class: Not reported
Other RTNs: Not reported
Current Owner: INHABITANTS OF MONTAGUE
MCP Status: RAO
AUL: Not reported
COCs: Not reported
Former Use: vacant lot
Current Use: vacant lot
Total Acreage: 0.45000000000000001
Fact Sheet: <https://eeaonline.eea.state.ma.us/portal#!/wastesite/1-0000870>

Release:

Name: DUBOIS ENTERPRISES
Address: 2 THIRD ST
City,State,Zip: MONTAGUE, MA 01351
Release Tracking Number/Current Status: 1-0000870 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 04/15/1991
Category: NONE
Status Date: 08/02/2002
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUBOIS ENTERPRISES (Continued)

S103043738

Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	10/29/1999
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/15/1991
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	FLDREQ
Action Date:	5/3/1991
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	7/17/2003
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	7/31/2000
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	8/1/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	8/1/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	8/1/1997
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	8/2/2002
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	8/3/1998
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	VOCS
Quantity:	Not reported
Location Type:	INDUSTRIAL
Location Type:	JUNKYARD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DUBOIS ENTERPRISES (Continued)

S103043738

Source: DRUMS

D12
SSW
 < 1/8
 0.103 mi.
 544 ft.

COMET CLEANERS & FORMAL WEAR
123 AVENUE A
MONTAGUE, MA 01376

RCRA-VSQQ 1004715917
FINDS MAD062401039
ECHO

Site 1 of 5 in cluster D

Relative:
Lower
Actual:
197 ft.

RCRA Listings:
 Date Form Received by Agency: 19830428
 Handler Name: Comet Cleaners & Formal Wear
 Handler Address: 123 Avenue A
 Handler City,State,Zip: MONTAGUE, MA 01376
 EPA ID: MAD062401039
 Contact Name: HARRY-J BRENNER
 Contact Address: 123 AVE A
 Contact City,State,Zip: TURNERS FALLS, MA 01376
 Contact Telephone: 413-863-2139
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 01
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Ma
 State District: W
 Mailing Address: 123 AVE A
 Mailing City,State,Zip: TURNERS FALLS, MA 01376-0000
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: Comet Cleaners
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 202 GPRA Corrective Action Baseline: No
 Subject to Corrective Action Universe: No
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMET CLEANERS & FORMAL WEAR (Continued)

1004715917

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMET CLEANERS
Legal Status:	Private
Date Became Current:	19911208
Date Ended Current:	20030619
Owner/Operator Address:	123 AVE A
Owner/Operator City,State,Zip:	TURNERS FALLS, MA 01376
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19830428
Handler Name:	COMET CLEANERS & FORMAL WEAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Ma
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COMET CLEANERS & FORMAL WEAR (Continued)

1004715917

FINDS:

Registry ID: 110003439921

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Massachusetts - Environmental Protection Integrated Computer System (MA-EPICS) is the central repository for all environmental protection data for the State of Massachusetts.

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004715917
 Registry ID: 110003439921
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003439921>
 Name: COMET CLEANERS
 Address: 123 AVENUE A
 City,State,Zip: MONTAGUE, MA 01376

D13
SSW
 < 1/8
 0.103 mi.
 544 ft.

NO LOCATION AID
123 AVENUE A
TURNERS FALLS, MA
 Site 2 of 5 in cluster D

MA SHWS S106510100
MA INST CONTROL N/A
MA RELEASE

Relative:
Lower
Actual:
197 ft.

SHWS:
 Name: NO LOCATION AID
 Address: 123 AVENUE A
 City,State,Zip: TURNERS FALLS, MA
 Facility ID: 1-0013687
 Source Type: Not reported
 Release Town: MONTAGUE
 Notification Date: 11/15/2000
 Category: 120 DY
 Associated ID: Not reported
 Current Status: INVSUB
 Status Date: 12/19/2001
 Phase: Not reported
 Response Action Outcome: Not reported
 Oil Or Haz Material: Hazardous Material

INST CONTROL:

Name: NO LOCATION AID
 Address: 123 AVENUE A
 City,State,Zip: TURNERS FALLS, MA
 Release Tracking Number: 1-0013687
 Action Type: AUL
 Action Stat: CONFRM
 Action Date: 05/28/2004
 Response Action Outcome: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S106510100

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: CONFRM
Action Date: 06/11/2007
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: RECPT
Action Date: 11/13/2001
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: SNAUDI
Action Date: 03/05/2007
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: SNAUDI
Action Date: 03/10/2011
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: SNAUDI
Action Date: 04/24/2015
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: SNAUDI
Action Date: 08/18/2003
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S106510100

Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: SNAUDI
Action Date: 12/29/2006
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: TSAUD
Action Date: 02/24/2003
Response Action Outcome: -

Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number: 1-0013687
Action Type: AUL
Action Stat: TSAUD
Action Date: 03/07/2011
Response Action Outcome: -

Release:
Name: NO LOCATION AID
Address: 123 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0013687 / INVSUB
Primary ID: Not reported
Official City: MONTAGUE
Notification: 11/15/2000
Category: 120 DY
Status Date: 12/19/2001
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

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

Actions:
Action Type: RLFA
Action Status: FLDRAN
Action Date: 1/10/2002
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 1/31/2002
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/13/2001
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S106510100

Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	11/13/2001
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/15/2000
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/15/2000
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/17/2000
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Submittal Determined to be Invalid by DEP
Action Date:	12/19/2001
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level II - Audit Inspection
Action Date:	12/29/2006
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level I - Technical Screen Audit
Action Date:	2/24/2003
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	2/25/2003
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	2/28/2007
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level II - Audit Inspection
Action Date:	3/10/2011
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	3/10/2011
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDRUN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S106510100

Action Date:	3/11/2003
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	3/14/2003
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/17/2003
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Revised Statement or Transmittal Received
Action Date:	3/29/2002
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	3/5/2007
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level II - Audit Inspection
Action Date:	3/5/2007
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level I - Technical Screen Audit
Action Date:	3/7/2011
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	3/8/2011
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	4/24/2015
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level II - Audit Inspection
Action Date:	4/24/2015
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Confirmatory AUL received
Action Date:	5/28/2004
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	5/28/2004
Response Action Outcome:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NO LOCATION AID (Continued)

S106510100

Action Type:	Activity and Use Limitation
Action Status:	Confirmatory AUL received
Action Date:	6/11/2007
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	6/4/2007
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Level II - Audit Inspection
Action Date:	8/18/2003
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	8/18/2003
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Penalty Assessment Notice Issued
Action Date:	8/5/2003
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	9/14/2001
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	TETRACHLOROETHYLENE
Quantity:	3.41 milligrams per kilogram

D14
SSW
 < 1/8
 0.103 mi.
 544 ft.

COMET CLEANERS
123 AVENUE A
TURNERS FALLS, MA 01376

EDR Hist Cleaner 1019960838
N/A

Site 3 of 5 in cluster D

Relative: EDR Hist Cleaner
Lower

Actual:
197 ft.

Year:	Name:	Type:
1969	COMET CLEANERS	Drycleaning Plants, Except Rugs
1970	COMET CLEANERS	Drycleaning Plants, Except Rugs
1971	COMET CLEANERS	Drycleaning Plants, Except Rugs
1973	COMET CLEANERS	Drycleaning Plants, Except Rugs
1974	COMET CLEANERS	Drycleaning Plants, Except Rugs
1975	COMET CLEANERS	Drycleaning Plants, Except Rugs
1976	COMET CLEANERS	Drycleaning Plants, Except Rugs
1977	COMET CLEANERS	Drycleaning Plants, Except Rugs
1978	COMET CLEANERS	Drycleaning Plants, Except Rugs
1979	COMET CLEANERS	Drycleaning Plants, Except Rugs
1980	COMET CLEANERS	Drycleaning Plants, Except Rugs
1982	COMET CLEANERS	Drycleaning Plants, Except Rugs
1983	COMET CLEANERS	Drycleaning Plants, Except Rugs
1985	COMET CLEANERS	Drycleaning Plants, Except Rugs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COMET CLEANERS (Continued)

1019960838

1986	COMET CLEANERS	Drycleaning Plants, Except Rugs
1987	COMET CLEANERS	Drycleaning Plants, Except Rugs
1988	COMET CLEANERS	Drycleaning Plants, Except Rugs
1989	COMET CLEANERS	Drycleaning Plants, Except Rugs
1990	COMET CLEANERS	Drycleaning Plants, Except Rugs
1991	COMET CLEANERS	Drycleaning Plants, Except Rugs
1992	COMET CLEANERS	Drycleaning Plants, Except Rugs
1993	COMET CLEANERS	Drycleaning Plants, Except Rugs
1995	COMET CLEANERS	Drycleaning Plants, Except Rugs
1996	COMET CLEANERS	Drycleaning Plants, Except Rugs
1997	COMET CLEANERS	Drycleaning Plants, Except Rugs
2007	COMET CLEANERS	Drycleaning Plants, Except Rugs
2008	COMET CLEANERS	Drycleaning Plants, Except Rugs
2009	COMET CLEANERS	Drycleaning Plants, Except Rugs
2010	COMET CLEANERS	Drycleaning Plants, Except Rugs
2011	COMET CLEANERS	Drycleaning Plants, Except Rugs
2012	COMET CLEANERS	Drycleaning Plants, Except Rugs

E15
North
 < 1/8
 0.104 mi.
 547 ft.

ABANDONED PROPERTY
8 CANAL ROAD
MONTAGUE, MA 01376

MA SHWS S126024287
MA RELEASE N/A

Site 1 of 2 in cluster E

Relative:
Lower
Actual:
 149 ft.

SHWS:
 Name: ABANDONED PROPERTY
 Address: 8 CANAL ROAD
 City,State,Zip: MONTAGUE, MA 013760000
 Facility ID: 1-0020912
 Source Type: HISTORIC
 Release Town: MONTAGUE
 Notification Date: 08/19/2019
 Category: 120 DY
 Associated ID: Not reported
 Current Status: PSC
 Status Date: 11/25/2019
 Phase: Not reported
 Response Action Outcome: PC
 Oil Or Haz Material: Not reported

Release:
 Name: ABANDONED PROPERTY
 Address: 8 CANAL ROAD
 City,State,Zip: MONTAGUE, MA 013760000
 Release Tracking Number/Current Status: 1-0020912 / PSC
 Primary ID: Not reported
 Official City: MONTAGUE
 Notification: 08/19/2019
 Category: 120 DY
 Status Date: 11/25/2019
 Phase: Not reported
 Response Action Outcome: PC - PC
 Oil / Haz Material Type: Not reported

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ABANDONED PROPERTY (Continued)

S126024287

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	PSCRCD
Action Date:	11/25/2019
Response Action Outcome:	PC
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	2/21/2020
Response Action Outcome:	PC
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	8/19/2019
Response Action Outcome:	PC
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/19/2019
Response Action Outcome:	PC
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	URAMLR
Action Date:	8/28/2019
Response Action Outcome:	PC

Chemicals:

Chemical:	Not reported
Quantity:	Not reported
Location Type:	INDUSTRIAL
Location Type:	COMMERCIAL
Location Type:	MUNICIPAL
Source:	HISTORIC

E16
North
< 1/8
0.104 mi.
547 ft.

8 CANAL ROAD
8 CANAL ROAD
MONTAGUE, MA 01376
Site 2 of 2 in cluster E

US BROWNFIELDS **1024326162**
N/A

Relative:
Lower
Actual:
149 ft.

US BROWNFIELDS:	
Name:	8 CANAL ROAD
Address:	8 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	236026
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 2, Block 0, Lot 6
Parcel Size:	3.19
Latitude:	42.6109408
Longitude:	-72.5561722
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	N
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase I
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	PAHs
Contaminants Found at Actionable Level:	PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	96191001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	RTN 1-0020219
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8 CANAL ROAD (Continued)

1024326162

RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2019-11-25 00:00:00
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	642
Below Poverty Percent:	33.2
Meidan Income:	1673
Meidan Income Number:	1100
Meidan Income Percent:	56.88
Vacant Housing Number:	24
Vacant Housing Percent:	2.77
Unemployed Number:	147
Unemployed Percent:	7.6
Name:	8 CANAL ROAD
Address:	8 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	236026
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Property Number:	Map 2, Block 0, Lot 6
Parcel Size:	3.19
Latitude:	42.6109408
Longitude:	-72.5561722
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	N
Program Name:	BF
AA Activity Funded:	Phase I
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase I
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	PAHs
Contaminants Found at Actionable Level:	PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	96191001
Start Date:	2017-09-06 00:00:00
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	2018-03-14 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	RTN 1-0020219
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2019-11-25 00:00:00
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	642
Below Poverty Percent:	33.2
Meidan Income:	1673
Meidan Income Number:	1100
Meidan Income Percent:	56.88
Vacant Housing Number:	24
Vacant Housing Percent:	2.77
Unemployed Number:	147

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Unemployed Percent:	7.6
Name:	8 CANAL ROAD
Address:	8 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	236026
Property Alias:	Not reported
Recipient Name:	R1 TBA - Massachusetts (STAG Funded)
Grant Type:	Hazardous
Property Number:	Map 2, Block 0, Lot 6
Parcel Size:	3.19
Latitude:	42.6109408
Longitude:	-72.5561722
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	N
Program Name:	Not reported
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	PAHs
Contaminants Found at Actionable Level:	PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	RTN 1-0020219
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2019-11-25 00:00:00
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Radius:	0.5
Below Poverty Number:	642
Below Poverty Percent:	33.2
Meidan Income:	1673
Meidan Income Number:	1100
Meidan Income Percent:	56.88
Vacant Housing Number:	24
Vacant Housing Percent:	2.77
Unemployed Number:	147
Unemployed Percent:	7.6
Name:	8 CANAL ROAD
Address:	8 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	236026
Property Alias:	Not reported
Recipient Name:	R1 TBA - Massachusetts (STAG Funded)
Grant Type:	Hazardous
Property Number:	Map 2, Block 0, Lot 6
Parcel Size:	3.19
Latitude:	42.6109408
Longitude:	-72.5561722
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	N
Program Name:	Not reported
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	PAHs
Contaminants Found at Actionable Level:	PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	RTN 1-0020219
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2019-11-25 00:00:00
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	642
Below Poverty Percent:	33.2
Meidan Income:	1673
Meidan Income Number:	1100
Meidan Income Percent:	56.88
Vacant Housing Number:	24
Vacant Housing Percent:	2.77
Unemployed Number:	147
Unemployed Percent:	7.6
Name:	8 CANAL ROAD
Address:	8 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	236026
Property Alias:	Not reported
Recipient Name:	R1 TBA - Massachusetts (STAG Funded)
Grant Type:	Hazardous
Property Number:	Map 2, Block 0, Lot 6
Parcel Size:	3.19
Latitude:	42.6109408
Longitude:	-72.5561722
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	N
Program Name:	Not reported
AA Activity Funded:	Phase II
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	PAHs
Contaminants Found at Actionable Level:	PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	2018-10-26 00:00:00
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8 CANAL ROAD (Continued)

1024326162

Completion Date:	2019-07-19 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	RTN 1-0020219
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8 CANAL ROAD (Continued)

1024326162

RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2019-11-25 00:00:00
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	642
Below Poverty Percent:	33.2
Meidan Income:	1673
Meidan Income Number:	1100
Meidan Income Percent:	56.88
Vacant Housing Number:	24
Vacant Housing Percent:	2.77
Unemployed Number:	147
Unemployed Percent:	7.6

C17
West
< 1/8
0.107 mi.
564 ft.

SWEENEY FORD
2 THIRD STREET
MONTAGUE, MA 01351

Site 4 of 5 in cluster C

US BROWNFIELDS **1016351439**
FINDS **N/A**

Relative:
Lower

Actual:
199 ft.

US BROWNFIELDS:	
Name:	SWEENEY FORD
Address:	2 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1351
Property ID:	12326
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 4, Lot 178
Parcel Size:	0.5
Latitude:	42.6091307
Longitude:	-72.5586743
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	2004-04-01 00:00:00
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	2005-09-30 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWEENEY FORD (Continued)

1016351439

RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	RLF Leveraged
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	EPA removal program
RLF Leveraged - Funding Amount:	193763
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	633
Below Poverty Percent:	33.76
Meidan Income:	1673
Meidan Income Number:	1086
Meidan Income Percent:	57.92
Vacant Housing Number:	24
Vacant Housing Percent:	2.84
Unemployed Number:	144
Unemployed Percent:	7.68
Name:	SWEENEY FORD
Address:	2 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1351
Property ID:	12326
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 4, Lot 178
Parcel Size:	0.5
Latitude:	42.6091307
Longitude:	-72.5586743
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	2003-01-01 00:00:00
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	2003-03-30 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Not reported
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	RLF Leveraged
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	EPA removal program
RLF Leveraged - Funding Amount:	193763
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	633
Below Poverty Percent:	33.76
Meidan Income:	1673
Meidan Income Number:	1086
Meidan Income Percent:	57.92
Vacant Housing Number:	24
Vacant Housing Percent:	2.84
Unemployed Number:	144
Unemployed Percent:	7.68

Name:	SWEENEY FORD
Address:	2 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1351
Property ID:	12326

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 4, Lot 178
Parcel Size:	0.5
Latitude:	42.6091307
Longitude:	-72.5586743
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	9/29/2004
Redev Completion Date:	Not reported
Completed Date:	2/16/2005
Cleanup Funding:	Not reported
Cleanup Funding Source:	EPA removal program
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Other Federal Funding
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	Not reported
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWEENEY FORD (Continued)

1016351439

Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Not reported
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	RLF Leveraged
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	EPA removal program
RLF Leveraged - Funding Amount:	193763
Cleanup Completion Doc - NFA Letter Received:	Y
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	633
Below Poverty Percent:	33.76
Meidan Income:	1673
Meidan Income Number:	1086
Meidan Income Percent:	57.92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Vacant Housing Number:	24
Vacant Housing Percent:	2.84
Unemployed Number:	144
Unemployed Percent:	7.68
Name:	SWEENEY FORD
Address:	2 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1351
Property ID:	12326
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 4, Lot 178
Parcel Size:	0.5
Latitude:	42.6091307
Longitude:	-72.5586743
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	2003-03-31 00:00:00
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	2004-03-30 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWEENEY FORD (Continued)

1016351439

Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Not reported
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	RLF Leveraged
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	EPA removal program
RLF Leveraged - Funding Amount:	193763
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	633
Below Poverty Percent:	33.76
Meidan Income:	1673
Meidan Income Number:	1086
Meidan Income Percent:	57.92
Vacant Housing Number:	24
Vacant Housing Percent:	2.84
Unemployed Number:	144
Unemployed Percent:	7.68
Name:	SWEENEY FORD
Address:	2 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1351
Property ID:	12326
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 4, Lot 178
Parcel Size:	0.5
Latitude:	42.6091307
Longitude:	-72.5586743
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	Not reported
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWEENEY FORD (Continued)

1016351439

Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Not reported
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	RLF Leveraged
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	EPA removal program
RLF Leveraged - Funding Amount:	193763
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	633
Below Poverty Percent:	33.76
Meidan Income:	1673
Meidan Income Number:	1086
Meidan Income Percent:	57.92
Vacant Housing Number:	24
Vacant Housing Percent:	2.84
Unemployed Number:	144
Unemployed Percent:	7.68
Name:	SWEENEY FORD
Address:	2 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1351
Property ID:	12326
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 4, Lot 178
Parcel Size:	0.5
Latitude:	42.6091307
Longitude:	-72.5586743
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	325785
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	MassWorks grant
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	2016-03-01 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWEENEY FORD (Continued)

1016351439

Start Date:	Not reported
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Not reported
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWEENEY FORD (Continued)

1016351439

RLF Leveraged - Funding Source Type:	RLF Leveraged
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	EPA removal program
RLF Leveraged - Funding Amount:	193763
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	633
Below Poverty Percent:	33.76
Meidan Income:	1673
Meidan Income Number:	1086
Meidan Income Percent:	57.92
Vacant Housing Number:	24
Vacant Housing Percent:	2.84
Unemployed Number:	144
Unemployed Percent:	7.68

FINDS:

Registry ID: 110039536348

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The 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 (TBA) performed by EPA Regions.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

F18
WSW
 < 1/8
 0.108 mi.
 571 ft.

DUBOIS PROPERTY
2 THIRD STREET
TURNER'S FALLS (MONT, MA 01376
Site 1 of 3 in cluster F

SEMS-ARCHIVE **1007646447**
PRP **MAN000103588**

Relative: SEMS Archive:
Higher Site ID: 0103588
Actual: EPA ID: MAN000103588
215 ft. Name: DUBOIS PROPERTY
 Address: 2 THIRD STREET
 Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUBOIS PROPERTY (Continued)

1007646447

City,State,Zip: TURNER'S FALLS (MONT, MA 01376-1111
Cong District: 01
FIPS Code: 25011
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:

Region: 01
Site ID: 0103588
EPA ID: MAN000103588
Site Name: DUBOIS PROPERTY
NPL: N
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2004-11-08 05:00:00
Finish Date: Not reported
Qual: V
Current Action Lead: EPA Perf

Region: 01
Site ID: 0103588
EPA ID: MAN000103588
Site Name: DUBOIS PROPERTY
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2004-09-29 04:00:00
Finish Date: 2005-02-16 05:00:00
Qual: C
Current Action Lead: EPA Perf

Region: 01
Site ID: 0103588
EPA ID: MAN000103588
Site Name: DUBOIS PROPERTY
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2004-07-22 04:00:00
Finish Date: 2004-09-13 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 01
Site ID: 0103588
EPA ID: MAN000103588
Site Name: DUBOIS PROPERTY
NPL: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DUBOIS PROPERTY (Continued)

1007646447

FF: N
 OU: 00
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 2011-02-18 05:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf In-Hse

PRP:
 PRP Name: DUBOIS RUTH E

C19
West
< 1/8
0.120 mi.
633 ft.

STRATHMORE PAPER CO
CANAL ST
MONTAGUE, MA 01376
Site 5 of 5 in cluster C

RCRA NonGen / NLR **1000159105**
NY MANIFEST **MAD001123561**

Relative:
Lower
Actual:
183 ft.

RCRA Listings:
 Date Form Received by Agency: 19800813
 Handler Name: Strathmore Paper Co
 Handler Address: Canal St
 Handler City,State,Zip: MONTAGUE, MA 01376
 EPA ID: MAD001123561
 Contact Name: FREDERICK BLISS
 Contact Address: S BROAD ST
 Contact City,State,Zip: WESTFIELD, MA 01085
 Contact Telephone: 413-568-9111
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 01
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Ma
 State District: W
 Mailing Address: S BROAD ST
 Mailing City,State,Zip: WESTFIELD, MA 01085
 Owner Name: Hammermill Paper Co
 Owner Type: Private
 Operator Name: Strathmore Paper Co
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: STRATHMORE PAPER CO	
Legal Status:	Private
Date Became Current:	19900301
Date Ended Current:	19941130
Owner/Operator Address:	S BROAD ST
Owner/Operator City,State,Zip:	WESTFIELD, MA 01085
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: STRATHMORE PAPER CO	
Legal Status:	Private
Date Became Current:	19900301
Date Ended Current:	19941130
Owner/Operator Address:	S BROAD ST
Owner/Operator City,State,Zip:	WESTFIELD, MA 01085
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Owner/Operator Indicator: Owner
Owner/Operator Name: HAMMERMILL PAPER CO
Legal Status: Private
Date Became Current: 20041016
Date Ended Current: Not reported
Owner/Operator Address: S BROAD ST
Owner/Operator City,State,Zip: WESTFIELD, MA 01085
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19800813
Handler Name: STRATHMORE PAPER CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800813
Handler Name: STRATHMORE PAPER CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19880922
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NY MANIFEST:

EPA ID: MAD001123561
Country: USA
Name: STRATHMORE PAPER COMPANY
Address: CANAL ST
Address 2: Not reported
City,State,Zip: MONTAGUE, MA 01376
Zip 4: Not reported
Location Address 1: CANAL STREET
Location Address 2: Not reported
Location City,State,Zip: TURNER FALLS, MA 01376
Location Zip 4: Not reported
Facility Status: Not reported
Total Tanks: Not reported
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Mailing:

Mailing Name: STRATHMORE PAPER COMPANY
Mailing Contact: STRATHMORE PAPER COMPANY
Mailing Address 1: CANAL STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: TURNER FALLS, MA 01376
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 0000000000

Manifest Data:

Document ID: NYB4304016
Manifest Status: Not reported
Trans1 State ID: 874872MA
Year: 1993
Trans2 State ID: 24269SNY
Generator Ship Date: 01/18/1993
Trans1 Recv Date: 01/18/1993
Trans2 Recv Date: 01/19/1993
TSD Site Recv Date: 01/21/1993
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MAD001123561
Trans1 EPA ID: NYD980761191
Trans2 EPA ID: NYD980761191
TSD ID 1: NYD013277454
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported

Waste Code 1: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 00055
Units: Gallons (liquids only)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYB4477248
Manifest Status:	Not reported
Trans1 State ID:	874872MA
Year:	1991
Trans2 State ID:	Not reported
Generator Ship Date:	11/15/1991
Trans1 Recv Date:	11/15/1991
Trans2 Recv Date:	11/22/1991
TSD Site Recv Date:	11/22/1991
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MAD001123561
Trans1 EPA ID:	NYD980761191
Trans2 EPA ID:	NYD980761191
TSD ID 1:	NYD048148175
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	MERCURY
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00200
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	01.00
Document ID:	NYA8002116
Manifest Status:	C - Completed copy
Trans1 State ID:	000000000
Year:	1988
Trans2 State ID:	000000000
Generator Ship Date:	881201
Trans1 Recv Date:	881201
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881202
Part A Recv Date:	881214
Part B Recv Date:	881208
Generator EPA ID:	MAD001123561

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD067539940
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	B005
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	04825
Units:	Pounds
Number of Containers:	002
Container Type:	Wooden boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	173
Document ID:	NYB5828643
Manifest Status:	Not reported
Trans1 State ID:	10244PNY
Year:	1992
Trans2 State ID:	Not reported
Generator Ship Date:	07/31/1992
Trans1 Recv Date:	07/31/1992
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/03/1992
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MAD001123561
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD067539940
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE PAPER CO (Continued)

1000159105

Waste Code 1:	B006
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	04114
Units:	Kilograms
Number of Containers:	001
Container Type:	Metal boxes, cartons, cases (including roll-offs)
Handling Method:	Burn
Specific Gravity:	01.73
Waste Code 7:	B007
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00020
Units:	Kilograms
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Landfill
Specific Gravity:	01.73

G20
SSE
 < 1/8
 0.124 mi.
 654 ft.

SUNOCO GAS STATION
101 THIRD ST
MONTAGUE, MA 01376

MA UST **U004247789**
 N/A

Site 1 of 4 in cluster G

Relative:
Lower
Actual:
196 ft.

UST:
 Facility ID: 6184
 Name: SUNOCO GAS STATION
 Address: 101 THIRD ST
 Address 2: Not reported
 City,State,Zip: MONTAGUE, MA 01376
 Owner ID: 8780
 Owner: ROBERT BEAUBIEN
 Owner Address: 24 HIGH ST
 Owner Address 2: Not reported
 Owner City,State,Zip: ERVING, MA 01376
 Telephone: Not reported
 Description: Retail Motor Vehicle Fuel Dispensing
 Contact Name: Not reported
 Contact Address: Not reported
 Contact Address 2: Not reported
 Contact City,State,Zip: Not reported
 Contact Email: Not reported
 Update: 1997-04-24 00:00:00
 Update By: Not reported
 Facility Status: CLOSED
 Longitude: -72.55455
 Latitude: 42.60693
 URL: <https://ma-ust.windsorcloud.com/ust/facility/6184>

UST:
 Facility ID: 6184

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO GAS STATION (Continued)

U004247789

Tank ID: 2
Capacity: 2000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 05/05/1966
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 09/16/1992
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6184
Tank ID: 3
Capacity: 1000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 05/05/1966
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 09/16/1992
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUNOCO GAS STATION (Continued)

U004247789

Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Facility ID:	6184
Tank ID:	1
Capacity:	2000.00000
Substance:	Gasoline
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	05/05/1974
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/16/1992
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

G21
SSE
 < 1/8
 0.124 mi.
 654 ft.

BEAUBIEN WILLIAM
101 THIRD ST
TURNERS FALLS, MA 01376
Site 2 of 4 in cluster G

EDR Hist Auto 1020529722
N/A

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
196 ft.	1969	BEAUBIEN WILLIAM	Gasoline Service Stations
	1970	BEAUBIEN WILLIAM	Gasoline Service Stations
	1971	BEAUBIEN WILLIAM	Gasoline Service Stations
	1972	BEAUBIEN WILLIAM	Gasoline Service Stations
	1973	BEAUBIEN WILLIAM	Gasoline Service Stations
	1974	BEAUBIEN WILLIAM	Gasoline Service Stations
	1975	BEAUBIEN WILLIAM	Gasoline Service Stations

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

S105043305

Name: STRATHMORE MILL PROPERTIES
Address: 20 CANAL ST
City,State,Zip: MONTAGUE, MA
RTN: 1-0015175
RAO Class: Not reported
Other RTNs: Not reported
Current Owner: INHABITANTS OF MONTAGUE
MCP Status: RAO
AUL: Not reported
COCs: Not reported
Former Use: Paper mill
Current Use: Town owned/seeking redevelopment
Total Acreage: 1.8999999999999999
Fact Sheet: <https://eeonline.eea.state.ma.us/portal#!/wastesite/1-0015175>

Release:
Name: OLD STRATHMORE BUILDING
Address: 20 CANAL ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0013843 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 03/21/2001
Category: TWO HR
Status Date: 07/20/2001
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

Action Type: RLFA
Action Status: FLDD1A
Action Date: 3/21/2001
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 3/21/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 3/21/2001
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 3/30/2001
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/25/2001
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

S105043305

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 5/25/2001
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/20/2001
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 8/7/2003
Response Action Outcome: Not reported

Chemicals:

Chemical: #2 FUEL OIL
Quantity: 50 gallons
Location Type: ROADWAY
Source: PIPE

Name: STRATHMORE MILL
Address: 20 CANAL ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0015175 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 01/16/2004
Category: 120 DY
Status Date: 01/16/2004
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

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

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/16/2004
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/16/2004
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/16/2004
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 1/16/2004
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

S105043305

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/28/2004
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 2/6/2004
Response Action Outcome: Not reported

Chemicals:
Chemical: ARSENIC
Quantity: 32.3 parts per million

ASBESTOS:
Name: STRATHMORE MILL BUILDING # 10
Address: 20 CANAL STREET
City,State,Zip: MONTAGUE, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 12/12/2012
End Date: 02/28/2013
Date Entered: Not reported
Entry Date: 12/11/2012
Quantity Material Removed SF: 8000.00
Quantity Material Removed LF: .00
Project Description: Trns
AR Tracking ID: 167122
Super Lic Number: AS030368
Monitor Lic Number: AM072273
Lab Lic Number: AA000174
Year: 2012
Sticker Number: 100167288
Form Type: ANF-001
Fee Status: Exempt
Facility Phone: 4138363200
Sub Town: Not reported
Worksite: BUILDING NO. 10
Occupied: 0
Contractor: AC000497
Contract Type: WRITTEN
Hours: Week days: 7-5 Week end:
Project Type: Dem
Abatement Process: Clnp
Location: Not reported
Decon Process: 3 STAGE DECON REMOTE
Disposal Methods: LIVE LOAD OPEN TOP TRAILERS W/ 2 LAYERS OF 10 MIL POLY BLADDER LINERS.
Facility Usage: COLLASPED MILL BUILDING DUE TO FIRE.
Waiver Given: Not reported
DEP Waiver Number: W417-12
DLWD Waiver Number: 5097-2012
Small Owner Occ: 5
Owner Name: TOWN OF MONTAGUE
Owner Address: ONE AVENUE A
Owner City: TURNER FALLS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

S105043305

Owner State: MA
On Site Manager Name: WALTER RAMSEY
On Site Manager Phone: 4138633200
Ins Comp: WILLIS OF MASSACHUSETTS, LLC
Policy Number: WC9805946-01
EXP Date: 9/30/2013
Facility Size: 30000
Transporter Name: Not reported
Transporter Address: Not reported
Transporter City: Not reported
Transporter State: Not reported
Final Site: 39
Certified Name: STEVEN PLOOF
Cert Sign Date: 12/11/2012
Certified Company: S&R CORPORATION
Certified Phone: 9784412000
Entered_by: Not reported

**H24
WNW
< 1/8
0.125 mi.
659 ft.**

**NO LOCATION AID
20 CANAL RD
TURNERS FALLS, MA**

**MA SHWS S108640502
MA RELEASE N/A**

Site 3 of 4 in cluster H

**Relative:
Lower
Actual:
153 ft.**

SHWS:
Name: NO LOCATION AID
Address: 20 CANAL RD
City,State,Zip: TURNERS FALLS, MA
Facility ID: 1-0016634
Source Type: Not reported
Release Town: MONTAGUE
Notification Date: 05/26/2007
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 10/01/2007
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Release:
Name: NO LOCATION AID
Address: 20 CANAL RD
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0016634 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 05/26/2007
Category: TWO HR
Status Date: 10/01/2007
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

MAP FINDINGS

NO LOCATION AID (Continued)

S108640502

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

Actions:

Action Type: RAO - DEP Lead
 Action Status: RAO Statement Received
 Action Date: 10/1/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
 Action Status: Reportable Release under MGL 21E
 Action Date: 5/26/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
 Action Status: Oral Approval of Plan or Action
 Action Date: 5/26/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
 Action Status: FLDD1A
 Action Date: 5/26/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
 Action Status: FOLFLD
 Action Date: 5/27/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
 Action Status: FOLOFF
 Action Date: 5/27/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
 Action Status: FOLFLD
 Action Date: 6/1/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
 Action Date: 6/6/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action
 Action Status: NORA
 Action Date: 6/6/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NO LOCATION AID (Continued)

S108640502

Action Type: RLFA
 Action Status: FOLOFF
 Action Date: 6/8/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action
 Action Status: Notice of Non-Compliance Issued
 Action Date: 8/10/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
 Action Status: Reportable Release under MGL 21E
 Action Date: 8/28/2007
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
 Chemical: OIL
 Quantity: Not reported

**H25
 WNW
 < 1/8
 0.125 mi.
 659 ft.**

**STRATHMORE MILL
 20 CANAL ROAD
 MONTAGUE, MA 01376**

**US BROWNFIELDS 1016409541
 FINDS N/A**

Site 4 of 4 in cluster H

**Relative:
 Lower
 Actual:
 153 ft.**

US BROWNFIELDS:
 Name: STRATHMORE MILL
 Address: 20 CANAL ROAD
 City,State,Zip: MONTAGUE, MA 01376-1106
 Property ID: 15928
 Property Alias: Not reported
 Recipient Name: Franklin Regional Council of Governments
 Grant Type: Hazardous
 Property Number: Map 02, Block 00, Lot 01
 Parcel Size: 2.85
 Latitude: 42.6092204
 Longitude: -72.558611
 Census Tract: 25011040701
 State or Tribal Voluntary Response Program: Not reported
 Program Name: BF
 AA Activity Funded: Not reported
 Start Date: 1/1/2012
 Redev Completion Date: Not reported
 Completed Date: 4/24/2013
 Cleanup Funding: Not reported
 Cleanup Funding Source: Town of Montague
 Activity Funded: Not reported
 Assessment Funding: Not reported
 Assessment Funding Source: Not reported
 Redevelopment Funding: Not reported
 Contaminants REC: Asbestos
 Contaminants Found at Actionable Level: Asbestos
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Cost Share
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	0.25
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	200000
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Y
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	1/1/2012
Redev Completion Date:	Not reported
Completed Date:	4/24/2013
Cleanup Funding:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Cleanup Funding Source:	Franklin Regional Council of Governments
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Brownfields RLF Program Income Subgranted
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	0.25
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	3345
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Y
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	126655
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6

Name: STRATHMORE MILL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	1/1/2012
Redev Completion Date:	Not reported
Completed Date:	4/24/2013
Cleanup Funding:	Not reported
Cleanup Funding Source:	EPA
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Brownfields RLF Grant Funds Loaned
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	0.25
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	45800
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Y
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	1/1/2012
Redev Completion Date:	Not reported
Completed Date:	4/24/2013
Cleanup Funding:	Not reported
Cleanup Funding Source:	EPA
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Brownfields RLF Grant Funds Loaned
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	0.25
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	126655
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Y
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	3345
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97163001
Start Date:	Not reported
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	200000
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Program Name:	BF
AA Activity Funded:	Remediation Cost Estimate
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Remediation Cost Estimate
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	96148501
Start Date:	2014-11-05 00:00:00
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	2015-01-28 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6
Name:	STRATHMORE MILL
Address:	20 CANAL ROAD
City,State,Zip:	MONTAGUE, MA 01376-1106
Property ID:	15928

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 02, Block 00, Lot 01
Parcel Size:	2.85
Latitude:	42.6092204
Longitude:	-72.558611
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	BF
AA Activity Funded:	Remediation Cost Estimate
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos
Contaminants Found at Actionable Level:	Asbestos
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	96148501
Start Date:	2014-11-05 00:00:00
Ownership Entity:	Government
Additional Institutional Controls Information:	Not reported
Completion Date:	2015-01-28 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Vacant Housing Number: 23
Vacant Housing Percent: 2.77
Unemployed Number: 141
Unemployed Percent: 7.6

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

Name: STRATHMORE MILL
Address: 20 CANAL ROAD
City,State,Zip: MONTAGUE, MA 01376-1106
Property ID: 15928
Property Alias: Not reported
Recipient Name: Franklin Regional Council of Governments
Grant Type: Hazardous
Property Number: Map 02, Block 00, Lot 01
Parcel Size: 2.85
Latitude: 42.6092204
Longitude: -72.558611
Census Tract: 25011040701
State or Tribal Voluntary Response Program: Not reported
Program Name: BF
AA Activity Funded: Not reported
Start Date: 1/1/2012
Redev Completion Date: Not reported
Completed Date: 4/24/2013
Cleanup Funding: Not reported
Cleanup Funding Source: Franklin Regional Council of Governments
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Asbestos
Contaminants Found at Actionable Level: Asbestos
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Not reported
Cleanup Funding Entity: Brownfields RLF Program Income Loaned
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 97163001
Start Date: Not reported
Ownership Entity: Government
Additional Institutional Controls Information: Not reported
Completion Date: Not reported
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: Y
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE MILL (Continued)

1016409541

IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	0.25
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	10/20/2011
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Building Materials
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	200000
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	2013-04-24 00:00:00
Past use industrial acreage:	2.85
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Y
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRATHMORE MILL (Continued)

1016409541

Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	602
Below Poverty Percent:	32.44
Meidan Income:	1673
Meidan Income Number:	1036
Meidan Income Percent:	55.82
Vacant Housing Number:	23
Vacant Housing Percent:	2.77
Unemployed Number:	141
Unemployed Percent:	7.6

[Click this hyperlink](#) while viewing on your computer to access 18 additional US BROWNFIELDS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110055493023

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The 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 (TBA) performed by EPA Regions.

THE SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) INTEGRATES MULTIPLE LEGACY SYSTEMS INTO A COMPREHENSIVE TRACKING AND REPORTING TOOL, PROVIDING DATA ON THE INVENTORY OF ACTIVE AND ARCHIVED HAZARDOUS WASTE SITES EVALUATED BY THE SUPERFUND PROGRAM. IT CONTAINS SITES THAT ARE EITHER PROPOSED TO BE OR ARE ON THE NATIONAL PRIORITIES LIST (NPL) AS WELL AS SITES THAT ARE IN THE SCREENING AND ASSESSMENT PHASE FOR POSSIBLE INCLUSION ON THE NPL.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D26
SSW
1/8-1/4
0.129 mi.
682 ft.

POWER TURNER FALLS LP
152 AVENUE A
TURNERS FALLS, MA 01376
Site 4 of 5 in cluster D

RCRA NonGen / NLR **1025885871**
MAR000572537

Relative:
Lower
Actual:
196 ft.

RCRA Listings:	
Date Form Received by Agency:	20191202
Handler Name:	Power Turner Falls Lp
Handler Address:	Avenue A
Handler City,State,Zip:	TURNERS FALLS, MA 01376
EPA ID:	MAR000572537
Contact Name:	LIZ RENO
Contact Address:	AVENUE A
Contact City,State,Zip:	TURNERS FALLS, MA 01376
Contact Telephone:	413-863-9433
Contact Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWER TURNER FALLS LP (Continued)

1025885871

Contact Email:	POWERTOWN@HMRPROPERTIES.COM
Contact Title:	PROPERTY MANAGER
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	State-specific Activities
State District Owner:	Ma
State District:	WE
Mailing Address:	AVENUE A
Mailing City,State,Zip:	TURNERS FALLS, MA 01376
Owner Name:	Power Turner Falls Lp
Owner Type:	Private
Operator Name:	Power Turner Falls Lp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191211
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWER TURNER FALLS LP (Continued)

1025885871

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: POWER TURNER FALLS LP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 152 AVENUE A
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376
Owner/Operator Telephone: 413-863-9433
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: POWERTOWN@HMRPROPERTIES.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: POWER TURNER FALLS LP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 152 AVENUE A
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376
Owner/Operator Telephone: 413-863-9433
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: POWERTOWN@HMRPROPERTIES.COM

Historic Generators:

Receive Date: 20191202
Handler Name: POWER TURNER FALLS LP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 531110
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

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

D27 SSW 1/8-1/4 0.129 mi. 682 ft.	POWER TURNER FALLS LP 152 AVE A TURNERS FALLS, MA 01376 Site 5 of 5 in cluster D	MA HW GEN	S125981326 N/A
Relative: Lower	HW GEN: Name: POWER TURNER FALLS LP Address: 152 AVE A City,State,Zip: TURNERS FALLS, MA 01376 EPA Id: MAR000572537 RCRA Generator Status: Not reported State Generator Status: VQG-MA		
Actual: 196 ft.			

F28 WSW 1/8-1/4 0.150 mi. 794 ft.	ESLEECK MFG CO INC OFF CANAL ST MONTAGUE, MA 01376 Site 2 of 3 in cluster F	MA UST	U004247779 N/A
Relative: Lower	UST: Facility ID: 6171 Name: ESLEECK MFG CO INC Address: OFF CANAL ST Address 2: Not reported City,State,Zip: MONTAGUE, MA 01376 Owner ID: 2187 Owner: ESLEECK MFG CO INC Owner Address: CANAL ST Owner Address 2: Not reported Owner City,State,Zip: ERVING, MA 01376 Telephone: Not reported Description: Not reported Contact Name: Not reported Contact Address: Not reported Contact Address 2: Not reported Contact City,State,Zip: Not reported Contact Email: Not reported Update: 1991-08-29 00:00:00 Update By: Not reported Facility Status: CLOSED Longitude: -72.55950 Latitude: 42.60865 URL: https://ma-ust.windsorcloud.com/ust/facility/6171		
Actual: 191 ft.			
	UST: Facility ID: 6171 Tank ID: 1 Capacity: 1000.00000 Substance: Gasoline Tank Construct: Not reported Tank Usage: Not reported Pipe Construct: Not reported Pipe Type: Not reported Latitude: Not reported Longitude: Not reported Date Installed: 05/06/1936 Number of Compartment: Not reported Pipe Install Date: Not reported Pipe Leak Install Date: Not reported		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ESLEECK MFG CO INC (Continued)

U004247779

Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	12/04/1989
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

F29
WSW
1/8-1/4
0.151 mi.
796 ft.

COUTURE BROS INC
CANAL ST
MONTAGUE, MA 01376

MA UST **U004247778**
N/A

Site 3 of 3 in cluster F

Relative:
Lower
Actual:
190 ft.

UST:	
Facility ID:	6170
Name:	COUTURE BROS INC
Address:	CANAL ST
Address 2:	Not reported
City,State,Zip:	MONTAGUE, MA 01376
Owner ID:	1555
Owner:	COUTURE BROS INC
Owner Address:	187 AVE A
Owner Address 2:	Not reported
Owner City,State,Zip:	ERVING, MA 01376
Telephone:	Not reported
Description:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,State,Zip:	Not reported
Contact Email:	Not reported
Update:	1991-12-11 00:00:00
Update By:	Not reported
Facility Status:	CLOSED
Longitude:	-72.55951
Latitude:	42.60865
URL:	https://ma-ust.windsorcloud.com/ust/facility/6170
UST:	
Facility ID:	6170
Tank ID:	1
Capacity:	5000.00000
Substance:	Unregulated Content
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUTURE BROS INC (Continued)

U004247778

Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	04/29/1970
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	04/30/1991
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Facility ID:	6170
Tank ID:	2
Capacity:	5000.00000
Substance:	Unregulated Content
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	Not reported
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	04/30/1991
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COUTURE BROS INC (Continued)

U004247778

Facility ID:	6170
Tank ID:	3
Capacity:	1000.00000
Substance:	Unregulated Content
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	Not reported
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	04/30/1991
Overflow Protect Install:	Not reported
Overflow Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

G30
SSE
1/8-1/4
0.155 mi.
818 ft.

F.L. ROBERTS STATION
INTERSECTION OF 3RD AND L STS
TURNERS FALLS, MA 01376
Site 3 of 4 in cluster G

MA SHWS S113411563
MA RELEASE N/A

Relative:
Lower
Actual:
194 ft.

SHWS:	
Name:	F.L. ROBERTS STATION
Address:	INTERSECTION OF 3RD AND L STS
City,State,Zip:	TURNERS FALLS, MA 013760000
Facility ID:	1-0018984
Source Type:	VEHICLE
Release Town:	MONTAGUE
Notification Date:	01/23/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	09/19/2013
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

Release:
 Name: F.L. ROBERTS STATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F.L. ROBERTS STATION (Continued)

S113411563

Address: INTERSECTION OF 3RD AND L STS
City,State,Zip: TURNERS FALLS, MA 013760000
Release Tracking Number/Current Status: 1-0018984 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 01/23/2013
Category: TWO HR
Status Date: 09/19/2013
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 1/23/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 1/23/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/23/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 10/23/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 12/10/2014
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level III - Comprehensive Audit
Action Date: 12/22/2014
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 12/22/2014
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F.L. ROBERTS STATION (Continued)

S113411563

Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	12/22/2014
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/15/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	2/19/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/25/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/25/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	6/11/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/21/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/19/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	9/19/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	9/19/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F.L. ROBERTS STATION (Continued)

S113411563

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

Chemicals:
Chemical: DIESEL FUEL
Quantity: 25 gallons
Location Type: COMMERCIAL
Source: VEHICLE

31
SSW
1/8-1/4
0.163 mi.
863 ft.

APEX DENTAL ASSOCIATES
173 AVE A
TURNERS FALLS, MA 01376

MA HW GEN S123540690
N/A

Relative: Lower
Actual: 192 ft.
HW GEN:
Name: APEX DENTAL ASSOCIATES
Address: 173 AVE A
City,State,Zip: TURNERS FALLS, MA 01376
EPA Id: MAR000539734
RCRA Generator Status: VSQG
State Generator Status: Not reported

G32
SSE
1/8-1/4
0.167 mi.
882 ft.

NO LOCATION AID
130 THIRD ST
MONTAGUE, MA 01351
Site 4 of 4 in cluster G

MA LUST S104482030
MA RELEASE N/A

Relative: Lower
Actual: 193 ft.
LUST:
Facility:
Name: NO LOCATION AID
Address: 130 THIRD ST
City,State,Zip: MONTAGUE, MA 013510000
Current Status: Response Action Outcome
Release Tracking Number/Current Status: 1-0013186 / RAO
Status Date: 09/22/2000
Source Type: UST
Release Town: MONTAGUE
Notification Date: 11/15/1999
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

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

Chemicals:
Chemical: ALIPHATIC HYDROCARBONS C19 THRU C36

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482030

Quantity: 9700 milligrams per kilogram
Chemical: AROMATIC HYDROCARBONS C11 THRU C22
Quantity: 970 milligrams per kilogram

Actions:

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/14/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/14/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/15/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/15/1999
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 11/18/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/19/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/22/1999
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 9/22/2000
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/22/2000
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 9/28/2000
Response Action Outcome: Not reported

Release:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482030

Name: NO LOCATION AID
Address: 130 THIRD ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0013186 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 11/15/1999
Category: 72 HR
Status Date: 09/22/2000
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/14/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/14/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/15/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/15/1999
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 11/18/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/19/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/22/1999
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 9/22/2000
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482030

Action Status: RAO Statement Received
Action Date: 9/22/2000
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 9/28/2000
Response Action Outcome: Not reported

Chemicals:
Chemical: ALIPHATIC HYDROCARBONS C19 THRU C36
Quantity: 9700 milligrams per kilogram
Chemical: AROMATIC HYDROCARBONS C11 THRU C22
Quantity: 970 milligrams per kilogram
Location Type: COMMERCIAL
Source: UST

I33
SSE
1/8-1/4
0.172 mi.
910 ft.

NOURIA# 1058
132 THIRD ST
MONTAGUE, MA 01376

MA LUST **U004247790**
MA UST **N/A**

Site 1 of 4 in cluster I

Relative:
Lower

LUST:

Actual:
194 ft.

Facility:

Name: FL ROBERTS
Address: 132 THIRD ST
City,State,Zip: MONTAGUE, MA 01351
Current Status: DEP No Further Action
Release Tracking Number/Current Status: 1-0000375 / DEP NFA
Status Date: 07/23/1993
Source Type: UST
Release Town: MONTAGUE
Notification Date: 01/15/1988
Category: NONE
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Not reported

Location Type: GASSTATION
Source: UST

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

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1988
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA# 1058 (Continued)

U004247790

Action Type: TREGS
Action Status: DEPNFA
Action Date: 7/23/1993
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: REMSIT
Action Date: 7/23/1993
Response Action Outcome: Not reported

UST:

Facility ID: 6185
Name: NOURIA# 1058
Address: 132 THIRD ST
Address 2: Not reported
City,State,Zip: MONTAGUE, MA 01376
Owner ID: 9245
Owner: NOURIA ENERGY RETAIL INC
Owner Address: 326 CLARK ST
Owner Address 2: Not reported
Owner City,State,Zip: WORCESTER, MA 01606
Telephone: 4136429079
Description: Retail Motor Vehicle Fuel Dispensing
Contact Name: John Collins
Contact Address: 326 Clark St
Contact Address 2: Not reported
Contact City,State,Zip: Worcester, MA 01606
Contact Email: John.Collins@NouriaEnergy.com
Update: 2023-06-29 00:00:00
Update By: John Collins
Facility Status: OPEN
Longitude: -72.55451
Latitude: 42.60667
URL: <https://ma-ust.windsorcloud.com/ust/facility/6185>

UST:

Facility ID: 6185
Tank ID: 4
Capacity: 4000.00000
Substance: Diesel
Tank Construct: Double-walled metal tank (cathodic protection required)
Tank Usage: Motor Vehicle
Pipe Construct: Double-walled non-corrodible material (No corrosion protection required)
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 08/01/1987
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA# 1058 (Continued)

U004247790

Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	06/16/2014
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	In-Tank Monitoring System
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6185
Tank ID:	8
Capacity:	10000.00000
Substance:	Gasoline
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Pressurized piping system with electronic automatic line leak detection
Latitude:	42.60667
Longitude:	-72.55451
Date Installed:	12/07/1999
Number of Compartment:	Not reported
Pipe Install Date:	12/07/1999
Pipe Leak Install Date:	Not reported
Submersible Sump:	Y
Submersible Sump Install Date:	Not reported
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	In Use
Status Date:	Not reported
Overfill Protect Install:	Not reported
Overfill Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6185
Tank ID:	9
Capacity:	5000.00000
Substance:	Diesel
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA# 1058 (Continued)

U004247790

Pipe Type:	Pressurized piping system with electronic automatic line leak detection
Latitude:	42.60667
Longitude:	-72.55451
Date Installed:	07/03/2014
Number of Compartment:	Not reported
Pipe Install Date:	07/03/2014
Pipe Leak Install Date:	Not reported
Submersible Sump:	Y
Submersible Sump Install Date:	Not reported
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	In Use
Status Date:	Not reported
Overfill Protect Install:	Not reported
Overfill Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6185
Tank ID:	2
Capacity:	4000.00000
Substance:	Gasoline
Tank Construct:	Not reported
Tank Usage:	Not reported
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	05/02/1965
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	10/01/1987
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA# 1058 (Continued)

U004247790

Facility ID: 6185
Tank ID: 7
Capacity: 12000.00000
Substance: Gasoline
Tank Construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage: Motor Vehicle
Pipe Construct: Double-walled non-corrodible material (No corrosion protection required)
Pipe Type: Pressurized piping system with electronic automatic line leak detection
Latitude: 42.60667
Longitude: -72.55451
Date Installed: 12/07/1999
Number of Compartment: Not reported
Pipe Install Date: 12/07/1999
Pipe Leak Install Date: Not reported
Submersible Sump: Y
Submersible Sump Install Date: Not reported
Turbine Sump: Y
Turbine Sump Sensor: Y
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: In Use
Status Date: Not reported
Overfill Protect Install: Not reported
Overfill Protect Type: Automatic shut-off valve
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring

Facility ID: 6185
Tank ID: 3
Capacity: 4000.00000
Substance: Gasoline
Tank Construct: Not reported
Tank Usage: Not reported
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 05/02/1965
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA# 1058 (Continued)

U004247790

Tank Status:	Tank Removed
Status Date:	10/01/1987
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Facility ID:	6185
Tank ID:	5
Capacity:	4000.00000
Substance:	Diesel
Tank Construct:	Double-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	08/01/1987
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	06/16/2014
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	In-Tank Monitoring System
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6185
Tank ID:	1
Capacity:	10000.00000
Substance:	Gasoline
Tank Construct:	Not reported
Tank Usage:	Motor Vehicle
Pipe Construct:	Not reported
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	05/02/1965
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA# 1058 (Continued)

U004247790

Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	10/01/1987
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Facility ID:	6185
Tank ID:	6
Capacity:	8000.00000
Substance:	Gasoline
Tank Construct:	Double-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Single-walled metal (Corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	08/01/1987
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	11/13/1999
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I34
SSE
1/8-1/4
0.172 mi.
910 ft.

NOURIA NEC OPCO 1, INC.
132 3RD STREET
TURNERS FALLS, MA 01376

RCRA-VSQQ **1024881937**
E MANIFEST **MAR000523308**

Site 2 of 4 in cluster I

Relative:
Lower
Actual:
194 ft.

RCRA Listings:
 Date Form Received by Agency: 20181025
 Handler Name: Nouria 04064
 Handler Address: Third St
 Handler City,State,Zip: TURNERS FALLS, MA 01376
 EPA ID: MAR000523308
 Contact Name: JOHN COLLINS
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: 774-314-5358
 Contact Fax: 508-762-3701
 Contact Email: JOHN.COLLINS@NOURIAENERGY.COM
 Contact Title: Not reported
 EPA Region: 01
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Ma
 State District: WE
 Mailing Address: CLARK STREET
 Mailing City,State,Zip: WORCESTER, MA 01606
 Owner Name: Ch Realty Vii/ Cg Mact Bird Llc
 Owner Type: Private
 Operator Name: Nec Opco I, Inc.
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 2018 GPRC Permit Baseline: Not on the Baseline
 2018 GPRC Renewals Baseline: Not on the Baseline
 202 GPRC Corrective Action Baseline: No
 Subject to Corrective Action Universe: No
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181026
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CH REALTY VII/ CG MACT BIRD LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	CO/ 326 CLARK STREET
Owner/Operator City,State,Zip:	WORCESTER, MA 01606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEC OPCO I, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 CLARK STREET
Owner/Operator City,State,Zip:	WORCESTER, MA 01606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEC OPCO I, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 CLARK STREET
Owner/Operator City,State,Zip:	WORCESTER, MA 01606

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CH REALTY VII/ CG MACT BIRD LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: CO/ 326 CLARK STREET
Owner/Operator City,State,Zip: WORCESTER, MA 01606
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180726
Handler Name: NOURIA 04064
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20181025
Handler Name: NOURIA 04064
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

E MANIFEST:

Manifest Tracking Number: 023964127JJK
Last Updated Date: 20220922
Shipped Date: 20220906
Received Date: 20220912
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MAR000523308
Generator Name: Nec Opco !, Inc.
Generator Mail Street Number: Not reported
Generator Mail Street 1: 132 THIRD STREET
Generator Mail Street 2: Not reported
Generator Mail City: TURNERS FALLS
Generator Mail State: MA
Generator Mail Zip: 01376
Generator Location Street Number: Not reported
Generator Location Street 1: 326 CLARK STREET
Generator Location Street 2: ATTN: STEVE KLENK
Generator Location City: WORCESTER
Generator Location Zip: 01376
Generator Location State: MA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: NJD002454544
Designated Facility Name: Veolia Es Technical Solutions
Designated Facility Mail Street Number: 125
Designated Facility Mail Street 1: 125 FACTORY LANE
Designated Facility Mail Street 2: L.L.C.
Designated Facility Mail City: MIDDLESEX
Designated Facility Mail Zip: 08846
Designated Facility Mail State: NJ
Designated Facility Location Street Number: 125
Designated Facility Location Street 1: L.L.C.
Designated Facility Location Street 2: 125 FACTORY LANE
Designated Facility Location City: MIDDLESEX
Designated Facility Location Zip: 08846
Designated Facility Location State: NJ
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 021838652JJK
Last Updated Date: 20201113
Shipped Date: 20201029
Received Date: 20201109
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MAR000523308
Generator Name: Nec Opco !, Inc.
Generator Mail Street Number: Not reported
Generator Mail Street 1: 132 THIRD STREET
Generator Mail Street 2: Not reported
Generator Mail City: TURNERS FALLS
Generator Mail State: MA
Generator Mail Zip: 01376
Generator Location Street Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

Generator Location Street 1: 326 CLARK STREET
Generator Location Street 2: ATTN: STEVE KLENK
Generator Location City: WORCESTER
Generator Location Zip: 01376
Generator Location State: MA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: OHD093945293
Designated Facility Name: Veolia Es Technical Solutions,
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: 4301 INFIRMARY ROAD
Designated Facility Mail Street 2: L.L.C.
Designated Facility Mail City: WEST CARROLLTON
Designated Facility Mail Zip: 45449
Designated Facility Mail State: OH
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: L.L.C.
Designated Facility Location Street 2: 4301 INFIRMARY ROAD
Designated Facility Location City: WEST CARROLLTON
Designated Facility Location Zip: 45449
Designated Facility Location State: OH
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 021838763JJK
Last Updated Date: 20210205
Shipped Date: 20210125
Received Date: 20210125
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MAR000523308
Generator Name: Nec Opco 1 Inc
Generator Mail Street Number: 132
Generator Mail Street 1: 132 THIRD STREET
Generator Mail Street 2: Not reported
Generator Mail City: TURNERS FALLS
Generator Mail State: MA
Generator Mail Zip: 01376
Generator Location Street Number: 326
Generator Location Street 1: 326 CLARK STREET
Generator Location Street 2: Not reported
Generator Location City: WORCESTER
Generator Location Zip: 01606
Generator Location State: MA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: CTD021816889
Designated Facility Name: Tradebe T&R Northeast, Llc
Designated Facility Mail Street Number: 136
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: GRACEY AVE.
Designated Facility Mail City: MERIDEN
Designated Facility Mail Zip: 06451
Designated Facility Mail State: CT
Designated Facility Location Street Number: 136
Designated Facility Location Street 1: 136 GRACEY AVE
Designated Facility Location Street 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

Designated Facility Location City:	MERIDEN
Designated Facility Location Zip:	06451
Designated Facility Location State:	CT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021838938JJK
Last Updated Date:	20210611
Shipped Date:	20210603
Received Date:	20210607
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	MAR000523308
Generator Name:	Nec Opco 1 Inc
Generator Mail Street Number:	132
Generator Mail Street 1:	132 THIRD STREET
Generator Mail Street 2:	Not reported
Generator Mail City:	TURNERS FALLS
Generator Mail State:	MA
Generator Mail Zip:	01376
Generator Location Street Number:	326
Generator Location Street 1:	326 Clark Street
Generator Location Street 2:	Not reported
Generator Location City:	Worcester
Generator Location Zip:	01606
Generator Location State:	MA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CTD021816889
Designated Facility Name:	Tradebe T&R Northeast, Llc
Designated Facility Mail Street Number:	136
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	GRACEY AVE.
Designated Facility Mail City:	MERIDEN
Designated Facility Mail Zip:	06451
Designated Facility Mail State:	CT
Designated Facility Location Street Number:	136
Designated Facility Location Street 1:	136 GRACEY AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	MERIDEN
Designated Facility Location Zip:	06451
Designated Facility Location State:	CT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021178893JJK
Last Updated Date:	20200529
Shipped Date:	20200423
Received Date:	20200504
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	MAR000523308
Generator Name:	Nec Opco !, Inc.
Generator Mail Street Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

Generator Mail Street 1:	132 THIRD STREET
Generator Mail Street 2:	Not reported
Generator Mail City:	TURNERS FALLS
Generator Mail State:	MA
Generator Mail Zip:	01376
Generator Location Street Number:	Not reported
Generator Location Street 1:	326 CLARK STREET
Generator Location Street 2:	ATTN: STEVE KLENK
Generator Location City:	WORCESTER
Generator Location Zip:	01376
Generator Location State:	MA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD093945293
Designated Facility Name:	Veolia Es Technical Solutions Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	4301 INFIRMARY RD PO BOX 453
Designated Facility Mail City:	WEST CARROLLTON
Designated Facility Mail Zip:	45342
Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	4301 INFIRMARY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	WEST CARROLLTON
Designated Facility Location Zip:	45449
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023108924JJK
Last Updated Date:	20220429
Shipped Date:	20220329
Received Date:	20220405
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	MAR000523308
Generator Name:	Nec Opco !, Inc.
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	132 THIRD STREET
Generator Mail Street 2:	Not reported
Generator Mail City:	TURNERS FALLS
Generator Mail State:	MA
Generator Mail Zip:	01376
Generator Location Street Number:	Not reported
Generator Location Street 1:	326 CLARK STREET
Generator Location Street 2:	ATTN: STEVE KLENK
Generator Location City:	WORCESTER
Generator Location Zip:	01376
Generator Location State:	MA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD093945293
Designated Facility Name:	Veolia Es Technical Solutions,
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	4301 INFIRMARY ROAD
Designated Facility Mail Street 2:	L.L.C.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

Designated Facility Mail City: WEST CARROLLTON
Designated Facility Mail Zip: 45449
Designated Facility Mail State: OH
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: L.L.C.
Designated Facility Location Street 2: 4301 INFIRMARY ROAD
Designated Facility Location City: WEST CARROLLTON
Designated Facility Location Zip: 45449
Designated Facility Location State: OH
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 012662768FLE
Last Updated Date: 20190823
Shipped Date: 20190125
Received Date: 20190125
Manifest Status: Corrected
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MAR000523308
Generator Name: Nouria Nec Opco 1, Inc.
Generator Mail Street Number: Not reported
Generator Mail Street 1: 132 3RD STREET
Generator Mail Street 2: Not reported
Generator Mail City: TURNERS FALLS
Generator Mail State: MA
Generator Mail Zip: 01376
Generator Location Street Number: Not reported
Generator Location Street 1: 132 3rd Street
Generator Location Street 2: Not reported
Generator Location City: Turners Falls
Generator Location Zip: 01376
Generator Location State: MA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MAD082303777
Designated Facility Name: Cyn Oil Corporation
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 1771 Washington St
Designated Facility Mail City: Stoughton
Designated Facility Mail Zip: 02072
Designated Facility Mail State: MA
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 1771 Washington St
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Stoughton
Designated Facility Location Zip: 02072
Designated Facility Location State: MA
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

State Waste:

Manifest Tracking Number: 012662768FLE
Waste Line Number: 1
State Waste Code Owner: MA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NOURIA NEC OPCO 1, INC. (Continued)

1024881937

State Waste Code:	MA98
State Waste:	Ma98
Transporter:	
Manifest Tracking Number:	012662768FLE
Transporter Line Number:	1
Transporter EPA ID:	MAC300010147
Transporter Name:	Western Mass Environmental
Waste Line:	
Manifest Tracking Number:	012662768FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONE, STATE REGULATED OIL WASTE- NON DOT REGULATED, NONE, NONE
Number of Containers:	1
Container Type Code:	TT
Container Type Description:	Cargo tanks (tank trucks)
Waste Quantity:	355
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	1.4804003
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.4804003
Waste Quantity, in Kilograms:	1342.7676
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilograms:	1342.7676
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

I35
SSE
1/8-1/4
0.172 mi.
910 ft.

NOURIA 04064
132 THIRD ST
TURNERS FALLS, MA 01376
Site 3 of 4 in cluster I

MA SPILLS **S106078155**
MA HW GEN **N/A**

Relative:
Lower
Actual:
194 ft.

MA Spills:			
Facility ID:	1-0375	Spill ID:	W87-0402
Staff Lead:	SLOWICK, D	Date Entered:	19870916
Last Entered:	19870916	First Response:	19870716
Spill Date:	19870715	Spill Time:	0 :00
Report Date:	19870716	Report Time:	10:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOURIA 04064 (Continued)

S106078155

Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	NONE	Qty Actual:	NONE
Qty Reported:	_____	Qty Actual:	_____
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	U.S.T.	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	NOT USED
Referral:	SA	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	882		

HW GEN:

Name:	NOURIA 04064
Address:	132 THIRD ST
City,State,Zip:	TURNERS FALLS, MA 01376
EPA Id:	MAR000523308
RCRA Generator Status:	VSQG
State Generator Status:	Not reported

I36
SSE
1/8-1/4
0.173 mi.
914 ft.

NO LOCATION AID
130 THIRD ST
MONTAGUE, MA 13510

UST FINDER RELEASE **1029054842**
N/A

Site 4 of 4 in cluster I

Relative:
Lower
Actual:
193 ft.

UST FINDER RELEASE:	
Object ID:	198476
Facility ID:	Not reported
Lust ID:	MA1-0013186
Name:	NO LOCATION AID
Address:	130 THIRD ST
City,State,Zip:	MONTAGUE, MA 13510000
Address Match Type:	PointAddress
Reported Date:	1999/11/15 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1498
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	MA1106012_1
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	010802010503
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

1029054842

NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode
X Coord: -72.5544960999999
Y Coord: 42.6068015000001
Latitude: 42.6068015
Longitude: -72.5544960999999

37
SW
1/8-1/4
0.181 mi.
955 ft.

ROADWAYS
5TH ST AND J ST
TURNERS FALLS, MA

MA SHWS S109682895
MA RELEASE N/A

Relative:
Higher
Actual:
205 ft.

SHWS:
Name: ROADWAYS
Address: 5TH ST AND J ST
City,State,Zip: TURNERS FALLS, MA
Facility ID: 1-0017513
Source Type: HOSE
Release Town: MONTAGUE
Notification Date: 07/16/2009
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 09/02/2009
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Release:
Name: ROADWAYS
Address: 5TH ST AND J ST
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0017513 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 07/16/2009
Category: TWO HR
Status Date: 09/02/2009
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

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

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 11/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROADWAYS (Continued)

S109682895

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/16/2009
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 Status: Reportable Release under MGL 21E
Action Date: 7/16/2009
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: RLFA
Action Status: FLDRAN
Action Date: 7/16/2009
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 Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/17/2009
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: RLFA
Action Status: FLDRUN
Action Date: 7/21/2009
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: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/2/2009
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: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/2/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: DIESEL FUEL
Quantity: 20 gallons
Location Type: ROADWAY
Source: HOSE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J38 **STRATHMORE PAPER CO TURNERS FALLS**
WSW
1/8-1/4 **TURNERS FALLS, MA**
0.182 mi.
961 ft. **Site 1 of 2 in cluster J**

PFAS ECHO **1027423882**
N/A

Relative:
Lower
Actual:
179 ft.

PFAS ECHO:
 Name: Strathmore Paper Co Turners Falls
 Address: Not reported
 City,State,Zip: TURNERS FALLS, MA
 Latitude: 42.60834
 Longitude: -72.56002
 Count: 1
 County: FRANKLIN
 Status: Inactive
 Region: 01
 Industry: Paper Mills and Products
 ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110001946486>
 Facility Percent Minority: 10.552
 Facility Derived Tribes: -
 Facility Population: 785.71
 EPA Programs: RCRA
 Federal Facility: No
 Federal Agency: -
 Facility FIPS Code: 25011
 Facility Indian Country Flag: N
 Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
 Facility Derived HUC: 01080201
 Facility Derived WBD: 010802010503
 Facility Derived CD113: 02
 Facility Derived CB2010: 250110407012014
 Facility Major Flag: -
 Facility Active Flag: -
 Facility Inspection Count: 0
 Facility Date Last Inspection: 9/22/1988
 Facility Days Last Inspection: 13,064
 Facility Informal Count: 0
 Facility Date Last Informal Action: -
 Facility Formal Action Count: 0
 Facility Date Last Formal Action: -
 Facility Total Penalties: 0
 Facility Penalty Count: -
 Facility Date Last Penalty: -
 Facility Last Penalty AMT: -
 Facility QTRS With NC: 0
 Facility Programs With SNC: 0
 Facility Compliance Status: No Violation Identified
 Facility SNC Flag: N
 AIR Flag: N
 NPDES Flag: N
 SDWIS Flag: N
 RCRA Flag: Y
 TRI Flag: N
 GHG Flag: N
 AIR IDS: -
 CAA Permit Types: -
 CAA NAICS: -
 CAA SICS: -
 NPDES IDS: -

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STRATHMORE PAPER CO TURNERS FALLS (Continued)

1027423882

CWA Permit Types: -
 CWA NAICS: -
 CWA SICS: -
 RCRA IDS: MAD001123561
 RCRA Permit Types: Other
 RCRA NAICS: -
 SDWA IDS: -
 SDWA System Types: -
 SDWA Compliance Status: -
 SDWA SNC Flag: N
 TRI IDS: 01376STRTHCANAL
 TRI Releases Transfers: -
 TRI On Site Releases: -
 TRI Off Site Transfers: -
 TRI Reporter: -
 Facility IMP Water Flag: -
 EJSCREEN Flag US: Y

EJSCREEN Report:

K39
West
1/8-1/4
0.183 mi.
967 ft.

PAPERLOGIC TURNERS FALLS MILL

PFAS ECHO 1027401958

MONTAGUE (TURNERS FALLS), MA

N/A

Site 1 of 4 in cluster K

Relative:
Lower
Actual:
152 ft.

PFAS ECHO:
 Name: Paperlogic Turners Falls Mill
 Address: Not reported
 City,State,Zip: MONTAGUE (TURNERS FALLS), MA
 Latitude: 42.609152
 Longitude: -72.560239
 Count: 1
 County: FRANKLIN
 Status: Active
 Region: 01
 Industry: Paper Mills and Products
 ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110002464155>
 Facility Percent Minority: 10.604
 Facility Derived Tribes: -
 Facility Population: 787.34
 EPA Programs: CAA; CWA; RCRA
 Federal Facility: No
 Federal Agency: -
 Facility FIPS Code: 25011
 Facility Indian Country Flag: N
 Facility Collection Method: INTERPOLATION-PHOTO
 Facility Derived HUC: 01080201
 Facility Derived WBD: 010802010503
 Facility Derived CD113: 02
 Facility Derived CB2010: 250110407012003
 Facility Major Flag: Y
 Facility Active Flag: Y
 Facility Inspection Count: 0
 Facility Date Last Inspection: 8/16/2017
 Facility Days Last Inspection: 2,509
 Facility Informal Count: 0
 Facility Date Last Informal Action: 3/4/2013

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAPERLOGIC TURNERS FALLS MILL (Continued)

1027401958

Facility Formal Action Count: 0
 Facility Date Last Formal Action: -
 Facility Total Penalties: 0
 Facility Penalty Count: -
 Facility Date Last Penalty: -
 Facility Last Penalty AMT: -
 Facility QTRS With NC: 0
 Facility Programs With SNC: 0
 Facility Compliance Status: No Violation Identified
 Facility SNC Flag: N
 AIR Flag: Y
 NPDES Flag: Y
 SDWIS Flag: N
 RCRA Flag: Y
 TRI Flag: N
 GHG Flag: N
 AIR IDS: MA0000002504200100
 CAA Permit Types: Minor Emissions
 CAA NAICS: 322110
 CAA SICs: 2621
 NPDES IDS: MA0005011 MAR05D552
 CWA Permit Types: Major, Non-M
 CWA NAICS: -
 CWA SICs: 2621
 RCRA IDS: MAD001116532
 RCRA Permit Types: VSQG
 RCRA NAICS: 32211
 SDWA IDS: -
 SDWA System Types: -
 SDWA Compliance Status: -
 SDWA SNC Flag: N
 TRI IDS: 01376SLCKMOFFCA
 TRI Releases Transfers: -
 TRI On Site Releases: -
 TRI Off Site Transfers: -
 TRI Reporter: -
 Facility IMP Water Flag: Y
 EJSCREEN Flag US: Y

EJSCREEN Report:

K40
West
1/8-1/4
0.185 mi.
975 ft.
Relative:
Lower
Actual:
149 ft.

SOUTHWORTH SPECIALTY PAPERS
36 CANAL ROAD
TURNERS FALLS, MA 01376
Site 2 of 4 in cluster K

MA SHWS S109546320
MA LAST N/A
MA RELEASE
MA AIRS
MA ASBESTOS
MA HW GEN
MA NPDES

SHWS:
 Name: SOUTHWORTH CO. TURNERS FALLS PAPER MILL
 Address: 36 CANAL ROAD
 City,State,Zip: TURNERS FALLS, MA
 Facility ID: 1-0020371
 Source Type: CONTAINERS
 Release Town: MONTAGUE
 Notification Date: 10/24/2018
 Category: TWO HR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Associated ID: Not reported
Current Status: PSNC
Status Date: 05/28/2019
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

Name: SOUTHWORTH CO. TURNERS FALLS PAPER MILL
Address: 36 CANAL ROAD
City,State,Zip: TURNERS FALLS, MA
Facility ID: 1-0020371
Source Type: DRUMS
Release Town: MONTAGUE
Notification Date: 10/24/2018
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 05/28/2019
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

Name: SOUTHWORTH CO. TURNERS FALLS PAPER MILL
Address: 36 CANAL ROAD
City,State,Zip: TURNERS FALLS, MA
Facility ID: 1-0020371
Source Type: WWTP, CONT
Release Town: MONTAGUE
Notification Date: 10/24/2018
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 05/28/2019
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

LAST:

Name: SOUTHWORTH CO. TURNERS FALLS PAPER MILL
Address: 36 CANAL ROAD
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0020371 / PSNC
Source Type: AST
Release Town: MONTAGUE
Notification Date: 10/24/2018
Category: TWO HR
Associated ID: Not reported
Status Date: 05/28/2019
Phase: Not reported
Response Action Outcome: PN - PN
Oil Or Haz Material: Not reported

Chemicals:

Chemical: Not reported
Quantity: Not reported
Location Type: COMMERCIAL
Location Type: INDUSTRIAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Location Type: PRIVPROP
Source: WWTP, CONT
Source: DRUMS
Source: CONTAINERS
Source: AST

Actions:

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/10/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/11/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/16/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/2/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/3/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/4/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/7/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/9/2019
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Release or TOR Less than Reporting Requirement
Action Date: 10/24/2018
Response Action Outcome: PN

Action Type: Compliance and Enforcement Action
Action Status: NORA
Action Date: 10/24/2018
Response Action Outcome: PN

Action Type: RLFA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Action Status:	FOLOFF
Action Date:	10/24/2018
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/24/2018
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/25/2018
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	10/25/2018
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/25/2018
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	11/19/2018
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	11/28/2018
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	11/29/2018
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	3/12/2019
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	3/20/2019
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	3/5/2019
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	4/25/2019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Response Action Outcome: PN

Action Type: RAO - DEP Lead
Action Status: PSNRCD
Action Date: 5/28/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRUN
Action Date: 9/25/2018
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 9/26/2017
Response Action Outcome: PN

Release:
Name: SOUTHWORTH CO. TURNERS FALLS PAPER MILL
Address: 36 CANAL ROAD
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0020371 / PSNC
Primary ID: Not reported
Official City: MONTAGUE
Notification: 10/24/2018
Category: TWO HR
Status Date: 05/28/2019
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/10/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/11/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/16/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 1/2/2019
Response Action Outcome: PN

Action Type: RLFA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Action Status:	FLDDO
Action Date:	1/3/2019
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	1/4/2019
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	1/7/2019
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	1/9/2019
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Release or TOR Less than Reporting Requirement
Action Date:	10/24/2018
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	10/24/2018
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/24/2018
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/24/2018
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/25/2018
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	10/25/2018
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/25/2018
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	11/19/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 11/28/2018
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 11/29/2018
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 3/12/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 3/20/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 3/5/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDDO
Action Date: 4/25/2019
Response Action Outcome: PN

Action Type: RAO - DEP Lead
Action Status: PSNRCD
Action Date: 5/28/2019
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRUN
Action Date: 9/25/2018
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 9/26/2017
Response Action Outcome: PN

Chemicals:
Chemical: Not reported
Quantity: Not reported
Location Type: COMMERCIAL
Location Type: INDUSTRIAL
Location Type: PRIVPROP
Source: WWTP, CONT
Source: DRUMS
Source: CONTAINERS
Source: AST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

AIRS:

AQID: 0420100
Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Address: 36 CANAL RD
Address 2: Not reported
City,State,Zip: TURNERS FALLS, MA 01376
Branch: Not reported
Facility Status: Not reported
Permit Code: Not reported
Permit Name: Not reported
Owner Name: SOUTHWORTH CO.
Region: Not reported
Application Tracking Number: Not reported
Facility Account: Not reported
Date Closed: Not reported
Applicant Name: Not reported
Applicant Address: Not reported
Applicant City: Not reported
Applicant State: Not reported
Applicant Zip: Not reported
Applicant Telephone: Not reported
Primary NAICS: Y
NAICS Code: 322121
NAICS Description: Paper (except Newsprint) Mills
Latitude: 42.60737
Longitude: -72.56058

EMI:

AQID: 0420100
Pollutant: AMMONIA
Actual Emission: 0.1445
Emission Year: 2015
DEP Number: Not reported
Facility Contact: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Region Code: Not reported
FMF ID: Not reported
ORIS Code: Not reported
AQ Class: Not reported
NAICS Code: Not reported
NAICS Description: Not reported
DEP Stack Number: Not reported
Stack Height: Not reported
Stack Diameter: Not reported
Stack Liner: Not reported
Stack Max Temp: Not reported
Stack Max Velocity: Not reported
Stack Flow: Not reported
DEP EU Number: Not reported
Segment Number: Not reported
Is Exempt From 702: Not reported
Equipment Type Name: Not reported
Manufacturer: Not reported
Model Number: Not reported
Installed Date: Not reported
EU Decom Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	CARBON MONOXIDE
Actual Emission:	3.7964
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	HALOGENATED ORGANIC COMPOUND
Actual Emission:	0
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	HYDROCARBON
Actual Emission:	0
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Pollutant:	NITROGEN OXIDES (NOx)
Actual Emission:	1.4549
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	PM10, FILTERABLE
Actual Emission:	0.086
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	PM2.5, FILTERABLE
Actual Emission:	0.086
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	SULFUR DIOXIDE
Actual Emission:	0.0272
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	VOLATILE ORGANIC COMPOUNDS (VOC)
Actual Emission:	3.1309
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported
NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported
Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported
NH3 Act Amount:	Not reported
NH3 Act UOM:	Not reported
NH3 POT Amount:	Not reported
NH3 POT UOM:	Not reported
NH3 Per Amount:	Not reported
NH3 Per UOM:	Not reported
Object ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NAICS Code Count:	Not reported
Primary NAICS:	Not reported
Release Point:	Not reported
Stack Combined Units:	Not reported
Stack Decom Date:	Not reported
DEP Segment Number:	Not reported
Category Type:	Not reported
Emergency Gen:	Not reported
EU Combined Units:	Not reported
Chemical Name:	Not reported
Max Hourly Fuel Rating:	Not reported
Max UOM:	Not reported
Segment Decom Date:	Not reported
Actual Material Used:	Not reported
Actual Material Used UOM:	Not reported
P10 Annual Emission Restrictions:	Not reported
P25 Annual Emission Restrictions:	Not reported
SO2 Annual Emission Restrictions:	Not reported
NO2 Annual Emission Restrictions:	Not reported
CO Annual Emission Restrictions:	Not reported
PB Annual Emission Restrictions:	Not reported
NH3 Annual Emission Restrictions:	Not reported
VOC Annual Emission Restrictions:	Not reported
AQID:	0420100
Pollutant:	Not reported
Actual Emission:	Not reported
Emission Year:	2015
DEP Number:	Not reported
Facility Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Region Code:	Not reported
FMF ID:	Not reported
ORIS Code:	Not reported
AQ Class:	Not reported
NAICS Code:	Not reported
NAICS Description:	Not reported
DEP Stack Number:	Not reported
Stack Height:	Not reported
Stack Diameter:	Not reported
Stack Liner:	Not reported
Stack Max Temp:	Not reported
Stack Max Velocity:	Not reported
Stack Flow:	Not reported
DEP EU Number:	Not reported
Segment Number:	Not reported
Is Exempt From 702:	Not reported
Equipment Type Name:	Not reported
Manufacturer:	Not reported
Model Number:	Not reported
Installed Date:	Not reported
EU Decom Date:	Not reported
Max Input Rating:	Not reported
Approval Number:	Not reported
Approval Date:	Not reported
Q1 Operation Percent:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Q2 Operation Percent:	Not reported
Q3 Operation Percent:	Not reported
Q4 Operation Percent:	Not reported
Hours Daily:	Not reported
Days Weekly:	Not reported
Weeks Yearly:	Not reported
Type of Material:	Not reported
Case Number:	Not reported
Throughput Data:	Not reported
Sulfur Content Percent:	Not reported
Ash Content Percent:	Not reported
Operating Restrictions:	Not reported
SCC Code:	Not reported
SCC Description:	Not reported
Comments:	Not reported
P10 Act Amount:	Not reported
P10 Act UOM:	Not reported
P10 POT Amount:	Not reported
P10 POT UOM:	Not reported
P10 Per Amount:	Not reported
P10 Per UOM:	Not reported
SO2 Act Amount:	Not reported
SO2 Act UOM:	Not reported
SO2 POT Amount:	Not reported
SO2 POT UOM:	Not reported
SO2 Per Amount:	Not reported
SO2 Per UOM:	Not reported
NO2 Act Amount:	Not reported
NO2 Act UOM:	Not reported
NO2 POT Amount:	Not reported
NO2 POT UOM:	Not reported
NO2 Per Amount:	Not reported
NO2 Per UOM:	Not reported
CO Act Amount:	Not reported
CO Act UOM:	Not reported
CO POT Amount:	Not reported
CO POT UOM:	Not reported
CO Per Amount:	Not reported
CO Per UOM:	Not reported
VOC Act Amount:	Not reported
VOC Act UOM:	Not reported
VOC POT Amount:	Not reported
VOC POT UOM:	Not reported
VOC Per Amount:	Not reported
VOC Per UOM:	Not reported
PB Act Amount:	Not reported
PB Act UOM:	Not reported
PB POT Amount:	Not reported
PB POT UOM:	Not reported
PB Per Amount:	Not reported
PB Per UOM:	Not reported
P25 Act Amount:	Not reported
P25 Act UOM:	Not reported
P25 POT Amount:	Not reported
P25 POT UOM:	Not reported
P25 Per Amount:	Not reported
P25 Per UOM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

NH3 Act Amount: Not reported
NH3 Act UOM: Not reported
NH3 POT Amount: Not reported
NH3 POT UOM: Not reported
NH3 Per Amount: Not reported
NH3 Per UOM: Not reported
Object ID: Not reported
NAICS Code Count: Not reported
Primary NAICS: Not reported
Release Point: Not reported
Stack Combined Units: Not reported
Stack Decom Date: Not reported
DEP Segment Number: Not reported
Category Type: Not reported
Emergency Gen: Not reported
EU Combined Units: Not reported
Chemical Name: Not reported
Max Hourly Fuel Rating: Not reported
Max UOM: Not reported
Segment Decom Date: Not reported
Actual Material Used: Not reported
Actual Material Used UOM: Not reported
P10 Annual Emission Restrictions: Not reported
P25 Annual Emission Restrictions: Not reported
SO2 Annual Emission Restrictions: Not reported
NO2 Annual Emission Restrictions: Not reported
CO Annual Emission Restrictions: Not reported
PB Annual Emission Restrictions: Not reported
NH3 Annual Emission Restrictions: Not reported
VOC Annual Emission Restrictions: Not reported

AQID: Not reported
Name: MILTON HILTON LLC
Address: 36 CANAL RD
Address 2: Not reported
City,State,Zip: TURNERS FALLS, MA 01376
Branch: WE
Facility Status: APPROV
Permit Code: AQ02
Permit Name: Plan Approval Non-Major Comprehensive
Owner Name: Not reported
Region: WE
Application Tracking Number: W021035
Facility Account: 131075
Date Closed: 06/20/2001
Applicant Name: ESLEECK MANUFACTURING CO INC
Applicant Address: PO BOX 717
Applicant City: TURNERS FALLS
Applicant State: MA
Applicant Zip: 01376
Applicant Telephone: 4138634326
Primary NAICS: Not reported
NAICS Code: Not reported
NAICS Description: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

AQID: Not reported
Name: MILTON HILTON LLC
Address: 36 CANAL RD
Address 2: Not reported
City,State,Zip: TURNERS FALLS, MA 01376
Branch: WE
Facility Status: APPROV
Permit Code: AQ02
Permit Name: Plan Approval Non-Major Comprehensive
Owner Name: Not reported
Region: WE
Application Tracking Number: 31003716
Facility Account: 131075
Date Closed: 12/01/2000
Applicant Name: ESLEECK MANUFACTURING CO INC
Applicant Address: PO BOX 717
Applicant City: TURNERS FALLS
Applicant State: MA
Applicant Zip: 01376
Applicant Telephone: 4138634326
Primary NAICS: Not reported
NAICS Code: Not reported
NAICS Description: Not reported
Latitude: Not reported
Longitude: Not reported

ASBESTOS:

Name: SOUTHWORTH SPECIALTY PAPERS
Address: 36 CANAL ROAD
City,State,Zip: TURNERS FALLS, MA 01376
Notification: 100207889R1
DEP Region: WE
Notifiers Name: WESTERN MASS ENVIRONMENTAL LLC
Start Date: 10/07/2014
End Date: 10/10/2014
Date Entered: 03/10/2014
Entry Date: 10/03/2014
Quantity Material Removed SF: 2
Quantity Material Removed LF: 1
Project Description: Spr
AR Tracking ID: Not reported
Super Lic Number: Not reported
Monitor Lic Number: Not reported
Lab Lic Number: Not reported
Year: 2014
Sticker Number: Not reported
Form Type: Not reported
Fee Status: Not reported
Facility Phone: Not reported
Sub Town: Not reported
Worksite: Not reported
Occupied: Not reported
Contractor: Not reported
Contract Type: Not reported
Hours: Not reported
Project Type: Not reported
Abatement Process: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Location: Not reported
Decon Process: Not reported
Disposal Methods: Not reported
Facility Usage: Not reported
Waiver Given: Not reported
DEP Waiver Number: Not reported
DLWD Waiver Number: Not reported
Small Owner Occ: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
On Site Manager Name: Not reported
On Site Manager Phone: Not reported
Ins Comp: Not reported
Policy Number: Not reported
EXP Date: Not reported
Facility Size: Not reported
Transporter Name: Not reported
Transporter Address: Not reported
Transporter City: Not reported
Transporter State: Not reported
Final Site: Not reported
Certified Name: Not reported
Cert Sign Date: Not reported
Certified Company: Not reported
Certified Phone: Not reported
Entered_by: Not reported

HW GEN:

Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Address: 36 CANAL RD
City,State,Zip: TURNERS FALLS, MA 01376
EPA Id: MAD001116532
RCRA Generator Status: VSQG
State Generator Status: SQG-MA

NPDES:

Name: MILTON HILTON LLC
Address: 36 CANAL RD
City,State,Zip: MONTAGUE, MA 013760000
Region: Not reported
Permit #: W065145
Permit Issued: Not reported
Permit Expires: Not reported
Permittee Name: ESLEECK MANUFACTURING CO INC
Permit Contact: Not reported
Permittee Address: Not reported
Permittee City: Not reported
Permittee State: Not reported
Permittee Zip: Not reported
Design Flow: Not reported
edr_flag: Permit
Status: Approved
Permit Type: IW36
Permit Type Description: Renewal/Modification of Permit without Plan Modification

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH SPECIALTY PAPERS (Continued)

S109546320

Program: INDUSTRIAL WASTEWATER
Decision Date: 09/29/2007

Name: MILTON HILTON LLC
Address: 36 CANAL RD
City,State,Zip: MONTAGUE, MA 013760000
Region: Not reported
Permit #: W202815
Permit Issued: Not reported
Permit Expires: Not reported
Permittee Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Permit Contact: Not reported
Permittee Address: Not reported
Permittee City: Not reported
Permittee State: Not reported
Permittee Zip: Not reported
Design Flow: Not reported
edr_flag: Permit
Status: Approved
Permit Type: IW38
Permit Type Description: SEWER CONNECT-EXTEND >50K GPD TO IPP POTW
Program: INDUSTRIAL WASTEWATER
Decision Date: 03/13/2008

Name: MILTON HILTON LLC
Address: 36 CANAL RD
City,State,Zip: MONTAGUE, MA 013760000
Region: Not reported
Permit #: 132673
Permit Issued: Not reported
Permit Expires: Not reported
Permittee Name: ESLEECK MANUFACTURING CO INC
Permit Contact: Not reported
Permittee Address: Not reported
Permittee City: Not reported
Permittee State: Not reported
Permittee Zip: Not reported
Design Flow: Not reported
edr_flag: Permit
Status: Approved
Permit Type: IW36
Permit Type Description: Renewal/Modification of Permit without Plan Modification
Program: INDUSTRIAL WASTEWATER
Decision Date: 12/08/2000

K41
West
1/8-1/4
0.185 mi.
975 ft.

SOUTHWORTH PAPER TURNERS FALLS MILL
36 CANAL RD
MONTAGUE, MA 01376
Site 3 of 4 in cluster K

RCRA-VSQG 1000202055
US AIRS MAD001116532

Relative:
Lower
Actual:
149 ft.

RCRA Listings:
Date Form Received by Agency: 20140530
Handler Name: Southworth Paper Turners Falls Mill
Handler Address: 36 Canal Rd
Handler City,State,Zip: MONTAGUE, MA 01376
EPA ID: MAD001116532
Contact Name: JEFFREY POIRIER

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Contact Address:	36 CANAL ST
Contact City,State,Zip:	TURNERS FALLS, MA 01376-0000
Contact Telephone:	413-863-4326 x204
Contact Fax:	Not reported
Contact Email:	JPOIRIER@SOUTHWORTH.COM
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, State-specific Activities
State District Owner:	Ma
State District:	W
Mailing Address:	36 CANAL ST
Mailing City,State,Zip:	TURNERS FALLS, MA 01376-0000
Owner Name:	Southworth Co
Owner Type:	Private
Operator Name:	Southworth Co
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: F001
Waste Description: The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichloroethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U226
Waste Description: Ethane, 1,1,1-Trichloro- (Or) Methyl Chloroform

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ESLEECK MANUFACTURING CO INC
Legal Status: Private
Date Became Current: 19900301
Date Ended Current: Not reported
Owner/Operator Address: CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ESLEECK MANUFACTURING CO INC
Legal Status: Private
Date Became Current: 19900301
Date Ended Current: Not reported
Owner/Operator Address: CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTHWORTH CO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ESLEECK MANUFACTURING COMPANY INC
Legal Status: Private
Date Became Current: 20041016
Date Ended Current: Not reported
Owner/Operator Address: CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ESLEECK MANUFACTURING CO INC
Legal Status: Private
Date Became Current: 19900301
Date Ended Current: Not reported
Owner/Operator Address: CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Owner/Operator Indicator: Operator
Owner/Operator Name: ESLEECK MANUFACTURING CO INC
Legal Status: Private
Date Became Current: 19900301
Date Ended Current: Not reported
Owner/Operator Address: CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHWORTH CO
Legal Status: Private
Date Became Current: 20060224
Date Ended Current: Not reported
Owner/Operator Address: 36 CANAL ST
Owner/Operator City,State,Zip: TURNERS FALLS, MA 01376-0000
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19800815
Handler Name: ESLEECK MANUFACTURING CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060224
Handler Name: ESLEECK MANUFACTURING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20111005
Handler Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800815
Handler Name: ESLEECK MANUFACTURING CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060803
Handler Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Receive Date: 20131113
Handler Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140530
Handler Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32211
NAICS Description: PULP MILLS

NAICS Code: 32212
NAICS Description: PAPER MILLS

NAICS Code: 322121
NAICS Description: PAPER (EXCEPT NEWSPRINT) MILLS

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20130103
Actual Return to Compliance Date: 20130318
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130304
Enforcement Responsible Agency: State
Enforcement Docket Number: Nonwe139016-2
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20130318
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: JAVMA
Enforcement Responsible Sub-Organization: WE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20130103
Actual Return to Compliance Date: 20130318
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130304
Enforcement Responsible Agency: State
Enforcement Docket Number: Nonwe139016-2
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20130318
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: JAVMA
Enforcement Responsible Sub-Organization: WE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19840628
Actual Return to Compliance Date:	19841115
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19840930
Enforcement Identifier:	001
Date of Enforcement Action:	19840807
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: WE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19840628
Actual Return to Compliance Date: 19841105
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19880915
Actual Return to Compliance Date:	19881013
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20130103
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: JAVMA
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: 20130318
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20130103
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: JAVMA
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: 20130318
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19940927
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: SBIMA
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Former Citation:	Not reported
Evaluation Date:	19840628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	WE
Actual Return to Compliance Date:	19841115
Scheduled Compliance Date:	19840930
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	JAVMA
Evaluation Responsible Sub-Organization:	WE
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840628
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	WE
Actual Return to Compliance Date:	19841105
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140619
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	JAVMA
Evaluation Responsible Sub-Organization:	WE
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960118
Evaluation Responsible Agency:	State
Found Violation:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: SBIMA
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19841115
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880915
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: WE
Actual Return to Compliance Date: 19881013
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

US AIRS (AFS):

Region Code: 01
County Code: MA011
Programmatic ID: AIR MA0000002504200100
Facility Registry ID: 110002464155
D and B Number: Not reported
Facility Site Name: SOUTHWORTH PAPER TURNERS FALLS MILL
Primary SIC Code: 2621
NAICS Code: 322110
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS (AFS):

Region Code: 01
Programmatic ID: AIR MA0000002504200100
Facility Registry ID: 110002464155
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Default Air Classification Code: SMI

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-04-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-04-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-03-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-04-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-01-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Activity Date: 1994-09-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-06-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-05-26 00:00:00
Activity Status Date: 1993-05-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-02-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-04-11 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Activity Status Date: 1989-04-11 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-02-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-02-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-06-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-04-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-06-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-04-10 00:00:00
Activity Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-10-14 00:00:00
Activity Status Date: 1982-10-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-07-27 00:00:00
Activity Status Date: 1981-07-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-07-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHWORTH PAPER TURNERS FALLS MILL (Continued)

1000202055

Activity Type: Inspection/Evaluation
Activity Status: Not reported

K42
West
1/8-1/4
0.185 mi.
975 ft.

SOUTHWORTH COMPANY
36 CANAL RD
TURNERS FALLS, MA 01376

MA AST A100457532
N/A

Site 4 of 4 in cluster K

Relative:
Lower
Actual:
149 ft.

AST 2:

Name: SOUTHWORTH COMPANY
Address: 36 CANAL RD
Address 2: Not reported
Address 3: Not reported
City,State,Zip: TURNERS FALLS, MA 01376
Owner Name: Jeffrey Poirier, Tech. Services Supervisor
License Number: OSFM-00672
Expiration Date: 12/09/2021
License Type: AST Use Permit
Tank Status: Inactive
Last Inspection Date: 06/10/2024
Capacity: 15,000
Unit: GALLONS

Name: SOUTHWORTH COMPANY
Address: 36 CANAL RD
Address 2: Not reported
Address 3: Not reported
City,State,Zip: TURNERS FALLS, MA 01376
Owner Name: Jeffrey Poirier, Tech. Services Supervisor
License Number: OSFM-00671
Expiration Date: 12/09/2021
License Type: AST Use Permit
Tank Status: Inactive
Last Inspection Date: 06/10/2024
Capacity: 15,000
Unit: GALLONS

L43
SE
1/8-1/4
0.198 mi.
1047 ft.

WILLIAM'S GARAGE
147 SECOND ST
MONTAGUE, MA 01376

MA UST U004247787
N/A

Site 1 of 2 in cluster L

Relative:
Lower
Actual:
183 ft.

UST:

Facility ID: 6182
Name: WILLIAM'S GARAGE
Address: 147 SECOND ST
Address 2: Not reported
City,State,Zip: MONTAGUE, MA 01376
Owner ID: 2986
Owner: HARRY W WILLIAMS
Owner Address: 47 MONTAGUE ST
Owner Address 2: Not reported
Owner City,State,Zip: ERVING, MA 01376

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM'S GARAGE (Continued)

U004247787

Telephone: Not reported
Description: Retail Motor Vehicle Fuel Dispensing
Contact Name: Not reported
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,State,Zip: Not reported
Contact Email: Not reported
Update: 1997-04-05 00:00:00
Update By: Not reported
Facility Status: CLOSED
Longitude: -72.55348
Latitude: 42.60739
URL: <https://ma-ust.windsorcloud.com/ust/facility/6182>

UST:

Facility ID: 6182
Tank ID: 4
Capacity: 2000.00000
Substance: Gasoline
Tank Construct: Single-walled metal tank (cathodic protection required)
Tank Usage: Motor Vehicle
Pipe Construct: Single-walled metal (Corrosion protection required)
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 01/01/1965
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 11/01/1982
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6182
Tank ID: 3
Capacity: 6000.00000
Substance: Gasoline
Tank Construct: Single-walled metal tank (cathodic protection required)
Tank Usage: Motor Vehicle
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 11/01/1982

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM'S GARAGE (Continued)

U004247787

Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 08/28/1996
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported

Facility ID: 6182
Tank ID: 5
Capacity: 3000.00000
Substance: Gasoline
Tank Construct: Single-walled metal tank (cathodic protection required)
Tank Usage: Motor Vehicle
Pipe Construct: Single-walled metal (Corrosion protection required)
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 01/01/1965
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 11/01/1982
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported

Facility ID: 6182
Tank ID: 1
Capacity: 6280.00000
Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM'S GARAGE (Continued)

U004247787

Tank Construct: Single-walled metal tank (cathodic protection required)
Tank Usage: Motor Vehicle
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 11/01/1982
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 08/28/1996
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported

Facility ID: 6182
Tank ID: 2
Capacity: 5000.00000
Substance: Gasoline
Tank Construct: Single-walled metal tank (cathodic protection required)
Tank Usage: Motor Vehicle
Pipe Construct: Not reported
Pipe Type: Not reported
Latitude: Not reported
Longitude: Not reported
Date Installed: 11/01/1982
Number of Compartment: Not reported
Pipe Install Date: Not reported
Pipe Leak Install Date: Not reported
Submersible Sump: N
Submersible Sump Install Date: Not reported
Turbine Sump: N
Turbine Sump Sensor: N
Intermediate Sump: N
Intermediate Sump Sensor: N
Spill Bucket Installed Date: Not reported
Spill Bucket Sensor: N
Tank Status: Tank Removed
Status Date: 08/28/1996
Overfill Protect Install: Not reported
Overfill Protect Type: Not reported
Automatic Line Leak Detect: Not reported
Tank Corrosion Type: Not reported
Leak Corrosion Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAM'S GARAGE (Continued)

U004247787

Tank Leak Detection:	Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection:	Not reported
Facility ID:	6182
Tank ID:	6
Capacity:	6000.00000
Substance:	Gasoline
Tank Construct:	Single-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Single-walled metal (Corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	01/01/1965
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	11/01/1982
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported

L44
SE
1/8-1/4
0.198 mi.
1047 ft.

WILLIAMS GARAGE
147 SECOND ST
MONTAGUE, MA 01376

RCRA NonGen / NLR 1000283822
MAD019668722

Site 2 of 2 in cluster L

Relative:
Lower
Actual:
183 ft.

RCRA Listings:	
Date Form Received by Agency:	19871009
Handler Name:	Williams Garage
Handler Address:	147 Second St
Handler City,State,Zip:	MONTAGUE, MA 01376
EPA ID:	MAD019668722
Contact Name:	HARRY-W WILLIAMS
Contact Address:	147 SECOND ST
Contact City,State,Zip:	MONTAGUE, MA 01376
Contact Telephone:	413-863-9733
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAMS GARAGE (Continued)

1000283822

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ma
State District:	W
Mailing Address:	147 SECOND ST
Mailing City,State,Zip:	MONTAGUE, MA 01376
Owner Name:	Harry W Williams
Owner Type:	Private
Operator Name:	Williams Garage
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: HARRY W WILLIAMS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS GARAGE (Continued)

1000283822

Legal Status: Private
Date Became Current: 20041016
Date Ended Current: Not reported
Owner/Operator Address: 147 SECOND ST
Owner/Operator City,State,Zip: MONTAGUE, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WILLIAMS GARAGE
Legal Status: Private
Date Became Current: 19900301
Date Ended Current: 19910603
Owner/Operator Address: 147 SECOND ST
Owner/Operator City,State,Zip: MONTAGUE, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19871009
Handler Name: WILLIAMS GARAGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J45
West
1/8-1/4
0.204 mi.
1079 ft.

SOUTHWORTH CO. TFM
TURNERS FALLS, MA
Site 2 of 2 in cluster J

PFAS ECHO 1027421635
N/A

Relative:
Lower
Actual:
162 ft.

PFAS ECHO:
 Name: Southworth Co. Tfm
 Address: Not reported
 City,State,Zip: TURNERS FALLS, MA
 Latitude: 42.60867
 Longitude: -72.56059
 Count: 1
 County: FRANKLIN
 Status: Inactive
 Region: 01
 Industry: Paper Mills and Products
 ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110064872375>
 Facility Percent Minority: 10.584
 Facility Derived Tribes: -
 Facility Population: 789.22
 EPA Programs: CWA
 Federal Facility: No
 Federal Agency: -
 Facility FIPS Code: 25011
 Facility Indian Country Flag: N
 Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
 Facility Derived HUC: 01080201
 Facility Derived WBD: 010802010503
 Facility Derived CD113: 02
 Facility Derived CB2010: 250110407012003
 Facility Major Flag: -
 Facility Active Flag: -
 Facility Inspection Count: 0
 Facility Date Last Inspection: 8/16/2017
 Facility Days Last Inspection: 2,509
 Facility Informal Count: 0
 Facility Date Last Informal Action: -
 Facility Formal Action Count: 0
 Facility Date Last Formal Action: -
 Facility Total Penalties: 0
 Facility Penalty Count: -
 Facility Date Last Penalty: -
 Facility Last Penalty AMT: -
 Facility QTRS With NC: 2
 Facility Programs With SNC: 0
 Facility Compliance Status: -
 Facility SNC Flag: N
 AIR Flag: N
 NPDES Flag: Y
 SDWIS Flag: N
 RCRA Flag: N
 TRI Flag: N
 GHG Flag: N
 AIR IDS: -
 CAA Permit Types: -
 CAA NAICS: -
 CAA SICs: -
 NPDES IDS: MAR053085

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHWORTH CO. TFM (Continued)

1027421635

CWA Permit Types:	Non-M
CWA NAICS:	-
CWA SICS:	2621
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	Y
EJSCREEN Flag US:	Y

EJSCREEN Report:

M46
SE
1/8-1/4
0.213 mi.
1122 ft.

151 THIRD STREET
151 THIRD STREET
MONTAGUE, MA 01376

US BROWNFIELDS **1016354324**
FINDS **N/A**

Site 1 of 2 in cluster M

Relative:
Lower
Actual:
192 ft.

US BROWNFIELDS:	
Name:	151 THIRD STREET
Address:	151 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	108343
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Petroleum
Property Number:	Map 4, Lot 101
Parcel Size:	0.36
Latitude:	42.6065
Longitude:	-72.5534
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Lead PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

151 THIRD STREET (Continued)

1016354324

Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97184801
Start Date:	Not reported
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

151 THIRD STREET (Continued)

1016354324

RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 0.36
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 665
Below Poverty Percent: 30.42
Meidan Income: 2810
Meidan Income Number: 1199
Meidan Income Percent: 54.85
Vacant Housing Number: 52
Vacant Housing Percent: 5.05
Unemployed Number: 152
Unemployed Percent: 6.95

Name: 151 THIRD STREET
Address: 151 THIRD STREET
City,State,Zip: MONTAGUE, MA 1376
Property ID: 108343
Property Alias: Not reported
Recipient Name: Franklin Regional Council of Governments
Grant Type: Petroleum
Property Number: Map 4, Lot 101
Parcel Size: 0.36
Latitude: 42.6065
Longitude: -72.5534
Census Tract: 25011040701
State or Tribal Voluntary Response Program: Y
Program Name: BF
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

151 THIRD STREET (Continued)

1016354324

Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Lead PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	FRCOG
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97184801
Start Date:	2010-02-10 00:00:00
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	2010-05-27 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

151 THIRD STREET (Continued)

1016354324

RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	0.36
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	665
Below Poverty Percent:	30.42
Meidan Income:	2810
Meidan Income Number:	1199
Meidan Income Percent:	54.85
Vacant Housing Number:	52
Vacant Housing Percent:	5.05
Unemployed Number:	152
Unemployed Percent:	6.95

Name:	151 THIRD STREET
Address:	151 THIRD STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	108343
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Petroleum
Property Number:	Map 4, Lot 101
Parcel Size:	0.36
Latitude:	42.6065
Longitude:	-72.5534
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

151 THIRD STREET (Continued)

1016354324

Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Lead PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	FRCOG
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97184801
Start Date:	2009-08-12 00:00:00
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	2009-11-06 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

151 THIRD STREET (Continued)

1016354324

RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	0.36
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	665
Below Poverty Percent:	30.42
Meidan Income:	2810
Meidan Income Number:	1199
Meidan Income Percent:	54.85
Vacant Housing Number:	52
Vacant Housing Percent:	5.05
Unemployed Number:	152
Unemployed Percent:	6.95

FINDS:

Registry ID: 110040722803

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

151 THIRD STREET (Continued)

1016354324

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The 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 (TBA) performed by EPA Regions.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

M47
SE
1/8-1/4
0.213 mi.
1122 ft.

CHICKS AUTOMOTIVE
151 THIRD ST
MONTAGUE, MA 01376
Site 2 of 2 in cluster M

RCRA NonGen / NLR

1000173423
MAD981206436

Relative:
Lower
Actual:
192 ft.

RCRA Listings:	19860528
Date Form Received by Agency:	Chicks Automotive
Handler Name:	151 Third St
Handler Address:	MONTAGUE, MA 01376
Handler City,State,Zip:	MAD981206436
EPA ID:	FRANCIS AHEARN
Contact Name:	151 THIRD ST
Contact Address:	TURNERS FALLS, MA 01376
Contact City,State,Zip:	413-863-2254
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ma
State District:	W
Mailing Address:	151 THIRD ST
Mailing City,State,Zip:	TURNERS FALLS, MA 01376-0000
Owner Name:	Francis Ahearn
Owner Type:	Private
Operator Name:	Chicks Automotive
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHICKS AUTOMOTIVE (Continued)

1000173423

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20171020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANCIS AHEARN
Legal Status:	Private
Date Became Current:	20041016
Date Ended Current:	Not reported
Owner/Operator Address:	151 THIRD ST
Owner/Operator City,State,Zip:	TURNERS FALLS, MA 01376
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHICKS AUTOMOTIVE
Legal Status:	Private
Date Became Current:	19911208
Date Ended Current:	19970205
Owner/Operator Address:	151 THIRD ST
Owner/Operator City,State,Zip:	TURNERS FALLS, MA 01376
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHICKS AUTOMOTIVE (Continued)

1000173423

Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 19860528
 Handler Name: CHICKS AUTOMOTIVE
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Ma
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

N48
SSW
1/8-1/4
0.228 mi.
1204 ft.

COUTURE PROPERTY
187 AVENUE A
MONTAGUE, MA 01351
Site 1 of 2 in cluster N

MA LUST **S100361727**
MA RELEASE **N/A**

Relative:
Lower
Actual:
190 ft.

LUST:
 Facility:
 Name: COUTURE PROPERTY
 Address: 187 AVENUE A
 City,State,Zip: MONTAGUE, MA 01351
Current Status: Response Action Outcome
 Release Tracking Number/Current Status: 1-0000472 / RAO
 Status Date: 08/08/1995
 Source Type: UST
 Release Town: MONTAGUE
 Notification Date: 10/15/1988
 Category: NONE
 Associated ID: Not reported
 Phase: Not reported
 Response Action Outcome: -
 Oil Or Haz Material: Oil

Location Type: COMMERCIAL
 Source: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUTURE PROPERTY (Continued)

S100361727

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

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported

Actions:

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1988
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: RAOEQ
Action Date: 8/8/1995
Response Action Outcome: Not reported

Release:

Name: COUTURE PROPERTY
Address: 187 AVENUE A
City,State,Zip: MONTAGUE, MA 01351
Release Tracking Number/Current Status: 1-0000472 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 10/15/1988
Category: NONE
Status Date: 08/08/1995
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1988
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: RAOEQ
Action Date: 8/8/1995
Response Action Outcome: Not reported

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N49
SSW
1/8-1/4
0.232 mi.
1225 ft.

COUTURE BROS INC
187 AVENUE A
MONTAGUE, MA 01376

Site 2 of 2 in cluster N

RCRA NonGen / NLR
FINDS
ECHO

1000422403
MAD004993507

Relative:
Lower
Actual:
192 ft.

RCRA Listings:	19870511
Date Form Received by Agency:	Couture Bros Inc
Handler Name:	187 Avenue A
Handler Address:	MONTAGUE, MA 01376
Handler City,State,Zip:	MAD004993507
EPA ID:	CHRISTIAN COUTURE
Contact Name:	PO BOX 270
Contact Address:	MONTAGUE, MA 01376
Contact City,State,Zip:	413-863-2537
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	01
EPA Region:	Private
Land Type:	Not a generator, verified
Federal Waste Generator Description:	Not reported
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ma
State District:	W
Mailing Address:	PO BOX 270
Mailing City,State,Zip:	TURNERS FALLS, MA 01376
Owner Name:	Couture Bros Inc
Owner Type:	Private
Operator Name:	Couture Bros Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUTURE BROS INC (Continued)

1000422403

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20171020
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: COUTURE BROS INC
Legal Status: Private
Date Became Current: 20041016
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 270
Owner/Operator City,State,Zip: MONTAGUE, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COUTURE BROS INC
Legal Status: Private
Date Became Current: 19900301
Date Ended Current: 19910603
Owner/Operator Address: PO BOX 270
Owner/Operator City,State,Zip: MONTAGUE, MA 01376
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19870511
Handler Name: COUTURE BROS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ma
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

COUTURE BROS INC (Continued)

1000422403

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
List of NAICS Codes and Descriptions:	
NAICS Codes:	No NAICS Codes Found
Facility Has Received Notices of Violations:	
Violations:	No Violations Found
Evaluation Action Summary:	
Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110003422993

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Massachusetts - Environmental Protection Integrated Computer System (MA-EPICS) is the central repository for all environmental protection data for the State of Massachusetts.
 The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000422403
Registry ID:	110003422993
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003422993
Name:	COUTURE BROS INC
Address:	187 AVENUE A
City,State,Zip:	MONTAGUE, MA 01376

50
ESE
1/4-1/2
0.269 mi.
1418 ft.

FIRST STREET PARKING LOT, TURNERS FALLS
FIRST STREET PARKING LOT, TURNERS FALLS, MONTAGUE
TURNERS FALLS, MA 01376

US BROWNFIELDS **1028050199**
FINDS **N/A**

Relative:
Lower
Actual:
187 ft.

US BROWNFIELDS:

Name:	FIRST STREET PARKING LOT, TURNERS FALLS
Address:	FIRST STREET PARKING LOT, TURNERS FALLS, MONTAGUE
City,State,Zip:	TURNERS FALLS, MA 1376
Property ID:	255555
Property Alias:	Not reported
Recipient Name:	R1 TBA - Massachusetts (BIL)
Grant Type:	Not reported
Property Number:	ID 04-0-0031
Parcel Size:	0.65

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

Latitude:	42.607170398
Longitude:	-72.551485144
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	4B
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials Ground Water Sediments Soil Surface Water
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	649
Below Poverty Percent:	31.35
Meidan Income:	2237
Meidan Income Number:	1157
Meidan Income Percent:	55.89
Vacant Housing Number:	44
Vacant Housing Percent:	4.52
Unemployed Number:	145
Unemployed Percent:	7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

Name:	FIRST STREET PARKING LOT, TURNERS FALLS
Address:	FIRST STREET PARKING LOT, TURNERS FALLS, MONTAGUE
City,State,Zip:	TURNERS FALLS, MA 1376
Property ID:	255555
Property Alias:	Not reported
Recipient Name:	R1 TBA - Massachusetts (BIL)
Grant Type:	Not reported
Property Number:	ID 04-0-0031
Parcel Size:	0.65
Latitude:	42.607170398
Longitude:	-72.551485144
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	4B
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	2022-12-22 00:00:00
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	2023-01-19 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	Not reported
State/tribal program ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Building Materials Ground Water Sediments Soil Surface Water
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	649

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

Below Poverty Percent:	31.35
Meidan Income:	2237
Meidan Income Number:	1157
Meidan Income Percent:	55.89
Vacant Housing Number:	44
Vacant Housing Percent:	4.52
Unemployed Number:	145
Unemployed Percent:	7
Name:	FIRST STREET PARKING LOT, TURNERS FALLS
Address:	FIRST STREET PARKING LOT, TURNERS FALLS, MONTAGUE
City,State,Zip:	TURNERS FALLS, MA 1376
Property ID:	255555
Property Alias:	Not reported
Recipient Name:	R1 TBA - Massachusetts (BIL)
Grant Type:	Not reported
Property Number:	ID 04-0-0031
Parcel Size:	0.65
Latitude:	42.607170398
Longitude:	-72.551485144
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Not reported
Program Name:	4B
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Not reported
Contaminants Found at Actionable Level:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Not reported
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	Y
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported
IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: Not reported
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: Not reported
State/tribal program ID: Not reported
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported
Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported
Section 128(a) State/Tribal: Not reported
Multipurpose - Cost Share Amount: Not reported
Cleanup - Cost Share Amount: Not reported
RLF Loan - Total Loan Amount: Not reported
RLF - Loan Signed Date: Not reported
RLF Loan - Anticipated Repayment Start Date: Not reported
RLF Loan - Anticipated Repayment End Date: Not reported
RLF Loan - Interest Rate: Not reported
RLF Loan - EPA Funds Used: Not reported
Contaminant Cleanup: Not reported
RLF Loan - Cost Share Used: Not reported
Media Affected: Building Materials Ground Water Sediments Soil Surface Water
RLF Loan - Program Income Used: Not reported
Media Cleanup: Not reported
RLF Loan - Discounted: Not reported
RLF Loan - Discount Percentage: Not reported
RLF Subgrant - Total Subgrant Amount: Not reported
RLF Subgrant - Signed Date: Not reported
RLF Subgrant - EPA Funds Used: Not reported
RLF Subgrant - Cost Share Used: Not reported
RLF Subgrant - Program Income Used: Not reported
RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: Not reported
Past use commercial acreage: Not reported
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: Not reported
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FIRST STREET PARKING LOT, TURNERS FALLS (Continued)

1028050199

Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	649
Below Poverty Percent:	31.35
Meidan Income:	2237
Meidan Income Number:	1157
Meidan Income Percent:	55.89
Vacant Housing Number:	44
Vacant Housing Percent:	4.52
Unemployed Number:	145
Unemployed Percent:	7

FINDS:

Registry ID: 110071407379

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The 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 (TBA) performed by EPA Regions.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

O51
WSW
1/4-1/2
0.298 mi.
1575 ft.

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
11-15 POWER STREET
MONTAGUE, MA 01376

US BROWNFIELDS **1016352280**
FINDS **N/A**
ECHO

Site 1 of 2 in cluster O

Relative:
Lower
Actual:
162 ft.

US BROWNFIELDS:	
Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Cleanup Funding Source:	Not reported
Activity Funded:	Structural Engineering Report
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43

Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Longitude: -72.563056
Census Tract: 25011040701
State or Tribal Voluntary Response Program: Y
Program Name: BF
AA Activity Funded: Structural Engineering Report
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Structural Engineering Report
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Other Metals PAHs
Contaminants Found at Actionable Level: Other Metals PAHs
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 97116701
Start Date: 2007-11-22 00:00:00
Ownership Entity: Private
Additional Institutional Controls Information: Not reported
Completion Date: 2008-03-25 00:00:00
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: U
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: U
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported
IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: Not reported
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: U
State/tribal program ID: Not reported
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported
Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43

Name:

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Structural Engineering Report
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II Environmental Assessment
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	2007-11-22 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2008-03-25 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43
Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BP
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	98137401
Start Date:	2004-03-31 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2004-03-31 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43
Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Phase II Environmental Assessment
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II Environmental Assessment
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	2007-01-31 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2007-11-21 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43

Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Structural Engineering Report
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: Not reported
Past use commercial acreage: Not reported
NFA Letter Date Received: Not reported
Past use industrial acreage: 2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: Not reported
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 575
Below Poverty Percent: 30.75
Meidan Income: 1570
Meidan Income Number: 994
Meidan Income Percent: 53.16
Vacant Housing Number: 25
Vacant Housing Percent: 3.01
Unemployed Number: 139
Unemployed Percent: 7.43

Name: GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address: 11-15 POWER STREET
City,State,Zip: MONTAGUE, MA 1376
Property ID: 12327
Property Alias: Not reported
Recipient Name: Franklin Regional Council of Governments
Grant Type: Hazardous
Property Number: Map 3, Black 0, Lot 27
Parcel Size: 2.91
Latitude: 42.608056
Longitude: -72.563056
Census Tract: 25011040701
State or Tribal Voluntary Response Program: Y
Program Name: BF
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Phase II Environmental Assessment
Assessment Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43

Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327
Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Program Name:	BF
AA Activity Funded:	Phase II Environmental Assessment
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Structural Engineering Report
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	2007-01-31 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2007-11-21 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16
Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43

Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 1376
Property ID:	12327

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Property Alias:	Not reported
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Hazardous
Property Number:	Map 3, Black 0, Lot 27
Parcel Size:	2.91
Latitude:	42.608056
Longitude:	-72.563056
Census Tract:	25011040701
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II Environmental Assessment
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Other Metals PAHs
Contaminants Found at Actionable Level:	Other Metals PAHs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	97116701
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	U
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Not reported
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Ground Water Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Not reported
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	2.91
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	575
Below Poverty Percent:	30.75
Meidan Income:	1570
Meidan Income Number:	994
Meidan Income Percent:	53.16

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING (Continued)

1016352280

Vacant Housing Number:	25
Vacant Housing Percent:	3.01
Unemployed Number:	139
Unemployed Percent:	7.43

FINDS:

Registry ID: 110039547960

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The 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 (TBA) performed by EPA Regions.

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016352280
Registry ID:	110039547960
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110039547960
Name:	GRISWOLD COTTON MILL/ RAILROAD SALVAGE BUILDING
Address:	11-15 POWER STREET
City,State,Zip:	MONTAGUE, MA 01376

O52
WSW
 1/4-1/2
 0.298 mi.
 1575 ft.

RAILROAD SALVAGE/GRISWOLD COTTON MILL
11 POWER ROAD
TURNER FALLS, MA 01376
Site 2 of 2 in cluster O

SEMS 1026109618
PRP MAN000103200

Relative:
Lower
Actual:
162 ft.

SEMS:	
Site ID:	0103200
EPA ID:	MAN000103200
Name:	RAILROAD SALVAGE/GRISWOLD COTTON MILL
Address:	11 POWER ROAD
Address 2:	Not reported
City,State,Zip:	TURNER FALLS, MA 01376
Cong District:	02
FIPS Code:	25011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAILROAD SALVAGE/GRISWOLD COTTON MILL (Continued)

1026109618

Latitude: +41.606990
Longitude: -72.562610
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region: 01
Site ID: 0103200
EPA ID: MAN000103200
Site Name: RAILROAD SALVAGE/GRISWOLD COTTON MILL
NPL: N
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2021-03-30 05:00:00
Finish Date: 2021-03-30 05:00:00
Qual: V
Current Action Lead: EPA Perf

Region: 01
Site ID: 0103200
EPA ID: MAN000103200
Site Name: RAILROAD SALVAGE/GRISWOLD COTTON MILL
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2021-03-08 06:00:00
Finish Date: 2021-08-11 05:00:00
Qual: C
Current Action Lead: EPA Perf

Region: 01
Site ID: 0103200
EPA ID: MAN000103200
Site Name: RAILROAD SALVAGE/GRISWOLD COTTON MILL
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2020-07-15 05:00:00
Finish Date: 2020-09-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

PRP:

PRP Name: SOULTIONS CONSULTING GROUP LLC
SOULTIONS CONSULTING GROUP LLC
SOULTIONS CONSULTING GROUP LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAILROAD SALVAGE/GRISWOLD COTTON MILL (Continued)

1026109618

SOLUTIONS CONSULTING GROUP LLC
SOLUTIONS CONSULTING GROUP LLC

53
SW
1/4-1/2
0.316 mi.
1667 ft.

AUBUCHON HARDWARE, TURNERS FALLS
200 AVENUE A
TURNERS FALLS, MA

MA MERCURY S113669884
N/A

Relative:
Lower
Actual:
185 ft.

MERCURY:
Name: AUBUCHON HARDWARE, TURNERS FALLS
Address: 200 AVENUE A
City,State,Zip: TURNERS FALLS, MA
Hours1: Sat 7:30am - 6pm, Sun 8am - 5pm
Hours2: Mon - Fri 7:30am - 7pm
Work Phone: (413) 863-2100
Button Batteries B: Not reported
Button Batteries R: Not reported
Fluorescent Lamps (Incl# Cfls) B: Not reported
Fluorescent Lamps (Incl# Cfls) R: Yes
Thermostats B: Not reported
Thermostats R: Not reported
Electronics-Inc Flat Panel TV,Laptops B: Not reported
Electronics-Inc Flat Panel TV,Laptops R: Not reported
Other Hg Products-Thermometers Blood Press Cuffs B: Not reported
Other Hg Products-Thermometers Blood Press Cuffs R: Not reported
Comments: Not reported
Municipality: TURNERS FALLS
Site Status: Not reported
End Date: Not reported
Add Date: Not reported
Display On Map: YES
Accepts Small Business: Not reported
Small Business Comments: Not reported

54
WSW
1/4-1/2
0.347 mi.
1830 ft.

TURNERS FALLS STATION
26 POWER ST
MONTAGUE, MA 01351

MA SHWS S104000275
MA RELEASE N/A

Relative:
Lower
Actual:
151 ft.

SHWS:
Name: TURNERS FALLS STATION
Address: 26 POWER ST
City,State,Zip: MONTAGUE, MA 013510000
Facility ID: 1-0013059
Source Type: Not reported
Release Town: MONTAGUE
Notification Date: 08/09/1999
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 08/07/2000
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TURNERS FALLS STATION (Continued)

S104000275

Release:

Name: TURNERS FALLS STATION
Address: 26 POWER ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0013059 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 08/09/1999
Category: 120 DY
Status Date: 08/07/2000
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

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

Actions:

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/14/2000
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 8/30/1999
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/7/2000
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/9/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/9/1999
Response Action Outcome: Not reported

Chemicals:

Chemical: BENZO (B) FLOURANTHENE
Quantity: 2.9 milligrams per kilogram
Chemical: BENZO (A) PYRENE
Quantity: 2.1 milligrams per kilogram
Chemical: BENZO (A) ANTHRACENE
Quantity: 1.9 milligrams per kilogram

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

55
SW
1/4-1/2
0.386 mi.
2039 ft.

ROADWAY IN VICINITY OF
250 AVENUE A
TURNERS FALLS, MA 01376

MA SHWS S118643291
MA RELEASE N/A

Relative:
Lower
Actual:
184 ft.

SHWS:
Name: ROADWAY IN VICINITY OF
Address: 250 AVENUE A
City,State,Zip: TURNERS FALLS, MA 013760000
Facility ID: 1-0019988
Source Type: HOSE
Release Town: MONTAGUE
Notification Date: 05/20/2016
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 07/19/2016
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

Release:
Name: ROADWAY IN VICINITY OF
Address: 250 AVENUE A
City,State,Zip: TURNERS FALLS, MA 013760000
Release Tracking Number/Current Status: 1-0019988 / PSNC
Primary ID: Not reported
Official City: MONTAGUE
Notification: 05/20/2016
Category: TWO HR
Status Date: 07/19/2016
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/24/2017
Response Action Outcome: PN

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 10/11/2016
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 5/20/2016
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/20/2016
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROADWAY IN VICINITY OF (Continued)

S118643291

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/20/2016
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 7/19/2016
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/21/2016
Response Action Outcome: PN

Chemicals:
Chemical: Not reported
Quantity: Not reported
Location Type: ROADWAY
Source: HOSE

56
SSE
1/4-1/2
0.395 mi.
2085 ft.

RESIDENCE
28 PARK ST
MONTAGUE, MA 01351

MA LAST S106132190
MA RELEASE N/A

Relative:
Higher
Actual:
252 ft.

LAST:
Name: RESIDENCE
Address: 28 PARK ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0015169 / RAO
Source Type: AST
Release Town: MONTAGUE
Notification Date: 01/15/2004
Category: TWO HR
Associated ID: Not reported
Status Date: 01/14/2005
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 100 gallons
Location Type: RESIDENTIAL
Source: AST

Actions:
Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 1/14/2005
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S106132190

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/14/2005
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	1/15/2004
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/15/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/16/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	1/22/2004
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/23/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	10/6/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/6/2004
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	12/22/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/7/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/10/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S106132190

Action Date: 2/10/2004
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 2/17/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 3/18/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 3/19/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 3/19/2004
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/19/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/7/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/18/2004
Response Action Outcome: Not reported

Release:
Name: RESIDENCE
Address: 28 PARK ST
City,State,Zip: MONTAGUE, MA 013510000
Release Tracking Number/Current Status: 1-0015169 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 01/15/2004
Category: TWO HR
Status Date: 01/14/2005
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S106132190

Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	1/14/2005
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	1/14/2005
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/14/2005
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	1/15/2004
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/15/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/16/2004
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	1/22/2004
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	1/23/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	10/6/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/6/2004
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	12/22/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S106132190

Action Date: 12/7/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/10/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 2/10/2004
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 2/17/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 3/18/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 3/19/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 3/19/2004
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/19/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/7/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/18/2004
Response Action Outcome: Not reported

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 100 gallons
Location Type: RESIDENTIAL
Source: AST

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

P57
NNW
1/4-1/2
0.453 mi.
2392 ft.

**FRIENDS OF THE WISSATINNEWAG, INC. SITE
ROUTE 2 AND FRENCH KING HIGHWAY
GREENFIELD, MA 01301**

US BROWNFIELDS

**1018149745
N/A**

Site 1 of 2 in cluster P

**Relative:
Higher**

US BROWNFIELDS:

**Actual:
269 ft.**

Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	96148501
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Amount of Funding Expended on this Activity 2: Not reported
 Number of Redevelopment Jobs Leveraged: Not reported
 Climate Adaptation and Mitigation Redevelopment: Not reported
 Radius: 0.5
 Below Poverty Number: 132
 Below Poverty Percent: 28.88
 Meidan Income: 1780
 Meidan Income Number: 215
 Meidan Income Percent: 47.05
 Vacant Housing Number: 5
 Vacant Housing Percent: 2.5
 Unemployed Number: 28
 Unemployed Percent: 6.13

Name: FRIENDS OF THE WISSATINNEWAG, INC. SITE
 Address: ROUTE 2 AND FRENCH KING HIGHWAY
 City,State,Zip: GREENFIELD, MA 1301
 Property ID: 177262
 Property Alias: Nolumbeka Project, Inc.
 Recipient Name: Franklin Regional Council of Governments
 Grant Type: Not reported
 Property Number: R05-6
 Parcel Size: 40.7
 Latitude: 42.6152337
 Longitude: -72.5605832
 Census Tract: 25011041100
 State or Tribal Voluntary Response Program: Y
 Program Name: BF
 AA Activity Funded: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Activity Funded: Not reported
 Assessment Funding: Not reported
 Assessment Funding Source: Not reported
 Redevelopment Funding: Not reported
 Contaminants REC: Asbestos Lead PCBs
 Contaminants Found at Actionable Level: Asbestos Lead PCBs
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Contaminants Found Below Actionable Level: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: EPA
 Cleanup Funding Entity: Not reported
 Climate Adapt Mitig - Planning or Assessment: Not reported
 Cooperative Agreement Number: 96191001
 Start Date: 2015-02-26 00:00:00
 Ownership Entity: Private
 Additional Institutional Controls Information: Not reported
 Completion Date: 2015-06-23 00:00:00
 Address of Data Sources (URL if available) 1: Not reported
 Cleanup Required: N
 Indicates Cleanup/Treatment Tech Implemented: Not reported
 Institutional Controls Required: N
 IC Category Proprietary Controls: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 132
Below Poverty Percent: 28.88
Meidan Income: 1780
Meidan Income Number: 215
Meidan Income Percent: 47.05
Vacant Housing Number: 5
Vacant Housing Percent: 2.5
Unemployed Number: 28
Unemployed Percent: 6.13

Name: FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address: ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip: GREENFIELD, MA 1301
Property ID: 177262
Property Alias: Nolumbeka Project, Inc.
Recipient Name: R1 TBA - Massachusetts (BIL)
Grant Type: Not reported
Property Number: R05-6
Parcel Size: 40.7
Latitude: 42.6152337
Longitude: -72.5605832
Census Tract: 25011041100
State or Tribal Voluntary Response Program: Y
Program Name: 4B
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Asbestos Lead PCBs
Contaminants Found at Actionable Level: Asbestos Lead PCBs
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: n/a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Start Date:	2022-11-15 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2023-10-26 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: Not reported
Past use commercial acreage: Not reported
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: Not reported
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 132
Below Poverty Percent: 28.88
Meidan Income: 1780
Meidan Income Number: 215
Meidan Income Percent: 47.05
Vacant Housing Number: 5
Vacant Housing Percent: 2.5
Unemployed Number: 28
Unemployed Percent: 6.13

Name: FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address: ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip: GREENFIELD, MA 1301
Property ID: 177262
Property Alias: Nolumbeka Project, Inc.
Recipient Name: Franklin Regional Council of Governments
Grant Type: Not reported
Property Number: R05-6
Parcel Size: 40.7
Latitude: 42.6152337
Longitude: -72.5605832
Census Tract: 25011041100
State or Tribal Voluntary Response Program: Y
Program Name: BF
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Phase II Environmental Assessment
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Asbestos Lead PCBs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	00A00358
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13

Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	R1 TBA - Massachusetts (STAG Funded)
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	Not reported
AA Activity Funded:	Sampling, SSQAPP
Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Sampling, SSQAPP
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	2021-05-24 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2022-02-23 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13
Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	R1 TBA - Massachusetts (BIL)
Grant Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	4B
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Unemployed Percent:	6.13
Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Phase II Environmental Assessment
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II Environmental Assessment
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	00A00358
Start Date:	2020-02-12 00:00:00
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	2020-10-02 00:00:00
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13
Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Phase II Environmental Assessment
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	00A00358
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13
Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	R1 TBA - Massachusetts (BIL)
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	4B
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	Not reported
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	Not reported
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13

Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	R1 TBA - Massachusetts (STAG Funded)
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	Not reported
AA Activity Funded:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Sampling, SSQAPP
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported
RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13

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

Name:	FRIENDS OF THE WISSATINNEWAG, INC. SITE
Address:	ROUTE 2 AND FRENCH KING HIGHWAY
City,State,Zip:	GREENFIELD, MA 1301
Property ID:	177262
Property Alias:	Nolumbeka Project, Inc.
Recipient Name:	Franklin Regional Council of Governments
Grant Type:	Not reported
Property Number:	R05-6
Parcel Size:	40.7
Latitude:	42.6152337
Longitude:	-72.5605832
Census Tract:	25011041100
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
AA Activity Funded:	Not reported
Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

Redev Completion Date:	Not reported
Completed Date:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Activity Funded:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Contaminants REC:	Asbestos Lead PCBs
Contaminants Found at Actionable Level:	Asbestos Lead PCBs
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Contaminants Found Below Actionable Level:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Climate Adapt Mitig - Planning or Assessment:	Not reported
Cooperative Agreement Number:	96191001
Start Date:	Not reported
Ownership Entity:	Private
Additional Institutional Controls Information:	Not reported
Completion Date:	Not reported
Address of Data Sources (URL if available) 1:	Not reported
Cleanup Required:	N
Indicates Cleanup/Treatment Tech Implemented:	Not reported
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
Excavation and Disposal of Soils:	Not reported
Extraction of contaminants:	Not reported
IC Cat. Info. Devices:	Not reported
Removal of materials (tanks and piping, etc.):	Not reported
IC Cat. Gov. Controls:	Not reported
Reduction of Contam Bioremediation/Phytoremediation:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
Cleanup of structures:	Not reported
IC in place date:	Not reported
Additional Cleanup/Treatment Tech Info:	Not reported
IC in place:	Not reported
Address of Data Source (URL if available) 2:	Not reported
Indicate whether Engineering Controls are required:	N
State/tribal program ID:	Not reported
Cover Technologies (e.g., Capping):	Not reported
Security (e.g., Guard, Fence):	Not reported
Immobilization Process:	Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet):	Not reported
Other:	Not reported
Additional Engineering Controls Information:	Not reported
Address of Data Source (URL if available) 3:	Not reported
Indicate whether Engineering Controls are in place:	Not reported
Date Engineering Controls put into place:	Not reported
ACRES Cleaned Up:	Not reported
Section 128(a) State/Tribal:	Not reported
Multipurpose - Cost Share Amount:	Not reported
Cleanup - Cost Share Amount:	Not reported
RLF Loan - Total Loan Amount:	Not reported
RLF - Loan Signed Date:	Not reported
RLF Loan - Anticipated Repayment Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRIENDS OF THE WISSATINNEWAG, INC. SITE (Continued)

1018149745

RLF Loan - Anticipated Repayment End Date:	Not reported
RLF Loan - Interest Rate:	Not reported
RLF Loan - EPA Funds Used:	Not reported
Contaminant Cleanup:	Asbestos Lead PCBs
RLF Loan - Cost Share Used:	Not reported
Media Affected:	Soil
RLF Loan - Program Income Used:	Not reported
Media Cleanup:	Soil
RLF Loan - Discounted:	Not reported
RLF Loan - Discount Percentage:	Not reported
RLF Subgrant - Total Subgrant Amount:	Not reported
RLF Subgrant - Signed Date:	Not reported
RLF Subgrant - EPA Funds Used:	Not reported
RLF Subgrant - Cost Share Used:	Not reported
RLF Subgrant - Program Income Used:	Not reported
RLF Direct Cleanup - Total Funding Amt:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
RLF Direct Cleanup - Source of Funding:	Not reported
RLF Leveraged - Funding Source Type:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
RLF Leveraged - Entity Providing Funding:	Not reported
RLF Leveraged - Funding Amount:	Not reported
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	Not reported
NFA Letter Date Received:	Not reported
Past use industrial acreage:	Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use greenspace acreage:	Not reported
Letter/Signed Report Date Received:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Cleanup Completion Doc- Other forms of Doc:	Not reported
Future use industrial acreage:	Not reported
Climate Adapt and Mitiga - Demo or Cleanup:	Not reported
ReDev Activity Funded:	Not reported
Amount of Funding Expended on this Activity 2:	Not reported
Number of Redevelopment Jobs Leveraged:	Not reported
Climate Adaptation and Mitigation Redevelopment:	Not reported
Radius:	0.5
Below Poverty Number:	132
Below Poverty Percent:	28.88
Meidan Income:	1780
Meidan Income Number:	215
Meidan Income Percent:	47.05
Vacant Housing Number:	5
Vacant Housing Percent:	2.5
Unemployed Number:	28
Unemployed Percent:	6.13

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P58
NNW
1/4-1/2
0.459 mi.
2426 ft.

CORNER OF RT 2 & E OXBOW
MOHAWK TRL AND ADAMS RD
CHARLEMONT, MA 01339

MA LAST **S103810716**
MA RELEASE **N/A**

Site 2 of 2 in cluster P

Relative:
Higher

LAST:

Actual:
267 ft.

Name: CORNER OF RT 2 & E OXBOW
Address: MOHAWK TRL AND ADAMS RD
City,State,Zip: CHARLEMONT, MA 01339
Release Tracking Number/Current Status: 1-0010204 / RAO
Source Type: AST
Release Town: CHARLEMONT
Notification Date: 02/15/1994
Category: TWO HR
Associated ID: Not reported
Status Date: 01/07/1999
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil and Hazardous Material

Chemicals:

Chemical: KEROSENE
Quantity: 30 gallons
Chemical: #2 FUEL OIL
Quantity: 35 gallons
Chemical: KEROSENE
Quantity: 65 gallons
Location Type: RESIDENTIAL
Source: AST

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 1/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/13/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/15/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORNER OF RT 2 & E OXBOW (Continued)

S103810716

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	2/15/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	2/15/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	2/22/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/31/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/4/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORNER OF RT 2 & E OXBOW (Continued)

S103810716

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 5/5/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 9/4/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: CORNER OF RT 2 & E OXBOW
Address: MOHAWK TRL AND ADAMS RD
City,State,Zip: CHARLEMONT, MA 01339
Release Tracking Number/Current Status: 1-0010204 / RAO
Primary ID: Not reported
Official City: CHARLEMONT
Notification: 02/15/1994
Category: TWO HR
Status Date: 01/07/1999
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 and Hazardous Material

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

Actions:
Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 1/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORNER OF RT 2 & E OXBOW (Continued)

S103810716

Action Status:	Status or Interim Report Received
Action Date:	10/13/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/15/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	2/15/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	2/15/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	2/15/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	2/22/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/31/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORNER OF RT 2 & E OXBOW (Continued)

S103810716

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/4/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 5/5/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 9/4/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: KEROSENE
Quantity: 30 gallons
Chemical: #2 FUEL OIL
Quantity: 35 gallons
Chemical: KEROSENE
Quantity: 65 gallons
Location Type: RESIDENTIAL
Source: AST

Q59
ENE
1/4-1/2
0.480 mi.
2533 ft.

GILL MOBILE
23 FRENCH KING HWY
GILL, MA 01354
Site 1 of 6 in cluster Q

MA SHWS **S103383070**
MA RELEASE **N/A**
MA HW GEN

Relative:
Higher
Actual:
231 ft.

SHWS:
Name: GILL MOBIL
Address: 23 FRENCH KING HIGHWAY
City,State,Zip: GILL, MA
Facility ID: 1-0020385
Source Type: TANKDISP
Release Town: GILL
Notification Date: 10/11/2017
Category: 72 HR
Associated ID: Not reported
Current Status: RAONR
Status Date: 12/12/2017
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Release:

Name: GILL MOBILE
Address: 23 FRENCH KING HWY
City,State,Zip: GILL, MA 013540000
Release Tracking Number/Current Status: 1-0012568 / PSNC
Primary ID: 1-0012568
Official City: GILL
Notification: 09/09/1998
Category: 72 HR
Status Date: 04/23/2018
Phase: PHASE V
Response Action Outcome: PN - PN
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 1/28/2005
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/5/2011
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	1/5/2011
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	1/8/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/19/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/19/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/21/2013
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/23/2017
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/28/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/28/2014
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	11/13/2008
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Date:	11/14/2013
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	11/23/2009
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	11/3/2003
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	11/3/2003
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	11/9/1998
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/12/2017
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	12/12/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/15/2015
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/28/2016
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	12/3/2009
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	12/3/2009
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	ROSTRN
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/30/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/31/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/13/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Date:	2/13/2009
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	2/2/2004
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/22/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/22/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	3/27/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	3/27/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	4/12/2006
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	4/12/2006
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/12/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	4/12/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINI
Action Date:	4/21/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/21/2014
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	4/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/23/2015
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Completion Statement Received
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Action Status or AUL Terminated
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/25/2013
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	5/1/2017
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	5/1/2017
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Date: 5/15/2012
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Level II - Audit Inspection
Action Date: 5/15/2012
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: Audit Follow-up Completion Statement Received
Action Date: 5/5/2006
Response Action Outcome: PN

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 5/9/2000
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 6/12/2017
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 6/20/2013
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 6/20/2013
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINI
Action Date: 6/28/2006
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 6/28/2006
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/28/2006
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 6/28/2017
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 6/29/2012
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/29/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2015
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2016
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	As-Built Construction Report Received
Action Date:	6/30/2004
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	6/30/2004
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/12/2010
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/12/2010
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/14/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/14/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/2/2014
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/28/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Date: 7/28/2009
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 7/5/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 7/5/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 7/5/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 7/8/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 7/8/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 7/8/2008
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/10/2005
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 8/10/2005
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: Audit Follow-up Completion Statement Received
Action Date: 8/13/2012
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2004
Response Action Outcome: PN

Action Type: BOL
Action Status: NOTSHP
Action Date: 9/11/2017
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

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

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 9/14/1998
Response Action Outcome: PN

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 9/16/1999
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/16/1999
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/16/1999
Response Action Outcome: PN

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 9/17/2001
Response Action Outcome: PN

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 9/17/2001
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/2/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRUN
Action Date: 9/21/2017
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 9/22/1998
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/24/1998
Response Action Outcome: PN

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Date: 9/8/2017
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/9/1998
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/9/1998
Response Action Outcome: PN

Chemicals:

Chemical: DIESEL FUEL
Quantity: Not reported
Chemical: GASOLINE
Quantity: -310 parts per million
Location Type: COMMERCIAL
Source: USTOTHER
Source: UST

Name: NO LOCATION AID
Address: 23 FRENCH KING HWY
City,State,Zip: GILL, MA
Release Tracking Number/Current Status: 1-0016716 / RAONR
Primary ID: Not reported
Official City: GILL
Notification: 08/03/2007
Category: 72 HR
Status Date: 11/13/2008
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/10/2007
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/25/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 10/5/2007
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 11/13/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/12/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/4/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	12/4/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	RMRINI
Action Date:	12/4/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	6/3/2008
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	6/9/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/10/2005
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/14/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/17/2004
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/3/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/3/2007
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	8/30/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	9/16/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/16/1999
Response Action Outcome:	Not reported

Chemicals:

Chemical:	GASOLINE
Quantity:	Not reported
Location Type:	COMMERCIAL
Source:	UST

Name:	GILL MOBIL
Address:	23 FRENCH KING HIGHWAY
City,State,Zip:	GILL, MA
Release Tracking Number/Current Status:	1-0020385 / RAONR
Primary ID:	Not reported
Official City:	GILL
Notification:	10/11/2017
Category:	72 HR
Status Date:	12/12/2017
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Not reported

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

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/11/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/11/2017
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	10/13/2017
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/19/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/11/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/12/2017
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/12/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	12/12/2017
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	12/12/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/10/2005
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/17/2004
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/16/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILL MOBILE (Continued)

S103383070

Action Date: 9/16/1999
Response Action Outcome: Not reported

Chemicals:
Chemical: Not reported
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST
Source: TANKDISP

HW GEN:
Name: SUMMIT STORE 4 THE MILL
Address: 23 FRENCH KING HWY
City,State,Zip: GILL, MA 01376
EPA Id: MAR000537506
RCRA Generator Status: SQG
State Generator Status: SQG-MA

Q60
ENE
1/4-1/2
0.480 mi.
2533 ft.

SUMMIT STORE #4
23 FRENCH KING HWY
GILL, MA 01376

MA LUST **U004276523**
MA UST **N/A**
MA Financial Assurance

Site 2 of 6 in cluster Q

Relative:
Higher
Actual:
231 ft.

LUST:
Facility:
Name: NO LOCATION AID
Address: 23 FRENCH KING HWY
City,State,Zip: GILL, MA
Current Status: Response Action Outcome Not Required
Release Tracking Number/Current Status: 1-0016716 / RAONR
Status Date: 11/13/2008
Source Type: UST
Release Town: GILL
Notification Date: 08/03/2007
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

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

Chemicals:
Chemical: GASOLINE
Quantity: Not reported

Actions:
Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/10/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/25/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	10/5/2007
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/12/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/4/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	12/4/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	RMRINI
Action Date:	12/4/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	6/3/2008
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	6/9/2008
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/10/2005
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	8/14/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/17/2004
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/3/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/3/2007
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	8/30/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	9/16/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/16/1999
Response Action Outcome:	Not reported

Facility:

Name:	GILL MOBIL
Address:	23 FRENCH KING HIGHWAY
City,State,Zip:	GILL, MA
Current Status:	Response Action Outcome Not Required
Release Tracking Number/Current Status:	1-0020385 / RAONR
Status Date:	12/12/2017
Source Type:	UST
Release Town:	GILL
Notification Date:	10/11/2017
Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Location Type: COMMERCIAL
Source: UST
Source: TANKDISP

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

Chemicals:

Chemical: Not reported
Quantity: Not reported

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/11/2017
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/11/2017
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 10/13/2017
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/19/2017
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 11/13/2008
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/11/2017
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/12/2017
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 12/12/2017
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/12/2017
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type: BOL
Action Status: SHPFAC
Action Date: 12/12/2017
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/10/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/16/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/16/1999
Response Action Outcome: Not reported

Facility:

Name: GILL MOBILE
Address: 23 FRENCH KING HWY
City,State,Zip: GILL, MA 013540000
Current Status: Permanent Solution with No Conditions
Release Tracking Number/Current Status: 1-0012568 / PSNC
Status Date: 04/23/2018
Source Type: UST
Release Town: GILL
Notification Date: 09/09/1998
Category: 72 HR
Associated ID: 1-0012568
Phase: PHASE V
Response Action Outcome: PN - PN
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: USTOTHER
Source: UST

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

Chemicals:

Chemical: DIESEL FUEL
Quantity: Not reported
Chemical: GASOLINE
Quantity: -310 parts per million

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Actions:

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 1/28/2005
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/5/2011
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/5/2011
Response Action Outcome: PN

Action Type: BOL
Action Status: SHPFAC
Action Date: 1/8/2014
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: RMRINT
Action Date: 10/19/2016
Response Action Outcome: PN

Action Type: Release Abatement Measure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Status:	Status or Interim Report Received
Action Date:	10/19/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/21/2013
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/23/2017
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/28/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/28/2014
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	11/13/2008
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	11/14/2013
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	11/23/2009
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	11/3/2003
Response Action Outcome:	PN
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	11/3/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/9/1998
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/12/2017
Response Action Outcome: PN

Action Type: BOL
Action Status: SHPFAC
Action Date: 12/12/2017
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/15/2015
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/20/2013
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 12/20/2013
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/28/2016
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: Notice of Non-compliance related to an Audit
Action Date: 12/3/2009
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Level II - Audit Inspection
Action Date: 12/3/2009
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: Audit Follow-up Completion Statement Received
Action Date: 12/30/2009
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/30/2009
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Phase 5
Action Status:	ROSTRN
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/30/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/31/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/13/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/13/2009
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	2/2/2004
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/22/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date:	2/22/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	3/27/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	3/27/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	4/12/2006
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	4/12/2006
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/12/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	4/12/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINI
Action Date:	4/21/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/21/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	4/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/23/2015
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	4/23/2018
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Completion Statement Received
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Action Status or AUL Terminated
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/25/2013
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	5/1/2017
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	5/1/2017
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	5/5/2006
Response Action Outcome:	PN
Action Type:	Phase 2
Action Status:	Scope of Work Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date:	5/9/2000
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Modified Revised or Updated Plan Received
Action Date:	6/12/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	6/28/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/28/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	6/28/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/28/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/29/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2015
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2016
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Phase 4
Action Status:	As-Built Construction Report Received
Action Date:	6/30/2004
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	6/30/2004
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/12/2010
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/12/2010
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/14/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/14/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/2/2014
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/28/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/28/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/5/2007
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	7/5/2007
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date:	7/5/2007
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/8/2008
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/8/2008
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	7/8/2008
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/10/2005
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	8/10/2005
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	8/13/2012
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/17/2004
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	NOTSHP
Action Date:	9/11/2017
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/11/2017
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	9/14/1998
Response Action Outcome:	PN
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	9/16/1999
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/16/1999
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/16/1999
Response Action Outcome: PN

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 9/17/2001
Response Action Outcome: PN

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 9/17/2001
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/2/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRUN
Action Date: 9/21/2017
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 9/22/1998
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/24/1998
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/8/2017
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/9/1998
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/9/1998
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Facility:

Name: GILL MOBILE
Address: 23 FRENCH KING HWY
City,State,Zip: GILL, MA 013540000
Current Status: Permanent Solution with No Conditions
Release Tracking Number/Current Status: 1-0012568 / PSNC
Status Date: 04/23/2018
Source Type: USTOTHER
Release Town: GILL
Notification Date: 09/09/1998
Category: 72 HR
Associated ID: 1-0012568
Phase: PHASE V
Response Action Outcome: PN - PN
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: USTOTHER
Source: UST

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

Chemicals:

Chemical: DIESEL FUEL
Quantity: Not reported
Chemical: GASOLINE
Quantity: -310 parts per million

Actions:

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: RMRINT
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 1/10/2007
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/24/2008
Response Action Outcome: PN

Action Type: Phase 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Status:	RMRINT
Action Date:	1/24/2008
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	1/28/2005
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	1/5/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	1/5/2011
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	1/8/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/19/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/19/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/21/2013
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/23/2017
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	10/28/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 10/28/2014
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 11/13/2008
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/14/2013
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRUN
Action Date: 11/23/2009
Response Action Outcome: PN

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 11/3/2003
Response Action Outcome: PN

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 11/3/2003
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/9/1998
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/12/2017
Response Action Outcome: PN

Action Type: BOL
Action Status: SHPFAC
Action Date: 12/12/2017
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/15/2015
Response Action Outcome: PN

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/20/2013
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/28/2016
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	12/3/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	12/3/2009
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	ROSTRN
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/30/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/30/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date:	12/31/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/31/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/13/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/13/2009
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	2/2/2004
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/22/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/22/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	3/27/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	3/27/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	4/12/2006
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	4/12/2006
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/12/2016
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	4/12/2016
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINI
Action Date:	4/21/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/21/2014
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	4/23/2015
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/23/2015
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Completion Statement Received
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Action Status or AUL Terminated
Action Date:	4/23/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/25/2013
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	RMRINT
Action Date:	5/1/2017
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date:	5/1/2017
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Level II - Audit Inspection
Action Date:	5/15/2012
Response Action Outcome:	PN
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	5/5/2006
Response Action Outcome:	PN
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	5/9/2000
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Modified Revised or Updated Plan Received
Action Date:	6/12/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/20/2013
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	6/28/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/28/2006
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	6/28/2006
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/28/2017
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/29/2012
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2015
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/29/2016
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	As-Built Construction Report Received
Action Date:	6/30/2004
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	6/30/2004
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/12/2010
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/12/2010
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/14/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date:	7/14/2011
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/2/2014
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/28/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/28/2009
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/5/2007
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	7/5/2007
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/5/2007
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	7/8/2008
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	7/8/2008
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	7/8/2008
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/10/2005
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	8/10/2005
Response Action Outcome:	PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	8/13/2012
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	8/17/2004
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	NOTSHP
Action Date:	9/11/2017
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/11/2017
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	9/14/1998
Response Action Outcome:	PN
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	9/16/1999
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/16/1999
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	9/16/1999
Response Action Outcome:	PN
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	9/17/2001
Response Action Outcome:	PN
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	9/17/2001
Response Action Outcome:	PN
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	9/2/2008
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRUN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Action Date: 9/21/2017
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 9/22/1998
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/24/1998
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/8/2017
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/9/1998
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/9/1998
Response Action Outcome: PN

UST:

Facility ID: 6063
Name: SUMMIT STORE #4
Address: 23 FRENCH KING HWY
Address 2: Not reported
City,State,Zip: GILL, MA 01376
Owner ID: 10088
Owner: SUMMIT DISTRIBUTING LLC
Owner Address: 240 MECHANIC ST
Owner Address 2: Not reported
Owner City,State,Zip: LEBANON, NH 03766
Telephone: 4138634335
Description: Retail Motor Vehicle Fuel Dispensing
Contact Name: Thomas Frawley
Contact Address: 240 Mechanic St
Contact Address 2: Not reported
Contact City,State,Zip: Lebanon, NH 03766
Contact Email: comply@sumd.com
Update: 2023-06-08 00:00:00
Update By: Karen Staple
Facility Status: OPEN
Longitude: -72.54797
Latitude: 42.61286
URL: <https://ma-ust.windsorcloud.com/ust/facility/6063>

UST:

Facility ID: 6063
Tank ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Capacity:	4000.00000
Substance:	Gasoline
Tank Construct:	Single-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Single-walled metal (Corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	04/01/1970
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/10/1998
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test
Facility ID:	6063
Tank ID:	8
Capacity:	12000.00000
Substance:	Diesel
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Pressurized piping system with mechanical automatic line leak detection
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	09/11/1998
Number of Compartment:	Not reported
Pipe Install Date:	09/11/1998
Pipe Leak Install Date:	Not reported
Submersible Sump:	Y
Submersible Sump Install Date:	Not reported
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	10/11/2007
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/01/2017

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Overfill Protect Install: 10/11/2007
 Overfill Protect Type: Automatic shut-off valve
 Automatic Line Leak Detect: Not reported
 Tank Corrosion Type: Not reported
 Leak Corrosion Type: Not reported
 Tank Leak Detection: Continuous Interstitial Monitoring
 Pipe Leak Detection: Continuous Interstitial Space Monitoring

Facility ID: 6063
 Tank ID: 4
 Capacity: 10000.00000
 Substance: Gasoline
 Tank Construct: Single-walled metal tank (cathodic protection required)
 Tank Usage: Motor Vehicle
 Pipe Construct: Single-walled metal (Corrosion protection required)
 Pipe Type: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Date Installed: 04/01/1970
 Number of Compartment: Not reported
 Pipe Install Date: Not reported
 Pipe Leak Install Date: Not reported
 Submersible Sump: N
 Submersible Sump Install Date: Not reported
 Turbine Sump: N
 Turbine Sump Sensor: N
 Intermediate Sump: N
 Intermediate Sump Sensor: N
 Spill Bucket Installed Date: Not reported
 Spill Bucket Sensor: N
 Tank Status: Tank Removed
 Status Date: 09/10/1998
 Overfill Protect Install: Not reported
 Overfill Protect Type: Not reported
 Automatic Line Leak Detect: Not reported
 Tank Corrosion Type: Not reported
 Leak Corrosion Type: Not reported
 Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
 Pipe Leak Detection: Annual Automatic Line Leak Detection Test

Facility ID: 6063
 Tank ID: 9
 Capacity: 12000.00000
 Substance: Gasoline
 Tank Construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
 Tank Usage: Motor Vehicle
 Pipe Construct: Double-walled non-corrodible material (No corrosion protection required)
 Pipe Type: Pressurized piping system with mechanical automatic line leak detection
 Latitude: Not reported
 Longitude: Not reported
 Date Installed: 10/11/2007
 Number of Compartment: Not reported
 Pipe Install Date: 10/11/2007
 Pipe Leak Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Submersible Sump:	Y
Submersible Sump Install Date:	10/11/2007
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	10/11/2007
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/01/2017
Overfill Protect Install:	Not reported
Overfill Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6063
Tank ID:	3
Capacity:	6000.00000
Substance:	Gasoline
Tank Construct:	Single-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Single-walled metal (Corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	04/01/1970
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/10/1998
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test
Facility ID:	6063
Tank ID:	7
Capacity:	10000.00000
Substance:	Gasoline
Tank Construct:	Double-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Pipe Type:	required)
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	09/11/1998
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	10/10/2007
Overflow Protect Install:	Not reported
Overflow Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6063
Tank ID:	12
Capacity:	7000.00000
Substance:	Diesel
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Pressurized piping system with electronic automatic line leak detection
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	09/01/2017
Number of Compartment:	Not reported
Pipe Install Date:	09/01/2017
Pipe Leak Install Date:	09/01/2017
Submersible Sump:	Y
Submersible Sump Install Date:	09/01/2017
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	09/01/2017
Spill Bucket Sensor:	Y
Tank Status:	In Use
Status Date:	09/11/2018
Overflow Protect Install:	09/01/2017
Overflow Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	12/01/2017
Tank Corrosion Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6063
Tank ID:	11
Capacity:	15000.00000
Substance:	Gasoline
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Pressurized piping system with electronic automatic line leak detection
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	09/01/2017
Number of Compartment:	Not reported
Pipe Install Date:	09/01/2017
Pipe Leak Install Date:	09/01/2017
Submersible Sump:	Y
Submersible Sump Install Date:	09/01/2017
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	09/01/2017
Spill Bucket Sensor:	Y
Tank Status:	In Use
Status Date:	09/11/2018
Overfill Protect Install:	09/01/2017
Overfill Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	12/01/2017
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6063
Tank ID:	5
Capacity:	10000.00000
Substance:	Diesel
Tank Construct:	Single-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Single-walled metal (Corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	04/01/1970
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/10/1998
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test
Facility ID:	6063
Tank ID:	6
Capacity:	12000.00000
Substance:	Gasoline
Tank Construct:	Double-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	09/11/1998
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	10/10/2007
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring
Facility ID:	6063
Tank ID:	2
Capacity:	4000.00000
Substance:	Gasoline
Tank Construct:	Single-walled metal tank (cathodic protection required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Single-walled metal (Corrosion protection required)
Pipe Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Date Installed:	04/01/1970
Number of Compartment:	Not reported
Pipe Install Date:	Not reported
Pipe Leak Install Date:	Not reported
Submersible Sump:	N
Submersible Sump Install Date:	Not reported
Turbine Sump:	N
Turbine Sump Sensor:	N
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	Not reported
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/10/1998
Overfill Protect Install:	Not reported
Overfill Protect Type:	Not reported
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test
Facility ID:	6063
Tank ID:	10
Capacity:	8000.00000
Substance:	Gasoline
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Pressurized piping system with mechanical automatic line leak detection
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	10/11/2007
Number of Compartment:	Not reported
Pipe Install Date:	10/11/2007
Pipe Leak Install Date:	Not reported
Submersible Sump:	Y
Submersible Sump Install Date:	Not reported
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	10/11/2007
Spill Bucket Sensor:	N
Tank Status:	Tank Removed
Status Date:	09/01/2017
Overfill Protect Install:	Not reported
Overfill Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	Not reported
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUMMIT STORE #4 (Continued)

U004276523

Facility ID:	6063
Tank ID:	12
Capacity:	5000.00000
Substance:	Gasoline
Tank Construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Tank Usage:	Motor Vehicle
Pipe Construct:	Double-walled non-corrodible material (No corrosion protection required)
Pipe Type:	Pressurized piping system with electronic automatic line leak detection
Latitude:	Not reported
Longitude:	Not reported
Date Installed:	09/01/2017
Number of Compartment:	Not reported
Pipe Install Date:	09/01/2017
Pipe Leak Install Date:	09/01/2017
Submersible Sump:	Y
Submersible Sump Install Date:	09/01/2017
Turbine Sump:	Y
Turbine Sump Sensor:	Y
Intermediate Sump:	N
Intermediate Sump Sensor:	N
Spill Bucket Installed Date:	09/01/2017
Spill Bucket Sensor:	Y
Tank Status:	In Use
Status Date:	09/11/2018
Overfill Protect Install:	09/01/2017
Overfill Protect Type:	Automatic shut-off valve
Automatic Line Leak Detect:	12/01/2017
Tank Corrosion Type:	Not reported
Leak Corrosion Type:	Not reported
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Continuous Interstitial Space Monitoring

MA Financial Assurance 2:

Name:	SUMMIT STORE #4
Address:	23 FRENCH KING HWY
City,State,Zip:	GILL, MA 01376
Facility Id:	6063
Description:	Private
FR Type:	Trust Fund

Q61
ENE
1/4-1/2
0.480 mi.
2533 ft.

N/A
23 FRENCH KING HIGHWAY
GILL, MA
Site 3 of 6 in cluster Q

MA SHWS **S122938745**
MA RELEASE **N/A**
MA ASBESTOS

Relative:
Higher
Actual:
231 ft.

SHWS:	
Name:	N/A
Address:	23 FRENCH KING HIGHWAY
City,State,Zip:	GILL, MA
Facility ID:	1-0020955
Source Type:	FUEL TANK
Release Town:	GILL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N/A (Continued)

S122938745

Notification Date: 10/09/2019
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 01/14/2020
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

Name: N/A
Address: 23 FRENCH KING HIGHWAY
City,State,Zip: GILL, MA
Facility ID: 1-0020955
Source Type: VEHICLE
Release Town: GILL
Notification Date: 10/09/2019
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 01/14/2020
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

Release:

Name: N/A
Address: 23 FRENCH KING HIGHWAY
City,State,Zip: GILL, MA
Release Tracking Number/Current Status: 1-0020955 / PSNC
Primary ID: Not reported
Official City: GILL
Notification: 10/09/2019
Category: TWO HR
Status Date: 01/14/2020
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/14/2020
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 1/14/2020
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 10/11/2019
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N/A (Continued)

S122938745

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/9/2019
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/9/2019
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/4/2019
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/4/2019
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 4/15/2020
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 4/17/2020
Response Action Outcome: PN

Chemicals:

Chemical: Not reported
Quantity: Not reported
Location Type: COMMERCIAL
Source: FUELTANK
Source: VEHICLE

ASBESTOS:

Name: GILL MOBIL
Address: 23 FRENCH KING HIGHWAY
City,State,Zip: GILL, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 09/22/2017
End Date: 09/24/2017
Date Entered: Not reported
Entry Date: 09/08/2017
Quantity Material Removed SF: 300.00
Quantity Material Removed LF: .00
Project Description: OTHER VAT & ROOFING SEALANT/TAR
AR Tracking ID: 276645
Super Lic Number: AS033467
Monitor Lic Number: AM000146
Lab Lic Number: AA000233
Year: 2017

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N/A (Continued)

S122938745

Sticker Number: 100272378
 Form Type: ANF-001
 Fee Status: HUNDRED
 Facility Phone: 6033140820
 Sub Town: Not reported
 Worksite: KIOSK ROOF & SECONDARY STOREFRONT
 Occupied: 0
 Contractor: AC000724
 Contract Type: WRITTEN
 Hours: 7-3:30PM
 Project Type: Dem,Renv
 Abatement Process: Fcontain
 Location: INOUTDOORS
 Decon Process: 3 CHAMBER DECONTAMINATION UNIT
 Disposal Methods: 6 MIL ASBESTOS LABELED BAGS
 Facility Usage: GAS STATION
 Waiver Given: Not reported
 DEP Waiver Number: Not reported
 DLWD Waiver Number: Not reported
 Small Owner Occ: 0
 Owner Name: SUMMIT DISTRIBUTING, LLC
 Owner Address: 240 MECHANIC STREET
 Owner City: LEBANON
 Owner State: MA
 On Site Manager Name: BRIAN D. KISIEL
 On Site Manager Phone: 6033140820
 Ins Comp: STATE NATIONAL INSURANCE
 Policy Number: NFA0867680
 EXP Date: 4/25/2018
 Facility Size: 1000
 Transporter Name: N/A
 Transporter Address: N/A
 Transporter City: N/A
 Transporter State: MA
 Final Site: Not reported
 Certified Name: J. ROGELIO VILLALTA
 Cert Sign Date: 09/08/2017
 Certified Company: GEI
 Certified Phone: 9786858367
 Entered_by: GEIDEP

Q62
ENE
1/4-1/2
0.480 mi.
2533 ft.

GILL MOBIL
23 FRENCH KING HIGHWAY
GILL, MA 0
Site 4 of 6 in cluster Q

UST FINDER RELEASE **1028970299**
N/A

Relative:
Higher
Actual:
231 ft.

UST FINDER RELEASE:
 Object ID: 198704
 Facility ID: Not reported
 LUST ID: MA1-0020385
 Name: GILL MOBIL
 Address: 23 FRENCH KING HIGHWAY
 City,State,Zip: GILL, MA 0
 Address Match Type: PointAddress
 Reported Date: 2017/10/11 15:59:59+00
 Status: No Further Action
 Substance: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GILL MOBIL (Continued)

1028970299

Population within 1500ft: 189
 Domestic Wells within 1500ft: 55
 Land Use: Developed, Medium Intensity
 Within SPA: No
 SPA PWS Facility ID: Not reported
 SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: No
 WHPA PWS Facility ID: Not reported
 WHPA Water Type: Not reported
 WHPA Facility Type: Not reported
 WHPA HUC12: Not reported
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 1
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -72.5481713899999
 Y Coord: 42.61263387
 Latitude: 42.61263387
 Longitude: -72.5481713899999

Q63
ENE
1/4-1/2
0.480 mi.
2533 ft.

GILL MOBILE
23 FRENCH KING HWY
GILL, MA 13540
Site 5 of 6 in cluster Q

UST FINDER RELEASE 1028970300
N/A

Relative:
Higher

UST FINDER RELEASE:

Actual:
231 ft.

Object ID: 198410
 Facility ID: Not reported
 Lust ID: MA1-0012568
 Name: GILL MOBILE
 Address: 23 FRENCH KING HWY
 City,State,Zip: GILL, MA 13540000
 Address Match Type: PointAddress
 Reported Date: 1998/09/09 15:59:59+00
 Status: No Further Action
 Substance: Not reported
 Population within 1500ft: 189
 Domestic Wells within 1500ft: 55
 Land Use: Developed, Medium Intensity
 Within SPA: No
 SPA PWS Facility ID: Not reported
 SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: No
 WHPA PWS Facility ID: Not reported
 WHPA Water Type: Not reported
 WHPA Facility Type: Not reported
 WHPA HUC12: Not reported
 Within 100yr Floodplain: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GILL MOBILE (Continued)

1028970300

Tribe: Not reported
 EPA Region: 1
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -72.5481713899999
 Y Coord: 42.61263387
 Latitude: 42.61263387
 Longitude: -72.5481713899999

Q64
ENE
 1/4-1/2
 0.480 mi.
 2533 ft.

NO LOCATION AID
23 FRENCH KING HWY
GILL, MA 0

UST FINDER RELEASE **1029054985**
N/A

Site 6 of 6 in cluster Q

Relative:
Higher

UST FINDER RELEASE:

Actual:
 231 ft.

Object ID: 198585
 Facility ID: Not reported
 Lust ID: MA1-0016716
 Name: NO LOCATION AID
 Address: 23 FRENCH KING HWY
 City,State,Zip: GILL, MA 0
 Address Match Type: PointAddress
 Reported Date: 2007/08/03 15:59:59+00
 Status: No Further Action
 Substance: Not reported
 Population within 1500ft: 189
 Domestic Wells within 1500ft: 55
 Land Use: Developed, Medium Intensity
 Within SPA: No
 SPA PWS Facility ID: Not reported
 SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: No
 WHPA PWS Facility ID: Not reported
 WHPA Water Type: Not reported
 WHPA Facility Type: Not reported
 WHPA HUC12: Not reported
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 1
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -72.5481713899999
 Y Coord: 42.61263387
 Latitude: 42.61263387
 Longitude: -72.5481713899999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

65
SSW
1/4-1/2
0.494 mi.
2610 ft.

OUR LADY OF CZESTOCHOWA
84 K ST
TURNERS FALLS, MA

MA LUST S106617171
MA RELEASE N/A

Relative:
Higher

LUST:

Actual:
242 ft.

Facility:

Name: OUR LADY OF CZESTOCHOWA
Address: 84 K ST
City,State,Zip: TURNERS FALLS, MA
Current Status: Response Action Outcome
Release Tracking Number/Current Status: 1-0015442 / RAO
Status Date: 07/20/2007
Source Type: UST
Release Town: MONTAGUE
Notification Date: 09/17/2004
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil

Source: UST

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

Chemicals:

Chemical: #2 FUEL OIL
Quantity: 180 parts per million

Actions:

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/20/2005
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/24/2005
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: RFI
Action Date: 10/16/2008
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 10/16/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/19/2005
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF CZESTOCHOWA (Continued)

S106617171

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/26/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	10/26/2005
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	10/28/2008
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	11/22/2004
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/22/2004
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	11/4/2008
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level III - Comprehensive Audit
Action Date:	11/4/2008
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/16/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/31/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	2/15/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/19/2005
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF CZESTOCHOWA (Continued)

S106617171

Action Date:	7/20/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/25/2005
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	8/16/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	8/7/2006
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	8/9/2005
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/17/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	9/17/2004
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	9/19/2005
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/19/2005
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	9/19/2005
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	9/19/2005
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	9/21/2004
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF CZESTOCHOWA (Continued)

S106617171

Release:

Name: OUR LADY OF CZESTOCHOWA
Address: 84 K ST
City,State,Zip: TURNERS FALLS, MA
Release Tracking Number/Current Status: 1-0015442 / RAO
Primary ID: Not reported
Official City: MONTAGUE
Notification: 09/17/2004
Category: 72 HR
Status Date: 07/20/2007
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/20/2005
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/24/2005
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: RFI
Action Date: 10/16/2008
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 10/16/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/19/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/26/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 10/26/2005
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDRAN
Action Date: 10/28/2008
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF CZESTOCHOWA (Continued)

S106617171

Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	11/22/2004
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/22/2004
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	11/4/2008
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level III - Comprehensive Audit
Action Date:	11/4/2008
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/16/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/31/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	2/15/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/19/2005
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/20/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/25/2005
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	8/16/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF CZESTOCHOWA (Continued)

S106617171

Action Date: 8/7/2006
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSSENT
Action Date: 8/9/2005
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/17/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/17/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/19/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/19/2005
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 9/19/2005
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 9/19/2005
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 9/21/2004
Response Action Outcome: Not reported

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 180 parts per million
Source: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

66
NNE
1/2-1
0.559 mi.
2951 ft.

POLE 2/3
FACTORY HOLLOW RD
GREENFIELD, MA

MA SHWS S102507335
MA RELEASE N/A

Relative:
Lower
Actual:
172 ft.

SHWS:
Name: POLE 2/3
Address: FACTORY HOLLOW RD
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0011623
Source Type: TRANSFORM
Release Town: GREENFIELD
Notification Date: 12/08/1996
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 01/29/1997
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Release:
Name: POLE 2/3
Address: FACTORY HOLLOW RD
City,State,Zip: GREENFIELD, MA
Release Tracking Number/Current Status: 1-0011623 / RAO
Primary ID: Not reported
Official City: GREENFIELD
Notification: 12/08/1996
Category: TWO HR
Status Date: 01/29/1997
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

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

Actions:
Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/29/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/29/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 12/11/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLE 2/3 (Continued)

S102507335

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: TRANSFORMER OIL
Quantity: 15 gallons
Location Type: RESIDENTIAL
Source: TRANSFORM

67
WNW
1/2-1
0.600 mi.
3166 ft.

MACKIN CONSTRUCTION COMPANY
145 GILL RD
GREENFIELD, MA 01301

MA SHWS S107405549
MA LAST N/A
MA RELEASE
MA ASBESTOS

Relative:
Higher
Actual:
285 ft.

SHWS:
Name: MACKIN CONSTRUCTION COMPANY
Address: 145 GILL RD
City,State,Zip: GREENFIELD, MA 013010000
Facility ID: 1-0015869
Source Type: PIPE
Release Town: GREENFIELD
Notification Date: 08/11/2005
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 01/27/2010
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Name: MACKIN CONSTRUCTION COMPANY
Address: 145 GILL RD
City,State,Zip: GREENFIELD, MA 013010000
Facility ID: 1-0015869
Source Type: UNKNOWN
Release Town: GREENFIELD
Notification Date: 08/11/2005
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 01/27/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Name: MACKIN CONSTRUCTION COMPANY
Address: 145 GILL RD
City,State,Zip: GREENFIELD, MA 013010000
Facility ID: 1-0015869
Source Type: DRUMS
Release Town: GREENFIELD
Notification Date: 08/11/2005
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 01/27/2010
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

LAST:

Name: MACKIN CONSTRUCTION COMPANY
Address: 145 GILL RD
City,State,Zip: GREENFIELD, MA 013010000
Release Tracking Number/Current Status: 1-0015869 / RAO
Source Type: AST
Release Town: GREENFIELD
Notification Date: 08/11/2005
Category: 120 DY
Associated ID: Not reported
Status Date: 01/27/2010
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:

Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 14600 milligrams per kilogram
Location Type: COMMERCIAL
Source: UNKNOWN
Source: AST
Source: DRUMS
Source: PIPE

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/27/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 1/27/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

Action Status:	FLDRAN
Action Date:	1/31/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	10/31/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	11/12/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	11/12/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	11/17/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	11/7/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	11/7/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	12/14/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	12/20/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	RFI
Action Date:	2/23/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 3/24/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 3/24/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 3/9/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Approval of Plan
Action Date: 4/17/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/30/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 4/7/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 5/14/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Approval of Plan
Action Date: 5/14/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 5/24/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/9/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	6/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/11/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/11/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	8/13/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	8/13/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/16/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	8/28/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	9/15/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	9/24/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/25/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Name: MACKIN CONSTRUCTION COMPANY
Address: 145 GILL RD
City,State,Zip: GREENFIELD, MA 013010000
Release Tracking Number/Current Status: 1-0015869 / RAO
Primary ID: Not reported
Official City: GREENFIELD
Notification: 08/11/2005
Category: 120 DY
Status Date: 01/27/2010
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/27/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 1/27/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 1/31/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 10/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 11/12/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 11/12/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/17/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/7/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 11/7/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 12/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/20/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: RFI
Action Date: 2/23/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 3/24/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 3/24/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 3/9/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

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

Action Type: Release Abatement Measure

Action Status: Written Approval of Plan

Action Date: 4/17/2008

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

Action Type: RLFA

Action Status: FOLOFF

Action Date: 4/30/2008

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

Action Type: RLFA

Action Status: FLDD1A

Action Date: 4/7/2008

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

Action Type: Compliance and Enforcement Action

Action Status: Interim Deadline Letter Issued

Action Date: 5/14/2008

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

Action Type: Release Abatement Measure

Action Status: Written Approval of Plan

Action Date: 5/14/2008

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

Action Type: Release Abatement Measure

Action Status: Written Plan Received

Action Date: 5/24/2007

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

Action Type: Release Abatement Measure

Action Status: Modified Revised or Updated Plan Received

Action Date: 5/9/2008

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

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: ALSSENT

Action Date: 6/19/2006

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

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 8/11/2005

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/11/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/13/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/13/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 8/16/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 8/28/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 9/15/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 9/24/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/25/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 14600 milligrams per kilogram
Location Type: COMMERCIAL
Source: UNKNOWN
Source: AST
Source: DRUMS
Source: PIPE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

ASBESTOS:

Name: GARAGE
Address: 145 GILL ROAD
City,State,Zip: GREENFIELD, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 01/04/2011
End Date: 01/07/2011
Date Entered: Not reported
Entry Date: 12/21/2010
Quantity Material Removed SF: 52.00
Quantity Material Removed LF: 2.00
Project Description: Trns
AR Tracking ID: 135966
Super Lic Number: AS070548
Monitor Lic Number: Not reported
Lab Lic Number: Not reported
Year: 2010
Sticker Number: 100118482
Form Type: ANF-001
Fee Status: Fifty
Facility Phone: Not reported
Sub Town: Not reported
Worksite: GARAGE
Occupied: 0
Contractor: AC000021
Contract Type: WRITTEN
Hours: Week days: 7-4P Week end: NONE
Project Type: Dem
Abatement Process: EXTERIOR
Location: Not reported
Decon Process: REMOTE DECON.
Disposal Methods: WETTED, WRAPPED IN 6-MIL POLY, PLACED IN WASTE TRAILER, MANIFESTED AND PROPERLY DISPOSED OF.

Facility Usage: FORMER GARAGE
Waiver Given: Not reported
DEP Waiver Number: Not reported
DLWD Waiver Number: Not reported
Small Owner Occ: 5
Owner Name: MACKIN CONSTRUCTION CO., INC.
Owner Address: P.O. BOX 639
Owner City: GREENFIELD
Owner State: MA
On Site Manager Name: MICHAEL MACKIN, MACKIN CONSTRUCTION CO.
On Site Manager Phone: 4137733622
Ins Comp: STEADFAST INSURANCE CO.
Policy Number: WC654902702
EXP Date: 7/21/2011
Facility Size: 5148
Transporter Name: BAYSTATE CONTRACTING SERVICES, INC.
Transporter Address: 352 ALBANY ST.
Transporter City: SPRINGFIELD
Transporter State: Not reported
Final Site: 39
Certified Name: JAMES BEAUDRY
Cert Sign Date: 12/21/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACKIN CONSTRUCTION COMPANY (Continued)

S107405549

Certified Company: BAYSTATE CONTRACTING
Certified Phone: 4137810820
Entered_by: Not reported

68
NNW
1/2-1
0.659 mi.
3477 ft.

LOT #57
ADAMS RD
GREENFIELD, MA

MA SHWS S104544588
MA RELEASE N/A

Relative:
Higher
Actual:
286 ft.

SHWS:
Name: LOT #57
Address: ADAMS RD
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0010979
Source Type: FUEL TANK
Release Town: GREENFIELD
Notification Date: 09/29/1995
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 09/29/1995
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Release:
Name: LOT #57
Address: ADAMS RD
City,State,Zip: GREENFIELD, MA
Release Tracking Number/Current Status: 1-0010979 / RAO
Primary ID: Not reported
Official City: GREENFIELD
Notification: 09/29/1995
Category: TWO HR
Status Date: 09/29/1995
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

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

Actions:
Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/29/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 7/29/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT #57 (Continued)

S104544588

Action Status: FOLFLD
 Action Date: 7/31/1995
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
 Action Status: FOLOFF
 Action Date: 8/3/1995
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:
 Action Status: A Notice sent to a Potentially Responsible Party (PRP)
 Action Date: 8/4/1995
 Response Action Outcome: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
 A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:
 Action Status: Response Action Outcome - RAO
 Action Date: 9/29/1995
 Response Action Outcome: RAO Statement Received
 A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
 Action Status: Reportable Release under MGL 21E
 Action Date: 9/29/1995
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
 Chemical: #2 FUEL OIL
 Quantity: 100 gallons
 Location Type: RESIDENTIAL
 Source: FUELTANK

69
 WNW
 1/2-1
 0.813 mi.
 4295 ft.

**KEENE GAS - 180 SILVIO CONTE DR
 180 SILVIO CONTE DR
 GREENFIELD, MA 01301**

**MA SHWS S112292454
 MA RELEASE N/A
 MA HW GEN
 MA TIER 2**

**Relative:
 Higher
 Actual:
 336 ft.**

SHWS:
 Name: COCA-COLA BOTTLING
 Address: 180 SILVIO O'CONTE DRIVE
 City,State,Zip: GREENFIELD, MA 013010000
 Facility ID: 1-0021796
 Source Type: TANKER
 Release Town: GREENFIELD
 Notification Date: 05/13/2023
 Category: TWO HR
 Associated ID: Not reported
 Current Status: PSNC
 Status Date: 07/10/2023
 Phase: Not reported
 Response Action Outcome: PN
 Oil Or Haz Material: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KEENE GAS - 180 SILVIO CONTE DR (Continued)

S112292454

Name: COCA COLA BOTTLING PLANT
Address: 180 SILVIO O'CONTE DRIVE
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0021161
Source Type: TANKER
Release Town: GREENFIELD
Notification Date: 08/24/2020
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 10/23/2020
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Not reported

Release:
Name: COCA COLA BOTTLING PLANT
Address: 180 SILVIO O'CONTE DRIVE
City,State,Zip: GREENFIELD, MA
Release Tracking Number/Current Status: 1-0021161 / PSNC
Primary ID: Not reported
Official City: GREENFIELD
Notification: 08/24/2020
Category: TWO HR
Status Date: 10/23/2020
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 10/23/2020
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/23/2020
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 2/17/2021
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/24/2020
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/24/2020
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KEENE GAS - 180 SILVIO CONTE DR (Continued)

S112292454

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 8/25/2020
Response Action Outcome: PN

Chemicals:

Chemical: Not reported
Quantity: Not reported
Location Type: COMMERCIAL
Source: TANKER

Name: COCA-COLA BOTTLING
Address: 180 SILVIO O'CONTE DRIVE
City,State,Zip: GREENFIELD, MA 013010000
Release Tracking Number/Current Status: 1-0021796 / PSNC
Primary ID: Not reported
Official City: GREENFIELD
Notification: 05/13/2023
Category: TWO HR
Status Date: 07/10/2023
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/13/2023
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/13/2023
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 5/16/2023
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/10/2023
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 7/10/2023
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 9/21/2023
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KEENE GAS - 180 SILVIO CONTE DR (Continued)

S112292454

Chemicals:

Chemical: Not reported
Quantity: Not reported
Location Type: INDUSTRIAL
Source: TANKER

HW GEN:

Name: CCNNE GREENFIELD
Address: 180 SILVIO O CONTE DR
City,State,Zip: GREENFIELD, MA 01301
EPA Id: MAD985277748
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

TIER 2:

Name: GREENFIELD COCA COLA
Address: 180 SILVIO O CONTE DR
City,State,Zip: GREENFIELD, MA 01310
Report Year: 2020
Facility Id: FATR2020000000055844
Facility Dept: Not reported
Latitude: 42.614900
Longitude: -72.571600
Mailing Address: 180 Silvio O. Conte Drive
Mailing City/State/Zip: 01301
Mailing Country: Not reported
Notes: Not reported
All Chemicals Same As Last Yr: Not reported
Date Signed: 2022-03-02
Dike Or Other Safeguard: Not reported
Failed Validation: Not reported
Date Modified: 03/02/2022
Fees Total: Not reported
Num Of Employees: 115
Site Coord Abbreviated?: false
Site Map: Not reported
State Label Code: Not reported
Submitted By: Not reported
Validation Report: Not reported
Fire District: Not reported
Latlong Location Description: Not reported
Latlong Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

70
West
1/2-1
0.861 mi.
4546 ft.

SUPER STOP AND SHOP
RTE 2A
GREENFIELD, MA

MA SHWS S105198845
MA RELEASE N/A

Relative:
Higher
Actual:
304 ft.

SHWS:
Name: SUPER STOP AND SHOP
Address: RTE 2A
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0014048
Source Type: VEHICLE
Release Town: GREENFIELD
Notification Date: 07/31/2001
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 03/04/2002
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Oil

Release:
Name: SUPER STOP AND SHOP
Address: RTE 2A
City,State,Zip: GREENFIELD, MA
Release Tracking Number/Current Status: 1-0014048 / RAO
Primary ID: Not reported
Official City: GREENFIELD
Notification: 07/31/2001
Category: TWO HR
Status Date: 03/04/2002
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Actions:
Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/11/2002
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/16/2001
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 11/7/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/11/2001
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER STOP AND SHOP (Continued)

S105198845

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/5/2002
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/4/2002
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 3/8/2002
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/31/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/31/2001
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/7/2001
Response Action Outcome: Not reported

Chemicals:
Chemical: DIESEL FUEL
Quantity: 25 gallons
Location Type: COMMERCIAL
Source: VEHICLE

71
NE
1/2-1
0.884 mi.
4670 ft.

CONTRANS
47 MAIN RD
GILL, MA 01376

MA SHWS S108347887
MA RELEASE N/A

Relative: SHWS:
Higher Name: CONTRANS
Actual: Address: 47 MAIN RD
342 ft. City,State,Zip: GILL, MA 013760000
Facility ID: 1-0016412
Source Type: Not reported
Release Town: GILL
Notification Date: 11/21/2006
Category: 72 HR
Associated ID: Not reported
Current Status: RAO
Status Date: 11/27/2007
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTRANS (Continued)

S108347887

Release:

Name: CONTRANS
Address: 47 MAIN RD
City,State,Zip: GILL, MA 013760000
Release Tracking Number/Current Status: 1-0016412 / RAO
Primary ID: Not reported
Official City: GILL
Notification: 11/21/2006
Category: 72 HR
Status Date: 11/27/2007
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

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

Actions:

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/16/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/30/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/30/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/5/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 10/17/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 10/31/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTRANS (Continued)

S108347887

Action Date: 11/21/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/21/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 11/22/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/27/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 11/28/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 2/9/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/17/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/24/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSSENT
Action Date: 9/12/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 21 parts per million
Location Type: COMMERCIAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R72 **1 MILE STRETCH OF ROAD**
West **89-177 FRENCH KING HIGHWAY**
1/2-1 **GREENFIELD, MA**

MA SHWS **S117277449**
MA RELEASE **N/A**

0.911 mi.
4810 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

SHWS:
Name: 1 MILE STRETCH OF ROAD
Address: 89-177 FRENCH KING HIGHWAY
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0019505
Source Type: VEHICLE
Release Town: GREENFIELD
Notification Date: 08/27/2014
Category: TWO HR
Associated ID: Not reported
Current Status: PSNC
Status Date: 12/01/2014
Phase: Not reported
Response Action Outcome: PN
Oil Or Haz Material: Oil

Actual:
276 ft.

Release:
Name: 1 MILE STRETCH OF ROAD
Address: 89-177 FRENCH KING HIGHWAY
City,State,Zip: GREENFIELD, MA
Release Tracking Number/Current Status: 1-0019505 / PSNC
Primary ID: Not reported
Official City: GREENFIELD
Notification: 08/27/2014
Category: TWO HR
Status Date: 12/01/2014
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Oil

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

Actions:

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/7/2015
Response Action Outcome: PN

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 11/14/2014
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 12/1/2014
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 5/1/2015
Response Action Outcome: PN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1 MILE STRETCH OF ROAD (Continued)

S117277449

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/27/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/27/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 8/27/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRUN
Action Date: 8/28/2014
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 9/5/2014
Response Action Outcome: PN

Chemicals:
Chemical: DIESEL FUEL
Quantity: 30 gallons
Location Type: ROADWAY
Source: VEHICLE

R73
West
1/2-1
0.925 mi.
4886 ft.

TRANSFORMER PAD BEHIND STOP AND SHOP
87 FRENCH KING HWY
GREENFIELD, MA
Site 2 of 2 in cluster R

MA SHWS S118421764
MA RELEASE N/A

Relative:
Higher
Actual:
276 ft.

SHWS:
Name: TRANSFORMER PAD BEHIND STOP AND SHOP
Address: 87 FRENCH KING HWY
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0019818
Source Type: TRANSFORM
Release Town: GREENFIELD
Notification Date: 09/24/2015
Category: TWO HR
Associated ID: Not reported
Current Status: PSC
Status Date: 07/22/2016
Phase: Not reported
Response Action Outcome: PC
Oil Or Haz Material: Not reported

Name: TRANSFORMER PAD BEHIND STOP AND SHOP
Address: 87 FRENCH KING HWY
City,State,Zip: GREENFIELD, MA
Facility ID: 1-0019818

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSFORMER PAD BEHIND STOP AND SHOP (Continued)

S118421764

Source Type: HISTORIC R
Release Town: GREENFIELD
Notification Date: 09/24/2015
Category: TWO HR
Associated ID: Not reported
Current Status: PSC
Status Date: 07/22/2016
Phase: Not reported
Response Action Outcome: PC
Oil Or Haz Material: Not reported

Release:

Name: TRANSFORMER PAD BEHIND STOP AND SHOP
Address: 87 FRENCH KING HWY
City,State,Zip: GREENFIELD, MA
Release Tracking Number/Current Status: 1-0019818 / PSC
Primary ID: Not reported
Official City: GREENFIELD
Notification: 09/24/2015
Category: TWO HR
Status Date: 07/22/2016
Phase: Not reported
Response Action Outcome: PC - PC
Oil / Haz Material Type: Not reported

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

Actions:

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/22/2016
Response Action Outcome: PC

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/24/2017
Response Action Outcome: PC

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 11/23/2015
Response Action Outcome: PC

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/23/2015
Response Action Outcome: PC

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/21/2015
Response Action Outcome: PC

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/21/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSFORMER PAD BEHIND STOP AND SHOP (Continued)

S118421764

Response Action Outcome:	PC
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/22/2016
Response Action Outcome:	PC
Action Type:	Response Action Outcome - RAO
Action Status:	PSCRCD
Action Date:	7/22/2016
Response Action Outcome:	PC
Action Type:	Release Disposition
Action Status:	Release or TOR Less than Reporting Requirement
Action Date:	9/23/2015
Response Action Outcome:	PC
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	9/23/2015
Response Action Outcome:	PC
Chemicals:	
Chemical:	Not reported
Quantity:	Not reported
Location Type:	ROADWAY
Location Type:	COMMERCIAL
Source:	HISTORIC R
Source:	TRANSFORM

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GILL	S100423329	NMHS-GILL NORTHERN & SOUTHERN LFS	MAIN ST	01376	MA SWF/LF, MA Financial Assurance
GREENFIELD	S128621216	NOLUMBEKA PROJECT SITE	ROUTE 2/KING HIGHWAY	01301	MA SHWS, MA RELEASE
GREENFIELD	S122832882	I 91 NORTH MM 43.4	I 91 NORTH		MA SHWS, MA RELEASE
GREENFIELD	S108117351	JUST NORTH OF EXIT 26	RTE 91 N		MA SHWS, MA RELEASE
GREENFIELD	S126024276	PROPERTY	EUCLID AVENUE		MA SHWS, MA LUST, MA RELEASE
GREENFIELD	S101044253	MACKIN CONSTRUCTION COMPANY	GILL RD	01301	MA SHWS, MA RELEASE, MA SPILLS
GREENFIELD	S108117541	POLE #3	MAIN ST		MA SHWS, MA RELEASE
GREENFIELD	S103810942	RELEASE TO ROAD SURFACE	MAIN ST	01301	MA SHWS, MA RELEASE
GREENFIELD	S114004745	GREENFIELD FORD & TOYOTA	1 MAIN STREET	01301	MA SHWS, MA INST CONTROL, MA RELEASE
GREENFIELD	S105810363	MOBIL STATION	MOHAWK TRL NEAR 142		MA SHWS, MA RELEASE
GREENFIELD	S113804983	I-91 NORTH HYDRAULIC RELEASE MM44.	I-91 NORTH MILEMARKER 44.4		MA SHWS, MA RELEASE
GREENFIELD	S126024283	ROUTE 2 WESTBOUND	RAMP TO I-91 SOUTH, MILE 50.6		MA SHWS, MA RELEASE
GREENFIELD	S131447328	ROAD SURFACES	I-91 SB MM 42.3	01301	MA SHWS, MA RELEASE
LEYDEN	S132121835	LEYDEN WILDLIFE MANAGEMENT AREA	OFF OAK HILL ROAD		MA SHWS, MA RELEASE
TURNERS FALLS	S106510058	TURNERS FALLS DAM	AVENUE A		MA SHWS, MA RELEASE
TURNERS FALLS	S108034312	CABOT CANAL	BELOW TURNERS FALLS BRG		MA SHWS, MA RELEASE
TURNERS FALLS	S126024333	GATEHOUSE	1 GATEHOUSE AVENUE	01376	MA SHWS, MA RELEASE, MA TIER 2
TURNERS FALLS	S106863427	CABOT STATION PARCEL OFF OF DEPOT	REAR OF 304 MONTAGUE CITY RD		MA SHWS, MA RELEASE
TURNERS FALLS	S106510126	GATEHOUSE AVE	TURNERS FALLS DM		MA SHWS, MA RELEASE
TURNERS FALLS	S106510121	CONNECTICUT RIVER	TURNERS FALLS DM GATEHOUSE		MA SHWS, MA 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

Lists of Federal NPL (Superfund) sites

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: 08/27/2024	Source: EPA
Date Data Arrived at EDR: 09/03/2024	Telephone: N/A
Date Made Active in Reports: 09/19/2024	Last EDR Contact: 10/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/06/2025
	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: 08/27/2024	Source: EPA
Date Data Arrived at EDR: 09/03/2024	Telephone: N/A
Date Made Active in Reports: 09/19/2024	Last EDR Contact: 10/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/06/2025
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

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

Lists of Federal Delisted NPL sites

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: 08/27/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 09/19/2024
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 06/07/2024
Date Data Arrived at EDR: 06/25/2024
Date Made Active in Reports: 09/19/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/24/2024
Next Scheduled EDR Contact: 01/09/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/24/2024	Source: EPA
Date Data Arrived at EDR: 08/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/01/2024
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024	Source: EPA
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-424-9346
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: (888) 372-7341
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: (888) 372-7341
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: (888) 372-7341
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: (888) 372-7341
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 07/15/2024	Source: Department of the Navy
Date Data Arrived at EDR: 07/17/2024	Telephone: 843-820-7326
Date Made Active in Reports: 10/09/2024	Last EDR Contact: 07/31/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/18/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/24/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/08/2024	Telephone: 703-603-0695
Date Made Active in Reports: 08/15/2024	Last EDR Contact: 08/08/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/02/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/24/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/08/2024	Telephone: 703-603-0695
Date Made Active in Reports: 08/15/2024	Last EDR Contact: 08/08/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/02/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/11/2024	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/17/2024	Telephone: 202-267-2180
Date Made Active in Reports: 09/04/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Site Transition List

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

Date of Government Version: 07/10/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/16/2024	Telephone: 617-292-5990
Date Made Active in Reports: 08/07/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

LF PROFILES: Landfill Profiles Listing

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

Date of Government Version: 07/01/2015	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/27/2015	Telephone: 617-292-5868
Date Made Active in Reports: 12/14/2015	Last EDR Contact: 09/26/2024
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/06/2025
	Data Release Frequency: Varies

SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/28/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/28/2024	Telephone: 617-292-5989
Date Made Active in Reports: 09/24/2024	Last EDR Contact: 09/26/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/06/2025
	Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

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: 07/10/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/16/2024	Telephone: 617-292-5990
Date Made Active in Reports: 08/07/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 07/10/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/16/2024	Telephone: 617-292-5500
Date Made Active in Reports: 08/07/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/11/2024	Source: EPA, Region 5
Date Data Arrived at EDR: 05/30/2024	Telephone: 312-886-7439
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

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: 05/07/2024	Source: EPA Region 1
Date Data Arrived at EDR: 05/30/2024	Telephone: 617-918-1313
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/07/2024	Source: EPA Region 10
Date Data Arrived at EDR: 05/30/2024	Telephone: 206-553-2857
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024	Source: EPA Region 6
Date Data Arrived at EDR: 05/30/2024	Telephone: 214-665-6597
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024	Source: EPA Region 4
Date Data Arrived at EDR: 05/30/2024	Telephone: 404-562-8677
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	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: 05/07/2024	Source: EPA Region 8
Date Data Arrived at EDR: 05/30/2024	Telephone: 303-312-6271
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/07/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/30/2024	Telephone: 415-972-3372
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	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: 05/07/2024	Source: EPA Region 7
Date Data Arrived at EDR: 05/30/2024	Telephone: 913-551-7003
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 07/10/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024	Source: FEMA
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-646-5797
Date Made Active in Reports: 06/17/2024	Last EDR Contact: 09/25/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

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

Date of Government Version: 03/04/2024	Source: Department of Fire Services, Office of the Public Safety
Date Data Arrived at EDR: 04/26/2024	Telephone: 617-556-1035
Date Made Active in Reports: 07/19/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: Quarterly

AST 2: Aboveground Storage Tanks
Aboveground storage tanks

Date of Government Version: 07/08/2024	Source: Department of Fire Services
Date Data Arrived at EDR: 07/10/2024	Telephone: 978-567-3181
Date Made Active in Reports: 09/27/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: Varies

AST: Aboveground Storage Tank Database
Registered Aboveground Storage Tanks.

Date of Government Version: 07/02/2024	Source: Department of Public Safety
Date Data Arrived at EDR: 07/09/2024	Telephone: 617-556-1035
Date Made Active in Reports: 09/27/2024	Last EDR Contact: 10/08/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: No Update Planned

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
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: 07/10/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 08/07/2024
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

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

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
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: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Completed Brownfields Covenants Listing

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 82

Source: Office of the Attorney General
Telephone: 617-963-2423
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS 2: Potential Brownfields Listing

A listing of potential brownfields site locations in the state.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 10/16/2023
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: 617-556-1007
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
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: 06/10/2024
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014

Date Data Arrived at EDR: 08/06/2014

Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service

Telephone: 301-443-1452

Last EDR Contact: 07/18/2024

Next Scheduled EDR Contact: 11/04/2024

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024

Date Data Arrived at EDR: 08/19/2024

Date Made Active in Reports: 10/09/2024

Number of Days to Update: 51

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 08/19/2024

Next Scheduled EDR Contact: 12/02/2024

Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024

Date Data Arrived at EDR: 08/19/2024

Date Made Active in Reports: 10/09/2024

Number of Days to Update: 51

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 08/19/2024

Next Scheduled EDR Contact: 12/02/2024

Data Release Frequency: Quarterly

Local Land Records

LIENS: Liens Information Listing

A listing of environmental liens.

Date of Government Version: 03/07/2018

Date Data Arrived at EDR: 03/09/2018

Date Made Active in Reports: 06/21/2018

Number of Days to Update: 104

Source: Department of Environmental Protection

Telephone: 617-292-5628

Last EDR Contact: 08/20/2024

Next Scheduled EDR Contact: 11/26/2024

Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 08/27/2024

Date Data Arrived at EDR: 09/03/2024

Date Made Active in Reports: 09/19/2024

Number of Days to Update: 16

Source: Environmental Protection Agency

Telephone: 202-564-6023

Last EDR Contact: 10/01/2024

Next Scheduled EDR Contact: 01/06/2025

Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/17/2024	Telephone: 202-366-4555
Date Made Active in Reports: 06/24/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/03/2003	Telephone: 617-292-5720
Date Made Active in Reports: 12/31/2003	Last EDR Contact: 12/03/2003
Number of Days to Update: 28	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

RELEASE: Reportable Releases

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

Date of Government Version: 07/10/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/16/2024	Telephone: 617-292-5990
Date Made Active in Reports: 08/07/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/08/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/10/1998	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/05/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 07/31/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 58

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/12/2024
Next Scheduled EDR Contact: 11/26/2024
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/10/2024
Next Scheduled EDR Contact: 01/20/2025
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/10/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/25/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/11/2024
	Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/01/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/11/2024
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 10/03/2024
Number of Days to Update: 283	Next Scheduled EDR Contact: 12/23/2024
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022	Source: EPA
Date Data Arrived at EDR: 11/13/2023	Telephone: 202-566-0250
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 09/25/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/06/2025
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 07/11/2024	Source: EPA
Date Data Arrived at EDR: 07/11/2024	Telephone: 202-564-4203
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/11/2024
Number of Days to Update: 1	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 08/27/2024	Source: EPA
Date Data Arrived at EDR: 09/03/2024	Telephone: 703-416-0223
Date Made Active in Reports: 09/19/2024	Last EDR Contact: 10/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/09/2024
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 07/12/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/17/2024	Telephone: 202-564-8600
Date Made Active in Reports: 10/09/2024	Last EDR Contact: 10/09/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/11/2024
	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: 05/23/2024	Source: EPA
Date Data Arrived at EDR: 07/02/2024	Telephone: 202-566-0500
Date Made Active in Reports: 09/26/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/25/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 06/06/2024	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/07/2024	Telephone: 301-415-0717
Date Made Active in Reports: 09/04/2024	Last EDR Contact: 10/09/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2022	Source: Department of Energy
Date Data Arrived at EDR: 11/27/2023	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 12/09/2024
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/22/2024
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/09/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/01/2024
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/11/2024
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/06/2025
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 07/23/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2024
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 09/26/2024
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 09/19/2024
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/14/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/22/2024
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/02/2024
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2024	Source: Department of Interior
Date Data Arrived at EDR: 06/14/2024	Telephone: 202-208-2609
Date Made Active in Reports: 09/04/2024	Last EDR Contact: 09/10/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/16/2024
	Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022	Source: USGS
Date Data Arrived at EDR: 11/22/2022	Telephone: 703-648-6533
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 08/22/2024
Number of Days to Update: 98	Next Scheduled EDR Contact: 12/02/2024
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/13/2024	Source: EPA
Date Data Arrived at EDR: 08/20/2024	Telephone: (617) 918-1111
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 08/20/2024
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/09/2024
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/28/2024	Telephone: 202-564-2280
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/01/2024
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 57

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-566-0250
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 07/18/2024
Number of Days to Update: 601	Next Scheduled EDR Contact: 11/04/2024
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023	Source: Social Science Environmental Health Research Institute
Date Data Arrived at EDR: 04/05/2024	Telephone: N/A
Date Made Active in Reports: 06/06/2024	Last EDR Contact: 09/05/2024
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/16/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-272-0167
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2024	Telephone: 202-267-2675
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 09/25/2024
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016	Source: EPA, Office of Water
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-564-2496
Date Made Active in Reports: 03/10/2017	Last EDR Contact: 09/25/2024
Number of Days to Update: 63	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 04/14/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/16/2024	Telephone: 202-564-4700
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 07/16/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 10/28/2024
	Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/31/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 08/08/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/18/2024
	Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Varies

PFAS: PFAS Contaminated Sites Listing

Detection of Per- and Polyfluoroalkyl Substances (PFAS) in drinking water.

Date of Government Version: 06/01/2024
Date Data Arrived at EDR: 06/26/2024
Date Made Active in Reports: 09/16/2024
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 617-292-6770
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Varies

AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 07/08/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 617-292-5789
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 06/05/2024
Date Data Arrived at EDR: 06/06/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 89

Source: Department of Environmental Protection
Telephone: 617-292-5982
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 11/26/2024
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: 06/27/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
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: 07/08/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 2

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing

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

Date of Government Version: 12/01/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/23/2010	Telephone: 617-292-5970
Date Made Active in Reports: 02/03/2011	Last EDR Contact: 08/27/2024
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/16/2024
	Data Release Frequency: Varies

FIN 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: 03/04/2024	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 04/26/2024	Telephone: 978-567-3100
Date Made Active in Reports: 07/19/2024	Last EDR Contact: 10/03/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: Varies

FIN ASSURANCE 3: Financial Assurance Information listing

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

Date of Government Version: 10/24/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/12/2023	Telephone: 617-292-5970
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 09/25/2024
Number of Days to Update: 54	Next Scheduled EDR Contact: 01/13/2025
	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: 06/07/2024	Source: MassGIS
Date Data Arrived at EDR: 07/23/2024	Telephone: 617-556-1150
Date Made Active in Reports: 10/11/2024	Last EDR Contact: 07/23/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2024
	Data Release Frequency: Varies

HW GEN: List of Massachusetts Hazardous Waste Generators

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

Date of Government Version: 06/13/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/17/2024	Telephone: 617-292-5500
Date Made Active in Reports: 09/11/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Semi-Annually

MERCURY: Mercury Product Recycling Drop-Off Locations Listing

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

Date of Government Version: 02/12/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/13/2024	Telephone: 617-292-5632
Date Made Active in Reports: 02/21/2024	Last EDR Contact: 08/07/2024
Number of Days to Update: 8	Next Scheduled EDR Contact: 11/26/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 05/06/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/07/2024	Telephone: 508-767-2781
Date Made Active in Reports: 07/30/2024	Last EDR Contact: 08/06/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/18/2024
	Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report

Date of Government Version: 12/31/2022	Source: Massachusetts Emergency Management Agency
Date Data Arrived at EDR: 11/09/2023	Telephone: 508-820-2019
Date Made Active in Reports: 11/30/2023	Last EDR Contact: 10/03/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: Annually

TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 06/13/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/17/2024	Telephone: 617-292-5580
Date Made Active in Reports: 09/11/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Varies

UIC: Underground Injection Control Listing

A list of UIC registration data and their locations

Date of Government Version: 05/06/2024	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/07/2024	Telephone: 617-566-1172
Date Made Active in Reports: 05/21/2024	Last EDR Contact: 08/06/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/18/2024
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/05/2024
Date Data Arrived at EDR: 05/07/2024
Date Made Active in Reports: 08/01/2024
Number of Days to Update: 86

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/06/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EDIC LOT
38 AVENUE A
TURNERS FALLS, MA 01376

TARGET PROPERTY COORDINATES

Latitude (North): 42.609205 - 42° 36' 33.14"
Longitude (West): 72.55631 - 72° 33' 22.72"
Universal Tranverse Mercator: Zone 18
UTM X (Meters): 700449.6
UTM Y (Meters): 4720099.5
Elevation: 205 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 24185629 GREENFIELD, MA
Version Date: 2021

North Map: 24185619 BERNARDSTON, MA
Version Date: 2021

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

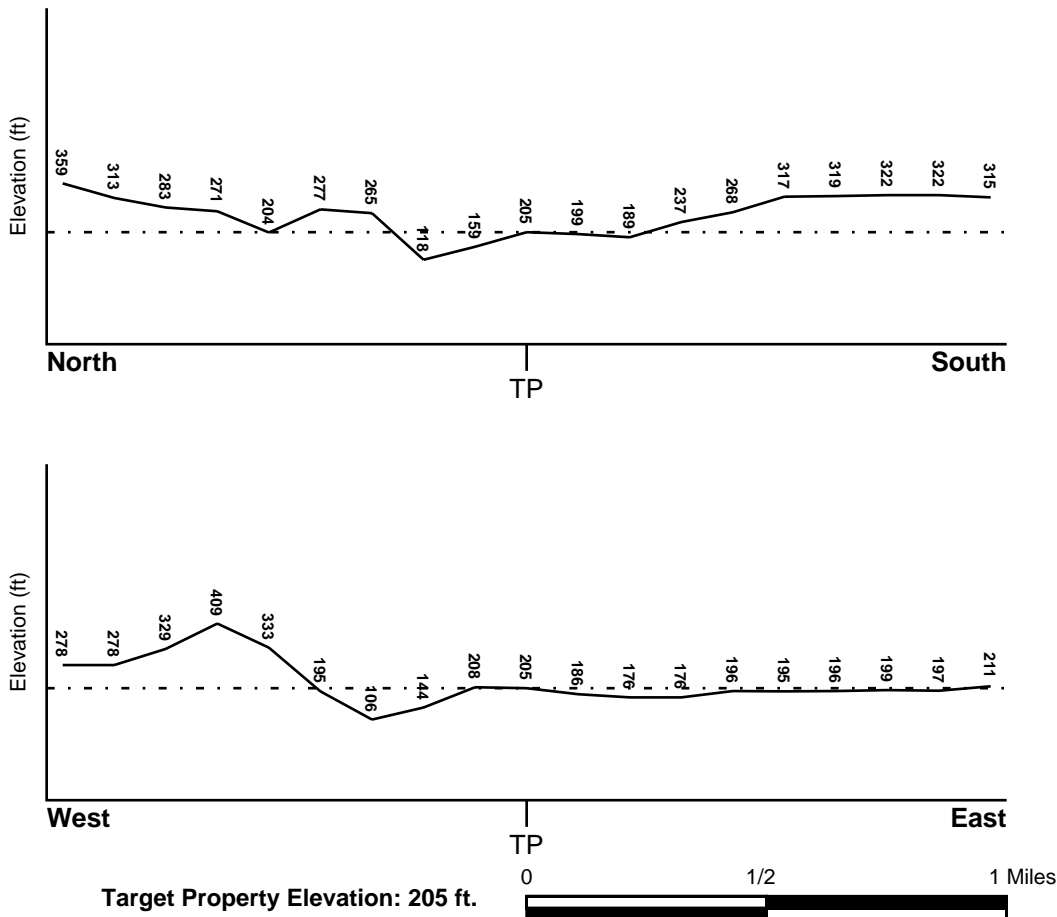
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

Not Reported

Additional Panels in search area: FEMA Source Type

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
GREENFIELD

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: WINDSOR

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	2 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
2	2 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
3	20 inches	65 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

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

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

Shallow Soil Types: loamy coarse sand
loamy sand
silt loam

Deeper Soil Types: stratified
sapric material

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

extremely gravelly - sand
coarse sand
silt loam

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000478712	1/4 - 1/2 Mile NW
3	USGS40000478684	1/2 - 1 Mile WNW
4	USGS40000478700	1/2 - 1 Mile ENE
5	USGS40000478619	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

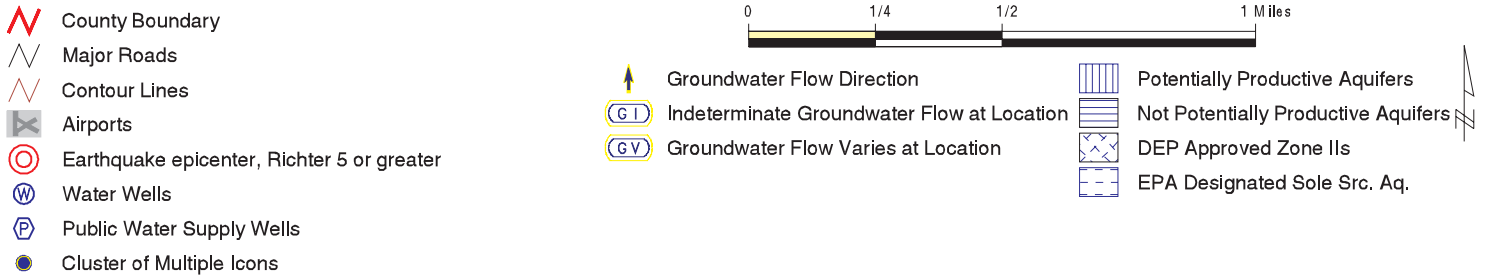
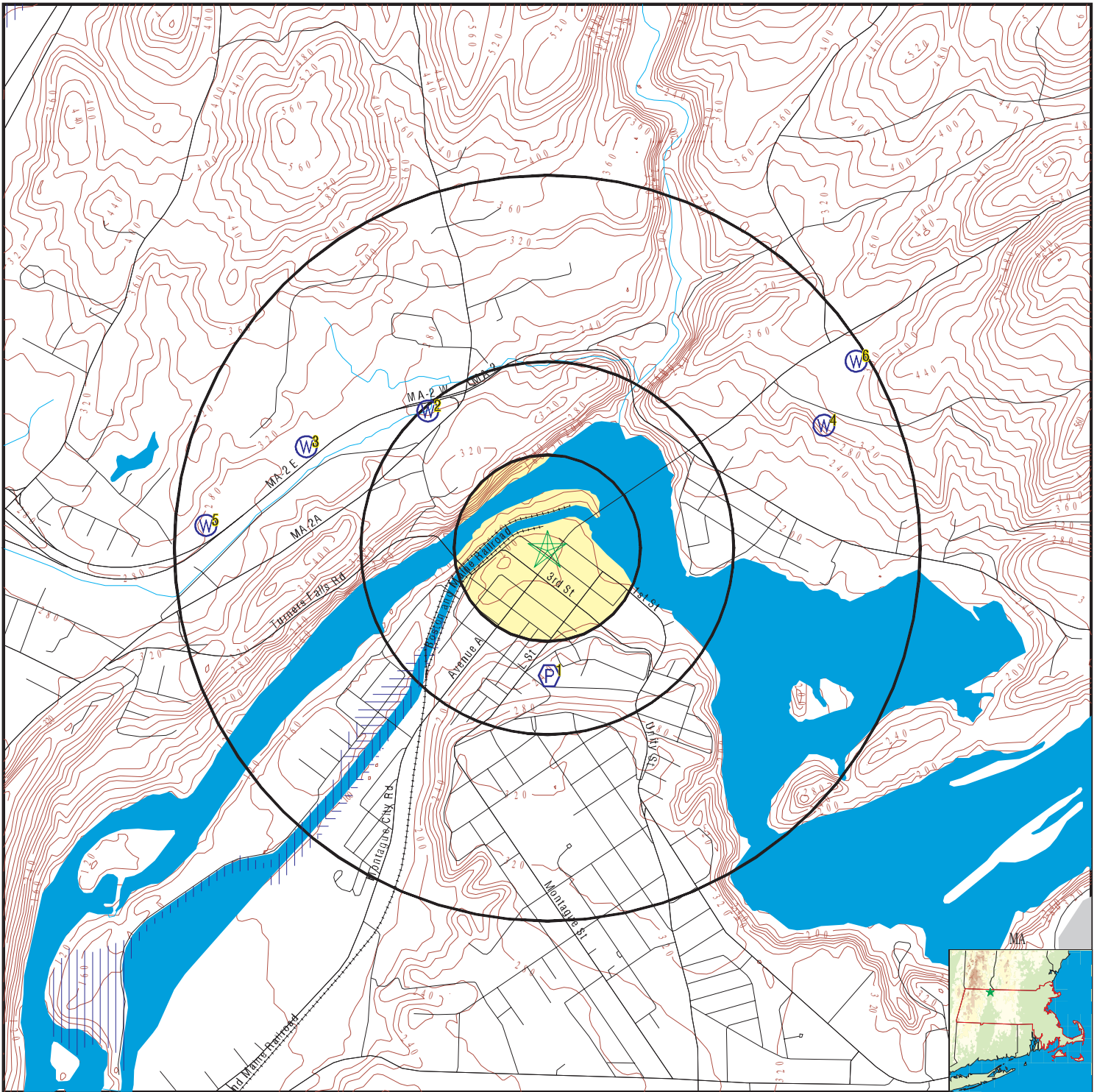
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MA1106006	1/4 - 1/2 Mile South

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	MA1100000000830	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 7793179.2s



SITE NAME: EDIC Lot
 ADDRESS: 38 Avenue A
 Turners Falls MA 01376
 LAT/LONG: 42.609205 / 72.55631

CLIENT: Weston and Sampson Engineers
 CONTACT: Melissa Davis
 INQUIRY #: 7793179.2s
 DATE: October 15, 2024 3:44 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
South
1/4 - 1/2 Mile
Higher

FRDS PWS MA1106006

Epa region:	01	State:	MA
Pwsid:	MA1106006	Pwsname:	BARTON COVE CAMPGROUND
Cityserved:	Not Reported	Stateserved:	MA
Ziperved:	Not Reported	Fipscounty:	25011
Status:	Active	Retpopsrvd:	120
Pwssvconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	GUS G BAKAS	Contactorgname:	FIRSTLIGHT HYDRO GENERATING CO
Contactphone:	4136594421	Contactaddress1:	C/O ENVIRONMENTAL MANAGER
Contactaddress2:	99 MILLERS FALLS ROAD	Contactcity:	NORTHFIELD
Contactstate:	MA	Contactzip:	01360
Pwsactivitycode:	A		
Pwsid:	MA1106006	Facid:	8
Facname:	BARTON COVE CHLORINATOR	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	not reported	Factypecode:	TP
PWS ID:	MA1106006	PWS type:	Mailing
PWS name:	NORTHEAST UTILITIES	PWS address:	P O BOX 117 RR 2
PWS address:	GILL	PWS city:	NORTHFIELD
PWS state:	MA	PWS zip:	013600000
PWS ID:	MA1106006	Activity status:	Active
Date system activated:	9003	Date system deactivated:	Not Reported
Retail population:	00000030	System name:	BARTON COVE CAMPGROUND
System address:	ROUTE 2	System address:	GILL
System city:	TURNERS FALLS	System state:	MA
System zip:	013760000		
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	423615	Longitude:	0723324
Violation id:	1	Orig code:	S
State:	MA	Violation Year:	2011
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2011
Cmp edt:	07/31/2011		
Violation id:	2	Orig code:	S
State:	MA	Violation Year:	2011
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2011
Cmp edt:	09/30/2011		
Violation id:	4	Orig code:	S
State:	MA	Violation Year:	2012
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2012
Cmp edt:	09/30/2012		
Violation ID:	1	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	03/07/2012
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	2	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	03/07/2012
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	4	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	10/22/2012
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	Not Reported	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	03/26/2012
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Not Reported		

2
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000478712

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-GRR 36	Type:	Well
Description:	Not Reported	HUC:	01080201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1961
Well Depth:	45	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

3
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40000478684

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-GRR 35	Type:	Well
Description:	Not Reported	HUC:	01080201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1961
Well Depth:	34	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

4
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000478700

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-GDW 2	Type:	Well
Description:	Not Reported	HUC:	01080201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	132	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

5
West
1/2 - 1 Mile
Higher

FED USGS USGS40000478619

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-GRR 34	Type:	Well
Description:	Not Reported	HUC:	01080201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1961
Well Depth:	37	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

6
ENE
1/2 - 1 Mile
Higher

MA WELLS MA110000000830

WELLS:

PWS Source ID:	1106009-01G
Site Name:	F M KUZMESKUS INC
PWS Type:	Transient Non-Community
DEP Region:	1
Zone II #:	0

DWP Water Quality Testing System (WQTS) Information:

Water Supplier Name:	F M KUZMESKUS INC
Source Name:	WELL #1
Water Supplier Status:	Active
Source Status:	Active
Source Classification:	Transient Non Community
Source Availability:	ACTIVE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

County	% of sites > 4 pCi/L	Median
FRANKLIN	23	1.6

Federal EPA Radon Zone for FRANKLIN 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 FRANKLIN COUNTY, MA

Number of sites tested: 21

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	0.650 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.733 pCi/L	62%	38%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

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 Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Massachusetts Geographic Information System (MassGIS) Datalayers

Source: Executive Office of Environmental Affairs

Telephone:

Public Water Supply Database

Telephone:

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

Areas of Critical Environmental Concern

Telephone:

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

EPA Designated Sole Source Aquifers

Telephone:

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

Aquifers

Telephone:

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Non-Potential Drinking Water Source Areas

Telephone:

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

DEP Approved Zone IIs

Telephone:

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.\n - 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. \n- Additionally, a new source may not be on-line yet, but other, older wells may fall within its Zone II boundary.\n - Further, existing wells must have a Zone II delineated as a condition of receiving a water withdrawal permit under the Water Management Act.

OTHER STATE DATABASE INFORMATION

RADON

State Database: MA Radon

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

Area Radon Information

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

EPA Radon Zones

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

OTHER

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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EDIC Lot

38 Avenue A
Montague, MA 01376

Inquiry Number: 7796177.2S
October 23, 2024

EDR Environmental Lien and AUL Search 1980



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

EDR Environmental Lien and AUL Search 1980

The EDR Environmental Lien and AUL Search 1980 report provides results from a search of available land title records for environmental cleanup liens and other activity and use limitations (AULs), such as engineering controls and institutional controls.

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

- search for parcel number and/or legal description
- search for ownership information filed between 1980 and the most current publicly available date
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.
- search for publicly available environmental encumbering instrument(s) filed between 1980 and present
- provide a copy of any environmental encumbrance(s)
- provide a copy of the current deed when available

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

Property Archives, LLC researched and compiled the land title information contained in this EDR Environmental Lien and AUL Search 1980 report on behalf of EDR.



Property Archives

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EDR Environmental Lien and AUL Search 1980

TARGET PROPERTY INFORMATION

ADDRESS

EDIC Lot
38 Avenue A
Montague, MA, 01376

PROPERTY DESCRIPTION

Parcel ID: 04-0-0041

Current Owner: Montague Economic Development and Industrial Corporation

Legal Description: See attached Deed Exhibit.

FINDINGS SUMMARY

The following is a summary of information contained in the report. Additional details may be found in the Findings Detail section.

Parcel: 04-0-0041

Environmental Lien: Found Not Found

Other Activity and Use Limitations (AULs): Found Not Found

HISTORICAL CHAIN of TITLE FROM 1980

RECORDED	INSTRUMENT	GRANTEE	GRANTOR
September 21, 1990	2474/334	Montague Economic Development and Industrial Corporation	V.S.H. Realty, Inc.
February 12, 1974	1381/23	V.S.H. Realty, Inc.	W.D. Cows, Inc.

RESEARCH SOURCE(S)

The following research sources were reviewed from January 01, 1980, to October 16, 2024. Based on available information evaluated by the title search professional, the jurisdiction does not require a search of judicial records to identify environmental liens.

Source 1: Montague Township Assessor
Franklin County, MA

Source 2: Franklin County Registry of Deeds
Franklin County, MA

EDR Environmental Lien and AUL Search 1980

FINDINGS DETAIL

Parcel: 04-0-0041

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found Not Found

RECORD: Notice of Activity and Use Limitation
1ST PARTY: Montague Economic Development and Industrial Corporation
2ND PARTY: Montague Economic Development and Industrial Corporation
DATE EXECUTED: June 22, 2000
DATE RECORDED: June 23, 2000
BOOK / PAGE: 3640/292

RECORD: Order of Conditions
1ST PARTY: Montague Economic Development and Industrial Corporation
2ND PARTY: Montague
DATE EXECUTED: October 10, 2002
DATE RECORDED: July 08, 2003
BOOK / PAGE: 4333/206

MISCELLANEOUS DOCUMENTS

None

HISTORICAL CHAIN OF TITLE FROM 1980

Parcel ID: 04-0-0041

DEED TYPE: Order of Taking
GRANTEE: Montague Economic Development and Industrial Corporation
GRANTOR: V.S.H. Realty, Inc.
DATE EXECUTED: September 21, 1990
DATE RECORDED: September 21, 1990
BOOK / PAGE: 2474/334

EDR Environmental Lien and AUL Search 1980

DEED TYPE:	Deed
GRANTEE:	V.S.H. Realty, Inc.
GRANTOR:	W.D. Cows, Inc.
DATE EXECUTED:	February 12, 1974
DATE RECORDED:	February 12, 1974
BOOK / PAGE:	1381/23

EDR Environmental Lien and AUL Search 1980

CURRENT DEED EXHIBIT(S)

2474

334



1990 00010708

Bk: 2474 Pg: 334 Doc:TAKE
Page 1 of 3 09/21/1990 03:00PM

ORDER OF TAKING

The MONTAGUE ECONOMIC DEVELOPMENT AND INDUSTRIAL CORPORATION, (hereafter referred to as MEDIC), a public body public and corporate authorized pursuant to Chapter 121C of the General Laws of the Commonwealth of Massachusetts, as amended and Chapter 512 of the Acts of 1980, having its offices at Town Hall, Montague, Massachusetts, by virtue of the authority conferred by Chapter 121C, Section 5 (L) of the General Laws, does hereby take in fee for redevelopment purposes and to promote sound economic growth, in accordance with Chapter 79 of the General Laws, the land, with buildings thereon, located in Turners Falls, Montague, Franklin County, Massachusetts, bounded and described on Exhibit "A" attached hereto and made a part hereof.

SUPPOSED OWNERS:

V.S.H REALTY, INC.

Trees and structures, if any, upon the land are included in the taking.

Excepted from the rights herein taken by the MEDIC are all easements for wires, pipes, conduits, poles and other appurtenances for the conveyance of water, sewage, gas, oil, electricity and telephone communication now lawfully in or upon the premises hereby taken.

For damages sustained by reason of the aforesaid taking, and in accordance with the provisions of Chapter 79, Section 6 of the General Laws, as amended, awards have been made. The right is reserved to amend the award or to increase the amount of damages to be paid at any time prior to payment thereof for good cause shown.

All names of owners herein given, although supposed to be correct, are such only as to matter of opinion and belief.

SEE

BOOK 2554
PAGE 69

SEP 21 3 00 PM '90

SEE

BOOK 4333
PAGE 197

SEE

BOOK 4333
PAGE 206

2474

335

IN WITNESS WHEREOF, THE MEDIC has caused these presents to be executed in its name and behalf by its hereunto duly authorized 21st who does set his hand this SEVENTEEN day of September, 1990.

MONTAGUE ECONOMIC DEVELOPMENT
AND INDUSTRIAL CORPORATION

BY *Sara L. Campbell*
Duly Authorized

Approved:
Department of Environmental
Management

By *Richard E. Kendall*
Richard Kendall, Commissioner

0115L

2474

336

EXHIBIT A

DESCRIPTION OF PROPERTY

Beginning at a point on the north line of Avenue A, said point also being on the east line of Second Street; thence proceeding N. $51^{\circ} 44' 38''$ W. a distance of one hundred thirty-nine and sixty one-hundredths (139.60) feet to a point; thence proceeding N. $38^{\circ} 15' 22''$ E. a distance of one hundred ten and no one-hundredths (110.00) feet to a point, this last course being along land now or formerly of Edwin A. Gillespie, Jr.; thence proceeding S. $51^{\circ} 44' 38''$ E. a distance of one hundred thirty-nine and sixty one-hundredths (139.60) feet to a point on the north line of said Avenue A land now or formerly of Western Massachusetts Electric Company; thence proceeding S. $38^{\circ} 15' 22''$ W. a distance of one hundred ten and no one-hundredths (110.00) feet to a point, being the place of beginning. Containing by estimation fifteen thousand three hundred fifty-six (15,356) square feet.

Subject to a twenty (20') foot right of way to Edwin A. Gillespie, Jr. by deeds recorded in the Franklin County Registry of Deeds Book 1193, Page 478, Book 1193, Page 481, Book 1193, Page 484.

Being Parcel Two of plan of land entitled "Turners Falls Heritage Park in Montague, Massachusetts surveyed for the Commonwealth of Massachusetts Department of Environmental Management" dated July 25, 1985. Almer B. Huntley Jr. & Associates, Inc., surveyors, 127 Pleasant Street, Northampton, Massachusetts, to be recorded in the Franklin County Registry of Deeds.

Being the same premises conveyed to V.S.H. Realty, Inc. by deed dated February 12, 1974 and recorded in Franklin County Registry of Deeds, Book 1331, Page 23.

ATTEST: FRANKLIN COUNTY, MASS. Walter T. Kostanski, Jr., Register

EDR Environmental Lien and AUL Search 1980

OTHER ACTIVITY AND USE LIMITATIONS (AULs) EXHIBIT



2000 00007372

3640

Bk: 3640 Pg: 292 Doc:NOTE
Page 1 of 5 06/23/2000 01:25PM

292

Form 1075

310 CMR 40.1099

Form 1075

(CONFIRMATORY) NOTICE OF ACTIVITY AND USE LIMITATION

M.G.L. c. 21E, § 6 and 310 CMR 40.0000

Disposal Site Name: Great Falls Discovery Center
DEP Release Tracking No.(s): RTN 1 - 00494

This Notice of Activity and Use Limitation is made as of this 22 day of June, 2000, by Sara E. Campbell (Name and address of property owner(s)), together with his/her/its/their successors and assigns (collectively "Owner").

38 Avenue A
Turners Falls, MA
01376

WITNESSETH:

WHEREAS, Montague Economic Development & Industrial Corporation, is the owner in fee simple of that certain parcel of land located in Turners Falls, Franklin County, Massachusetts [with the buildings and improvements thereon], pursuant to a deed recorded with the Franklin County Registry of Deeds in Book 2366, Page 337.

WHEREAS, said parcel(s) of land, which is more particularly bounded and described in Exhibit A, attached hereto and made a part hereof ("Property") is subject to this Notice of Activity and Use Limitation. The Property is shown on a plan registered herewith survey plan prepared by Huntley Associates, dated March 19, 1991.

[WHEREAS, a portion of the Property is subject to this Notice of Activity and Use Limitation. The Portion of the Property is more particularly bounded and described in Exhibit A-1, attached hereto and made a part hereof. The Portion of the Property is shown on a sketch plan attached hereto and filed herewith for registration;

WHEREAS, the Portion of the Property comprises part of a disposal site as the result of a release of oil and/or hazardous material. Exhibit B is a sketch plan showing the relationship of the Portion of the Property subject to this Notice of Activity and Use Limitation to the boundaries of said disposal site existing within the limits of the Property and to the extent such boundaries have been established. Exhibit B is attached hereto and made a part hereof; and

WHEREAS, one or more response actions have been selected for [the Disposal Site][Portion of the Disposal Site] in accordance with M.G.L. c. 21E ("Chapter 21E") and the Massachusetts Contingency Plan, 310 CMR 40.0000 ("MCP"). Said response actions are based upon (a) the restriction of human access to and contact with oil and/or hazardous material in soil [and/or groundwater] and/or (b) the restriction of certain activities occurring in, on, through, over or under the Portion of the Property. The basis for such restrictions is set forth in an Activity and Use Limitation Opinion ("AUL Opinion"), dated June 9, 2000, (which is attached hereto as Exhibit C and made a part hereof);

The language in these forms are part of promulgated regulations and cannot be modified in any way unless so noted (by brackets []) in the form itself.

2000 JUN 23 PM 1:25

3640

Form 1075

310 CMR 40.1099

293

NOW, THEREFORE, notice is hereby given that the activity and use limitations set forth in said AUL Opinion are as follows:

1. Activities and Uses Consistent with the AUL Opinion. The AUL Opinion provides that a condition of No Significant Risk to health, safety, public welfare or the environment exists for any foreseeable period of time (pursuant to 310CMR 40.0000) so long as any of the following activities and uses occur on the [Portion of the Property]:

(i) The AUL area is used for parking and access point to the Great Falls Discovery Center;

(iii) Such other activities or uses which, in the Opinion of an LSP, shall present no greater risk of harm to health, safety, public welfare or the environment than the activities and uses set forth in this Paragraph; and

(iv) Such other activities and uses not identified in Paragraph 2 as being Activities and Uses Inconsistent with the AUL.

2. Activities and Uses Inconsistent with the AUL Opinion. Activities and uses which are inconsistent with the objectives of this Notice of Activity and Use Limitation, and which, if implemented at the Portion of the Property, may result in a significant risk of harm to health, safety, public welfare or the environment or in a substantial hazard, are as follows:

(i) Excavation and construction activities that disrupt the existing paved parking area and concrete sidewalks;

3. Obligations and Conditions Set Forth in the AUL Opinion. If applicable, obligations and/or conditions to be undertaken and/or maintained at the Portion of the Property to maintain a condition of No Significant Risk as set forth in the AUL Opinion shall include the following:

(i) Maintain the integrity and condition of the paved parking area and concrete sidewalks;

4. Proposed Changes in Activities and Uses. Any proposed changes in activities and uses at the Portion of the Property which may result in higher levels of exposure to oil and/or hazardous material than currently exist shall be evaluated by an LSP who shall render an Opinion, in accordance with 310CMR 40.1080 *et seq.*, as to whether the proposed changes will present a significant risk of harm to health, safety, public welfare or the environment. Any and all requirements set forth in the

The language in these forms are part of promulgated regulations and cannot be modified in any way unless so noted (by brackets []) in the form itself.

3640

294

Form 1075

310 CMR 40.1099

Opinion to meet the objective of this Notice shall be satisfied before any such activity or use is commenced.

5. Violation of a Response Action Outcome. The activities, uses and/or exposures upon which this Notice is based shall not change at any time to cause a significant risk of harm to health, safety, public welfare, or the environment or to create substantial hazards due to exposure to oil and/or hazardous material without the prior evaluation by an LSP in accordance with 310 CMR 40.1080 *et seq.*, and without additional response actions, if necessary, to achieve or maintain a condition of No Significant Risk or to eliminate substantial hazards.

If the activities, uses, and/or exposures upon which this Notice is based change without the prior evaluation and additional response actions determined to be necessary by an LSP in accordance with 310 CMR 40.1080 *et seq.*, the owner or operator of the [Property] [Portion of the Property] subject to this Notice at the time that the activities, uses and/or exposures change, shall comply with the requirements set forth in 310 CMR 40.0020.

6. Incorporation Into Deeds, Mortgages, Leases, and Instruments of Transfer. This Notice shall be incorporated either in full or by reference into all future deeds, easements, mortgages, leases, licenses, occupancy agreements or any other instrument of transfer, whereby an interest in and/or a right to use the Property or a portion thereof is conveyed.

Owner hereby authorizes and consents to the filing and recordation and/or registration of this Notice, said Notice to become effective when executed under seal by the undersigned LSP, and recorded and/or registered with the appropriate Registry of Deeds and/or Land Registration Office(s).

The language in these forms are part of promulgated regulations and cannot be modified in any way unless so noted (by brackets []) in the form itself.

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295

EXHIBIT A-1**AUL Area**

A certain parcel of land in Montague, Franklin County, Massachusetts, known as the Activity and Use Limitation (AUL) area, within the parcel known as Turners Falls Heritage Park, shown on plan entitled "Turners Falls Heritage Park in Montague, Massachusetts" dated July 14, 1989 by Almer Huntley, Jr. & Associates, Inc., lying north of 2nd St., an 1870 layout, and west of Avenue 'A', a 1937 State Highway layout, and more particularly the AUL area is bounded and described as follows:

Beginning at a Railroad Spike found flush in the pavement on the northerly side of 2nd St., said spike being N53°17'02"W a distance of 139.60 feet from the point marking the intersection of the northerly sideline of said 2nd St. and the westerly sideline of said Avenue 'A':

Thence along said northerly sideline of 2nd St. N53°17'02"W a distance of 305.58 feet to an unmarked point at land now or formerly of Western Massachusetts Electric Company:

Thence the following two courses along lands now or formerly of said Western Massachusetts Electric Company, N73°56'40"E a distance of 138.15 feet to an unmarked point, and S53°17'02"E a distance of 7.54 feet to an unmarked point:

Thence partly along lands now or formerly of said Western Massachusetts Electric Company and partly along land of the grantor herein, on a non-tangent curve to the right of radius 90.00 feet an arc length of 75.30 feet to a point, said point being S80°06'30"E a distance of 73.13 feet from the last mentioned point:

Thence the following three courses through land of the grantor herein, S53°17'02"E a distance of 134.21 feet to an unmarked point, easterly, southeasterly, and southerly on a curve to the right of radius 15.00 feet an arc length of 23.56 feet to a point, and S36°42'58"W a distance of 128.00 feet to the Point of Beginning.

The parcel described above contains 35,351 square feet.


3640

296

Form 1075

310 CMR 40.1099

WITNESS the execution hereof under seal this 23rd day of June, 2000

Ara E Campbell
[Name of Owner] for E.O.C.


[COMMONWEALTH OF MASSACHUSETTS]
[STATE OF Massachusetts]

Franklin County, ss

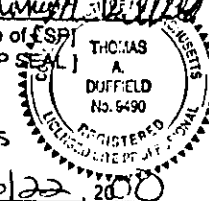
June 23, 2000

Then personally appeared the above-named Ara E Campbell and acknowledged the foregoing instrument to be [his][her] free act and deed before me.

Barbara L. Graves
Notary Public: BARBARA L. GRAVES
My Commission Expires: 1-22-04

The undersigned LSP hereby certifies that he executed the aforesaid Activity and Use Limitation Opinion attached hereto as Exhibit C and made a part hereof and that in his Opinion this [Confirmatory] Notice of Activity and Use Limitation is consistent with the terms set forth in said Activity and Use Limitation Opinion.

Date: June 22, 2000

Thomas A. Duffield
[Name of LSP]
[LSP SEAL] THOMAS A. DUFFIELD No. 6490

6/22, 2000

[COMMONWEALTH OF MASSACHUSETTS]
[STATE OF Massachusetts]

Co. of fr ss
State of mass

Then personally appeared the above named Thomas A Duffield and acknowledged the foregoing instrument to be [his][her] free act and deed before me.

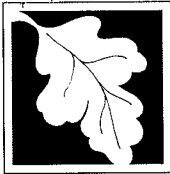
Linda Ackerman
Notary Public:
My Commission Expires: 11/20/2006

Upon recording, return to:

(Name and Address of Owner)

The language in these forms are part of promulgated regulations and cannot be modified in any way unless so noted (by brackets []) in the form itself.

ATTEST: FRANKLIN COUNTY, MASS. H. Peter Wood, Register



4333 206

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

229-193

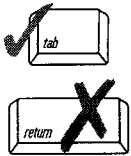
Provided by DEP

Montague File #

NOI 08-02

A. General Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



From:

Montague
Conservation Commission



Bk: 4333 Pg: 206 Page: 1 of 9
Recorded: 07/08/2003 02:06 PM

This issuance is for (check one):

- Order of Conditions
- Amended Order of Conditions

To: Applicant:

Montague Economic Development & Industrial Corp.
Name
50 Avenue A
Mailing Address
Montague MA 01376
City/Town State Zip Code

Property Owner (if different from applicant):

Town of Montague
Name
1 Ave A
Mailing Address
Turners Falls, MA 01376
City/Town State Zip Code

1. Project Location:

38 Avenue A Montague
Street Address City/Town
4 1, 2, 40, 41, 44 280
Assessors Map/Plat Number Parcel/Lot Number

2. Property recorded at the Registry of Deeds for:

County	Book	Page
<u>Franklin</u>	<u>See attached list</u>	
	<u>2273</u>	<u>53</u>
Certificate (if registered land)	<u>1107</u>	<u>230</u>
	<u>2359</u>	<u>238</u>
3. Dates:	<u>2474</u>	<u>334</u>
<u>8/30/02</u>	<u>10/10/02</u>	<u>10/11/02</u>
Date Notice of Intent Filed	Date Public Hearing Closed	Date of Issuance
	<u>2366</u>	<u>340</u>
	<u>2366</u>	<u>337</u>

4. Final Approved Plans and Other Documents (attach additional plan references as needed):

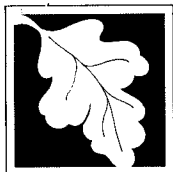
Great Falls Discovery Center, Turners Falls, Massachusetts, Notice of Intent Submission August 30, 2002
Title – 4 sheets, see below Date
Sheet 1: Existing Conditions and Demolition Plan; Sheet 2: Grading, Drainage and Utilities Plan
Sheet 3: Site Details; Sheet 4: Determination of 200' Riverfront Area Date
Drainage Analysis and Report
Proposed Stormwater Management System Operation & Maintenance Plan Date

5. Final Plans and Documents Signed and Stamped by:

N/A
Name

6. Total Fee:

N/A
(from Appendix B: Wetland Fee Transmittal Form)



4333 207

Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 5 – Order of Conditions
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:
 229-193
 Provided by DEP
 Montague File #
 NOI 08-02

B. Findings

Findings pursuant to the Massachusetts Wetlands Protection Act:

Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act. Check all that apply:

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Public Water Supply | <input checked="" type="checkbox"/> Land Containing Shellfish | <input checked="" type="checkbox"/> Prevention of Pollution |
| <input checked="" type="checkbox"/> Private Water Supply | <input checked="" type="checkbox"/> Fisheries | <input checked="" type="checkbox"/> Protection of Wildlife Habitat |
| <input checked="" type="checkbox"/> Groundwater Supply | <input checked="" type="checkbox"/> Storm Damage Prevention | <input checked="" type="checkbox"/> Flood Control |

Furthermore, this Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

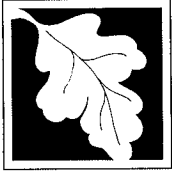
- the following conditions which are necessary, in accordance with the performance standards set forth in the wetlands regulations, to protect those interests checked above. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

Denied because:

- the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations to protect those interests checked above. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect these interests, and a final Order of Conditions is issued.
- the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).

General Conditions (only applicable to approved projects)

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.



WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

229-193

Provided by DEP

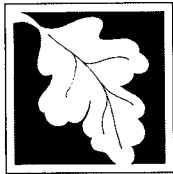
Montague File #

NOI 08-02

B. Findings (cont.)

4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
 - a. the work is a maintenance dredging project as provided for in the Act; or
 - b. the time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order.
6. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.
7. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
8. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to this Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.
9. A sign shall be displayed at the site not less than two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MA DEP"]
"File Number 229-193"
10. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before DEP.
11. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
12. The work shall conform to the plans and special conditions referenced in this order.
13. Any change to the plans identified in Condition #12 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
14. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.



WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Findings (cont.)

- 15. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.
- 16. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
- 17. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

See attached page 8

Findings as to municipal bylaw or ordinance

Furthermore, the _____ hereby finds (check one that applies):
Conservation Commission

- that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw specifically:

Municipal Ordinance or Bylaw

Citation

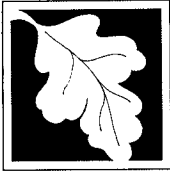
Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

- that the following additional conditions are necessary to comply with a municipal ordinance or bylaw, specifically:

Municipal Ordinance or Bylaw

Citation

The Commission orders that all work shall be performed in accordance with the said additional conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.



4333 210

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

229-193

Provided by DEP

Montague File #

NOI 08-02

B. Findings (cont.)

Additional conditions relating to municipal ordinance or bylaw:

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

October , 2002

Date

This Order must be signed by a majority of the Conservation Commission. The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office (see Appendix A) and the property owner (if different from applicant).

Signatures:

Mark E. Fairbrother
Deborah J. Picking
Louise LeGouis
Micky McKinley
David J. Petravage

On 10
Day

Of October 2002
Month and Year

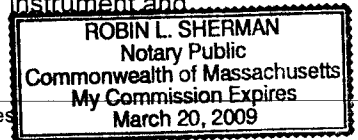
before me personally appeared

Mark Fairbrother, Micky McKinley, Deborah Picking, Louise LeGouis and David Petravage

to me known to be the person described in and who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed.

Robin L. Sherman
Notary Public

March 20, 2009
My Commission Expires



This Order is issued to the applicant as follows:

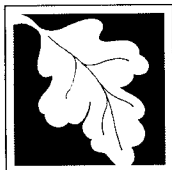
by hand delivery on

by certified mail, return receipt requested, on

October 11, 2002

Date

Date



WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

229-193

Provided by DEP

Montague File #

NOI 08-02

C. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate DEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Appendix E: Request of Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

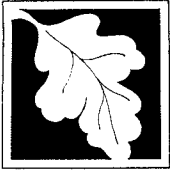
The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act, (M.G.L. c. 131, § 40) and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.

D. Recording Information

This Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on Page 7 of Form 5 shall be submitted to the Conservation Commission listed below.

Montague

Conservation Commission



4333 212

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number:

WPA Form 5 – Order of Conditions

229-193

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by DEP

Montague File #

NOI 08-02

D. Recording Information (cont.)

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To: Montague

Conservation Commission

Please be advised that the Order of Conditions for the Project at:

38 Ave A, Montague MA 229-193
Project Location DEP File Number
01376

Has been recorded at the Registry of Deeds of:

Franklin
County

2273
1107
2359
Book
2474
2366
2366

53
230
238
Page
334
340
337

for: Town of Montague

Property Owner

and has been noted in the chain of title of the affected property in:

4333 206
Book Page

In accordance with the Order of Conditions issued on:

10/11/02
Date

If recorded land, the instrument number identifying this transaction is:

14182
Instrument Number

If registered land, the document number identifying this transaction is:

Document Number

Signature of Applicant

Montague Conservation Commission

One Avenue A Turners Falls, MA 01376 (413) 863-3208 (413) 863-3222 (Fax)

WPA Form 5 – Order of Conditions

A. Applicant Information

Applicant: Montague Economic Development & Industrial Corp.
 Address: 50 Avenue A, Turners Falls, MA 01376
 Project Site: 38 Avenue A

DEP File # 229-193
 Montague File # NOI 08-02
 Date Issued October 11, 2002

B. Additional Findings

1. The purpose of this project is redevelopment of a historic industrial property for use as a museum and interpretive center.
2. The project site is bordered by the Connecticut River and an active power canal. Work is proposed in the buffer zone to the canal. Work proposed in the Riverfront Area consists of installation of a guardrail on top of an existing concrete and stone wall and improvements in the drainage system, which outlets to the Riverfront Area.
3. The applicant has presented information documenting the failure of the current drainage system on the site to protect resource areas.
4. The proposed stormwater management system will result in increased protection of resource areas compared to current conditions.
5. According to a letter from the Natural Habitat and Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries and Wildlife, this project is near the actual habitat of the Creeper mussel (*Strophitus undulatus*) and the Triangle Floater (*Alasmidonta undulata*). These two species of mussels are state-protected as species of "special concern" pursuant to the Massachusetts Endangered Species Act. The survival of these species depends upon clean, clear water. As a result, prevention of siltation or sedimentation of the canal and river during and after construction is critical. Special Conditions recommended by NHESP staff have been incorporated into this Order, below.

C. Additional Conditions

1. Any work in resource areas not described in approved plans shall require additional written approval from the Conservation Commission through a Determination of Applicability or an amended or new Order of Conditions.
2. A copy of this Order of Conditions shall be included in the bid specifications for the project.
3. A copy of this Order shall be provided to the contractor(s) prior to commencement of the project. The contractor shall read these conditions and communicate them to his/her employees. The contractor may be held jointly responsible with the applicant for violations of this Order and/or the Wetlands Protection Act.
4. The applicant shall designate an Environmental Monitor, independent of the contractor, who will be responsible for inspecting erosion and sediment control measures during construction, in addition to before and after rain events, until the site is stabilized. The Environmental Monitor shall verify the proper locations and installation of erosion and sediment control measures and shall have the authority to halt construction for erosion and sediment control purposes. The applicant shall provide the Commission with the name and a phone number for the Environmental Monitor.
5. A representative of the Commission shall be included in a preconstruction meeting with the Environmental Monitor, and the construction supervisor prior to the start of construction.
6. Erosion controls shall be installed according to approved plans prior to the commencement of excavation, fill or any other activity with the potential to impact wetland resource areas.
7. Applicant shall notify the Commission following installation of erosion controls and 48 hours before commencing site work on the project.
8. An adequate stockpile of erosion control materials shall be kept on site for emergency or routine repairs.
9. The Commission reserves the right to require additional erosion controls or storm damage prevention controls if deemed necessary by the Department of Environmental Protection or the Commission.
10. All exposed slopes shall be immediately stabilized with erosion control mats or mulch in order to prevent siltation of the canal or river. Erosion and sedimentation controls shall be removed and properly disposed of after the project is completed and disturbed areas are stabilized.
11. Areas disturbed near the canal and river shall be seeded or planted using non-invasive native species. A list of invasive species that shall not be planted on site will be supplied by the Commission.

4333 214

12. Supplies for cleanup of oil, gasoline and other hazardous materials to be used during the project shall be kept onsite at all times. Spills of hazardous material shall be reported immediately to the Department of Environmental Protection and the Commission and cleaned up in accordance with DEP guidelines.
13. Following construction, paved surfaces shall be swept annually in the spring to reduce runoff of sediment into the stormwater management system. This is a perpetual condition.
14. The stormwater treatment system shall be inspected at least once annually and cleaned as often as necessary. This is a perpetual condition.

ATTEST: FRANKLIN COUNTY, MASS. H. Peter Wood, Register

Appendix J:
Local Records

✓ *File*

**TOWN OF MONTAGUE
BUILDING PERMIT**

DATE May 20, 2004 PERMIT NO. #04-111

APPLICANT Gill/Montague Regional School Dist./PTO

(CONTR'S LICENSE)

ADDRESS 38 Avenue A, Turners Falls, MA

PERMIT TO Erect (TYPE OF IMPROVEMENT) (1) STORY NO. Temporary Tent (PROPOSED USE)

NUMBER OF DWELLING UNITS (0)

AT (LOCATION) 38 Avenue A, Turners Falls, MA
(NO.) (STREET)

ZONING DISTRICT CB

MAP 04 LOTS 0041 LOT SIZE 0.35 A

CONSTRUCTION TYPE _____ USE GROUP U BASEMENT WALLS OR FOUNDATION _____

BUILDING/ADDITION IS TO BE: 40 FT. WIDE BY 40 FT. LONG BY _____ FT. IN HEIGHT AND SHALL CONFORM IN CONSTRUCTION

REMARKS: Temporary tent to be use in the celebration of the Town's 250th

ESTIMATED COST \$0.00 FEE waived

CASH CHECK

OWNER Gill/Montague Regional School Dist./PTO BUILDING DEPT.

ADDRESS 35 Crocker Ave., Turners Falls, MA BY _____

David Jensen



INSPECTOR OF BUILDINGS
TOWN OF MONTAGUE
One Avenue A
Turners Falls, MA 01376
APPLICATION FOR PERMIT TO BUILD

#04-111

CR # 5859
830'

To the Inspector of Buildings:

The undersigned hereby applies for a permit to build according to the following specifications:

- New Building Addition Renovation

Location of Building No. 38 Street Avenue A Map 84 Lot 0041
 [will go up 5/22/09 afternoon hopefully] FOR 5/22/09 TENT 903

0.35 CB

Owner _____ Phone _____
 Owner address _____ Signature _____

Gill-Montague RSD School sponsored event

Purpose or use of building _____ Use Group _____

1. Builder _____ LIC.# _____
 address _____ REG.# _____
 Architect _____ REG.# _____
 Engineer _____ REG.# _____

2. Area of lot _____ Frontage _____ Zone _____
 Distance to lot lines: Street line _____ Right _____ Left _____ Rear _____
 Distance to streams _____ or Wetlands _____
 Nearest building is _____ feet in a _____ direction

3. Size of - building - front 40 ft. by 40 ft. deep
 _____ or addition _____ ft. by _____ ft.
 number of stories _____; height _____ ft.

4. Principal structural material(s): _____ Construction Type _____
 soil conditions - undisturbed _____ fill _____ footings and foundation _____
 exterior walls _____ floors _____
 roof frame _____

5. The roof will be - flat pitched mansard hip gambrel
 Material of roof covering _____

6. Type(s) of HVAC system(s): _____
 Fuel _____; Type of chimney or vent _____; wood/coal stove? _____

7. Will additional sewage disposal capacity be required? _____

8. The water supply for this building is; _____

9. The debris resulting from this work shall be disposed of at; _____ which is a properly licensed solid waste disposal facility as required by MGL.

10. Will this building require other permits or approvals? _____ (see p2)

11. Estimated cost (must be filled out) _____

Additional Remarks

Temporary Tent for school sponsored 250th Montague
 celebration - "Old Times Celebration"

Maie Bault ^{family activities} Colton - parent Date 5/20/09
 Signature of Applicant/Agent of Owner

367-9566 home 773-3608 work

**Specifications for Frame Construction
Heated Residential Buildings**

FOUNDATION

Piers (all piers must be frost protected)
 size _____ x _____ x _____ thick material _____
 Footings (all footings must be 4 feet below finish grade)
 width _____ x _____ thick material _____
 Foundation Walls
 height _____ x _____ thick material _____
 min grade clearance _____ max height of unbalanced fill _____
 Slabs
 thickness _____ location _____ material _____
 Dampproofing method _____
 Foundation drainage _____

FRAME

Species and grade of framing lumber _____ Metal frame Y/N _____
 Columns
 cross section _____ type _____ spacing _____ height _____
 Carrying Beams
 dimensions _____ x _____ x _____ laminations max span _____
 material _____ size & weight (if steel) _____
 Joists-1st floor (40 lb/sq ft design minimum)
 dimensions _____ x _____ span _____ o/c _____
 Joists-2nd floor (30 lb/sq ft design minimum)
 dimensions _____ x _____ span _____ o/c _____
 Engineered Wood Products (manufacturers specs or eng. design required)
 type & application _____ brand _____
 Joists-Ceiling Attic
 dimensions _____ x _____ span _____ o/c _____
 Attic access _____ (design min 22" x 30")
 Walls
 exterior studding dimension _____ x _____ height _____ o/c _____
 bearing studding dimension _____ x _____ height _____ o/c _____
 non-bearing studs dimension _____ x _____ height _____ o/c _____
 Headers
 dimensions _____ x _____ x _____ laminations max span _____
 other _____
 Roof
 pitch _____ in _____ other _____
 Rafters
 dimensions _____ x _____ horizontal span _____ o/c _____
 other _____
 Trusses (furnish engineering design)
 max span _____ o/c _____
 Sheathing
 exterior walls _____
 1st floor _____
 2nd floor _____
 attic floor _____
 roof _____
 interior walls _____
 vapor barrier walls _____ ceiling(s)? _____

(over)

HOME OWNER LICENSE EXEMPTION
and/or
CONTRACTOR REGISTRATION

This form must be submitted with applications for residential work.

The license exemption for a HOME OWNER applies only for permitted work on owner-occupied one and two family dwellings and farm structures. The exemption allows such home owner to obtain Building Permits, perform construction, and engage individuals for hire who may not be registered or possess a supervisors license, provided that the owner acts as supervisor. The Home Owner, acting as supervisor, is then fully responsible for the project and compliance with the State Building Code.

The undersigned Home Owner assumes responsibility for compliance with the State Building Code and all work performed under the building permit which includes compliance with all other applicable codes, by-laws, rules and regulations, and there respective inspection procedures.

Notice to Home Owners engaging others for hire

OWNERS PULLING THEIR OWN PERMIT ON BEHALF OF A CONTRACTOR OR WHO ENGAGE UNREGISTERED CONTRACTORS FOR APPLICABLE HOME IMPROVEMENT WORK DO NOT HAVE ACCESS TO THE ARBITRATION PROGRAM OR GUARANTY FUND UNDER MGL c.142A.

MGL c. 142A requires that the reconstruction, alteration, renovation, repair, modernization, conversion, improvement, removal, demolition, or construction of an addition to any owner-occupied building of up to four dwelling units and to structures which are adjacent to such residence or building be done by registered (as opposed to licensed) contractors, with certain exceptions.

Notwithstanding the above notice, I hereby apply for a permit as the home owner of the above property:

HOME OWNER _____
Name Date

ADDRESS _____
Number Street Address Home Phone

OR;

CONTRACTOR AFFIDAVIT

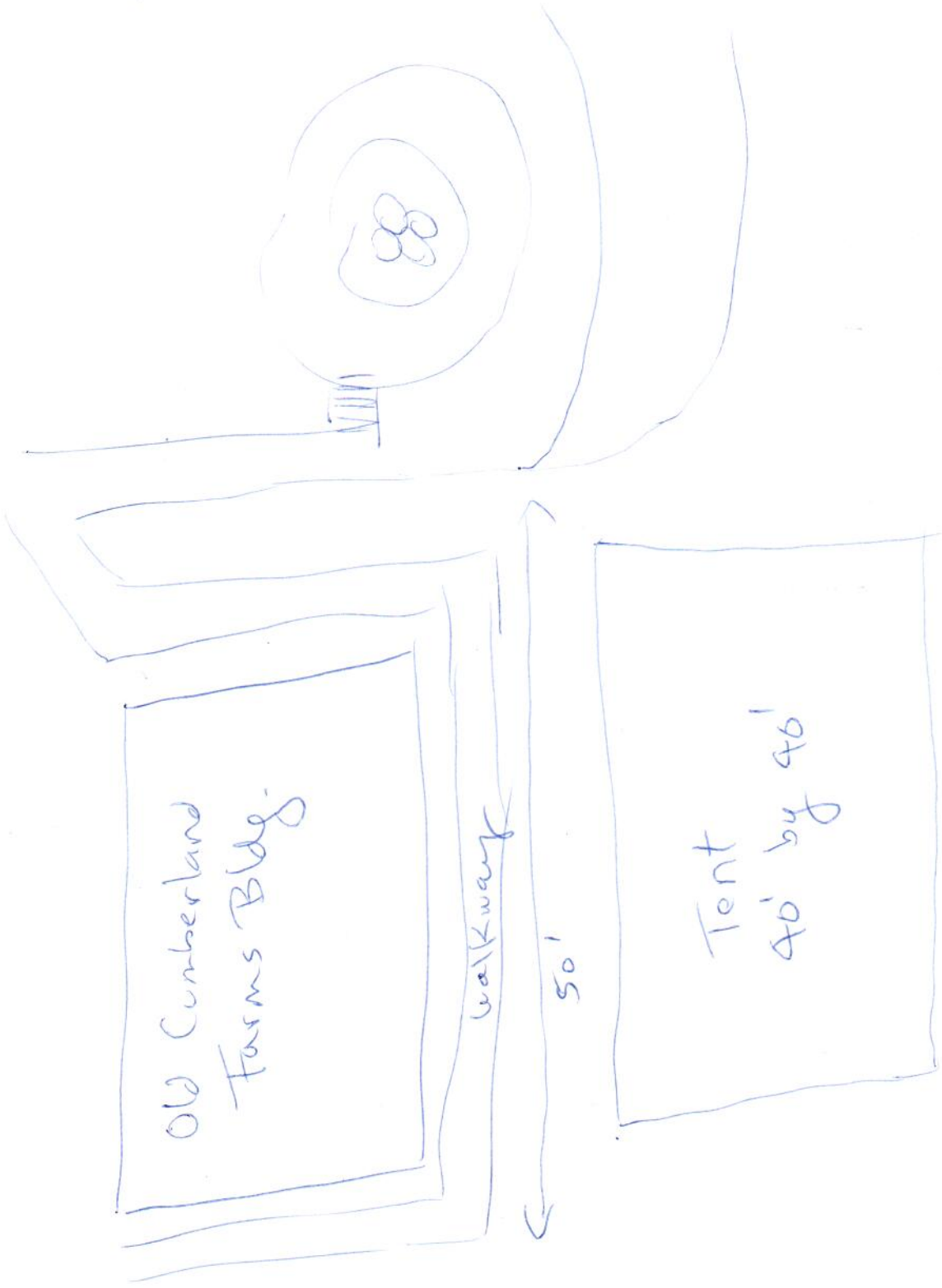
Pursuant to MGL c. 142A, Home Improvement Contractor Registration, I hereby apply for a permit as the agent of the above listed owner:

Contractor Name (as registered) Registration No.

Signed under penalties of perjury: Date _____

Contractor License No.

Discourse
Center





PERMIT PROJECT

FILE #: 23-000566

38 AVENUE A MONTAGUE MA 01376

MACHINE DEMOLITION OF 1-STORY COMMERCIAL STRUCTURE, INCLUDING SLAB, FOUNDATIONS, AND CONCRETE WALKWAY. USE WATER FOR DUST CONTROL VIA LOCAL HYDRANT. LIVE LOAD DEBRIS ONTO ABW TRAILERS, DISPOSE AT LICENSED FACILITY. BACKFILL DEPRESSION AND DISTURBED AREAS, LOAM AND SEED. JOB IS FOR TOWN OF MONTAGUE.



PERMIT #: DP23-000005

Permit Type
Demolition Permit

Subtype
Demolition ▼

Work Description:
Machine demolition of 1-story commercial structure, including slab, foundations, and concrete walkway. Use water for dust control via local hydrant. Live load debris onto ABW trailers, dispose at licensed facility. Backfill depression and disturbed areas, loam and seed. Job is for Town of ▲▼✎

Applicant
Associated Building Wreckers, Inc. - Andrew Mirkin ▼ ⋮

Status
Issued ▼

Valuation
0.00



FEES & PAYMENTS

Plan Check Fees 0.00

Permit Fees 0.00

Total Amount 0.00

Amount Paid 0.00

Balance Due 0.00

Non-Billable



PERMIT DATES

Application Date
07/28/2023

Approval Date
08/03/2023

Direction of Nearest Building
SW

Principal Structural Materials

___ Foundation
concrete

___ Exterior Walls
brick

___ Floors

___ Roof
built up

___ Roof Covering
rubber membrane

Roof Type

___ Flat

___ Pitched

___ Mansard

___ Hip

___ Gambrel

Type(s) of HVAC System(s)

Fuel(s)

Type of Chimneys or Vents

Will a sewage disposal system be disconnected
Yes

The water supply for the building
Public

The debris resulting from this work shall be disposed of in (properly licensed solid waste disposal facility as required by MGL)
USA Hauling & Recycling, 120 Old Boston Road, Wilbraham, MA

Will demolition require other permits or approvals
No

Associated Building Wreckers, Inc.

Highway Department

Request to abandon or disconnect from a Sewer Connection

District Fire Department

Permit to abandon alter or temporarily shut down any sprinkler system

Underground Oil Tank Removal Permit

Oil or Propane Storage Tank Removal (notification)

Conservation Commission

Request for Determination of Applicability; and/or

Notice of Intent (for work within 100 ft of wetlands)

OTHER

Describe Other

ADMINISTRATION ONLY

Construction without Permit

SUBMITTAL DOCUMENTS

Attach Demolition Permit Plot Plan

[plot plan from job spec.pdf](#)



Attach signed copy of Workmens Compensation Insurance Affidavit click here for form

[workers_comp_affidavit\(ABW\).pdf](#)



The undersign hereby applies for a permit to build according to the listed specifications

[signature.png](#)





TOWN OF MONTAGUE DEMOLITION PERMIT

DATE: 08/03/2023

PERMIT NO. DP23-000005

APPLICANT: Andrew Mirkin - Associated Building Wreckers, Inc.

:062382

ADDRESS: 352 Albany Street Springfield, MA 01105

EMAIL: demo@buildingwreckers.com

PERMIT TO: Demolition	STORIES: 1
PROPOSED USE:	
AT (LOCATION): 38 AVENUE A	ZONING DISTRICT: CB

MAP: 04

LOT: 0041

LOT SIZE: 0.35273

MASSACHUSETTS BUILDING CODE 9th EDITION (780 CMR)

CONSTRUCTION TYPE:

USE GROUP:

Work Description: Machine demolition of 1-story commercial structure, including slab, foundations, and concrete walkway. Use water for dust control via local hydrant. Live load debris onto ABW trailers, dispose at licensed facility. Backfill depression and disturbed areas, loam and seed. Job is for Town of Montague.

ESTIMATED COST: \$24,000.00

FEE: \$0.00

PAYMENTS

Date	Type	Reference	ReceivedFrom	Amount
	OWNER:	MONTAGUE ECONOMIC DEVELOPMENT AND INDUSTRIAL CORPORATION		Permit Approved by
	ADDRESS:	ONE AVENUE A TURNERS FALLS, MA 01376		<i>William Ketchen</i>

THIS PERMIT CONVEYS NO RIGHT TO OCCUPY ANY STREET, ALLEY OR SIDEWALK OR ANY PART THEREOF, EITHER TEMPORARILY OR PERMANENTLY, ENCROACHMENTS ON PUBLIC PROPERTY NOT SPECIFICALLY PERMITTED UNDER THE BUILDING CODE, MUST BE APPROVED BY THE JURISDICTION. THE ISSUANCE OF THE PERMIT DOES NOT RELEASE THE APPLICANT FROM THE CONDITIONS OR ANY OTHER APPLICABLE REGULATIONS, PERMITS OR APPROVALS.

THIS CARD MUST BE POSTED IN A VISIBLE LOCATION

INSPECTION TYPE	DATE	COMMENTS
PERMIT WILL BECOME NULL AND VOID IF CONSTRUCTION WORK IS NOT STARTED WITHIN SIX MONTHS OF DATE THE PERMIT IS ISSUED AS NOTED ABOVE.		INSPECTIONS INDICATED ON THIS CARD CAN BE ARRANGED FOR BY TELEPHONE AT (413) 863-3200 x206, OR BY WRITTEN NOTIFICATION.



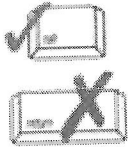
Asbestos Notification Form ANF-001

100197093

Decal Number

APR 22 2014

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



INSTRUCTIONS

1. All sections of this form must be completed in order to comply with DEP notification requirements of 310 CMR 7.15 and the Division of Occupational Safety (DOS) notification requirements of 453 CMR 6.12

A. Asbestos Abatement Description

1. a. Is this facility fee exempt - city, town, district, municipal housing authority, owner-occupied residence of four units or less? Yes No

b. Provide blanket decal number if applicable:

Blanket Decal Number

2. Facility Location:

VACANT PROPERTY

a. Name of Facility

TURNERS FALLS

c. City/Town

MA

d. State

38 AVENUE A

b. Street Address

01376

e. Zip Code

4138633200

f. Telephone Number

3. Worksite Location:

VACANT PROPERTY

a. Building Name/Building Location

b. Building #

c. Wing

VARIOUS

d. Floor

VARIOUS

e. Room

4. Is the facility occupied? Yes No

5. Asbestos Contractor:

ACCUTECH INSULATION & CONTRACTING I

a. Name

LUDLOW

c. City/Town

01056

d. Zip Code

100 STATE STREET

b. Address

4135835500

e. Telephone Number

AC000005

f. DOS License Number

g. Contract Type: Written Verbal

WALTER RAMSEY

h. Facility Contact Person

STANLEY F. SLYSZ III

6. a. Name of On-Site Supervisor/Foreman

ATC ASSOCIATES, INC.

7. a. Name of Project Monitor

SCILAB

8. a. Name of Asbestos Analytical Lab

5/1/2014

9. a. Project Start Date (mm/dd/yyyy)

7AM-6PM

c. Work hours Mon-Fri.

PLANNER

i. Contact Person's Title

AS070429

b. Supervisor/Foreman DOS Certification Number

AA000005

b. Project Monitor DOS Certification Number

AA000162

b. Asbestos Analytical Lab DOS Certification Number

5/9/2014

b. End Date (mm/dd/yyyy)

N/A

d. Work hours Sat-Sun.

10. a. What type of project is this?

- Demolition
- Renovation
- Repair
- Other, please specify:

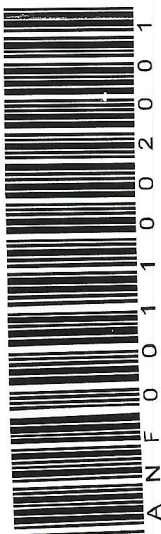
b. Describe

11. a. Check abatement procedures:

- Glove bag
- Encapsulation
- Enclosure
- Disposal only
- Cleanup
- Other, specify:
- Full containment

b. Describe

12. Is the job being conducted: Indoors? Outdoors?



Appendix K:

Other Environmental Records

SCANNED
1-494-88303
MONTAGUE

M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT

PROPOSED TURNERS FALLS HERITAGE STATE PARK

BRIDGE, FIRST AND SECOND STREETS

MONTAGUE, MASSACHUSETTS

-- PHASE I --

June 23, 1988

RECEIVED

DEC 29 1988

DEC 1
Western Region

Submitted to:

Montague Economic Development & Industrial Corporation
Town Hall
One Avenue A
Turners Falls, Massachusetts 01376



Commonwealth of Massachusetts
Executive Office of Environmental Affairs
Department of Environmental Management

RECEIVED

JUN 28 1988

225 Friend Street
Boston
Massachusetts 02114
617-727-3160

Town Hall, One Avenue A
Turners Falls, MA 01376

Region
Department of Environmental
Quality Engineering
(413) 863-8529

June 27, 1988

**Division of
Planning &
Development**

Kevin Sheehan
Unit Supervisor, 21-E Review
Division of Hazardous Waste
Massachusetts Department of Environmental Quality
Engineering
436 Dwight Street
Springfield, Massachusetts 01103

Dear Mr. Sheehan:

Enclosed are two copies of a 21-E report for your review which were prepared for the Department of Environmental Management in preparation for acquisition of land for the proposed Turners Falls Heritage State Park.

The report has found the occurrence of poly-nuclear-aromatics within the soil in a few of the test borings. As a result, it has been recommended that we provide this report for your review. The summary findings of the report indicate employing standard construction processes to minimize contaminant migration. As the designated project manager representing the Department of Environmental Management on this project, it is indeed our intent to follow these measures, and anticipate little disruption of the soil in the park development process in the effected areas.

I would like you to note that we are under a very tight schedule. Acquisition agreements of the affected parcels are presently on hold until resolution of the 21-E issues. We must proceed through the acquisition process prior to expiration of other preparatory studies and procedures such as appraisals and eminent domain proceedings. A timely review of the 21-E report will be most appreciated in this regard.

I am willing to meet with you regarding this information at any time in the near future. I will call to set an appointment. Thank you in advance for your assistance.

Sincerely:

Gary N. James
Heritage State Park Project Manager

SCANNED

ALMER HUNTLEY, JR. & ASSOCIATES, INC.

SURVEYORS - ENGINEERS - LANDSCAPE ARCHITECTS
P.O. Box 568 / 30 INDUSTRIAL DRIVE EAST / NORTHAMPTON, MASS. 01061
(413) 584-7444

ALMER HUNTLEY, JR., PE., RLS

DOUGLAS W. THOMPSON, RLS
WILLIAM R. GARRITY, LA
JOHN G. RAYMOND, PE

June 23, 1988

Mr. Gary N. James, Project Manager
Turners Falls Heritage State Park
Montague Economic Development
and Industrial Corporation
One Avenue A
Turners Falls, Massachusetts 01376

RE: M.G.L. Chapter 21-E Site
Investigation Phase I Report
Turners Falls Heritage State Park

Dear Mr. James:

In accordance with our April 18, 1988 contract, enclosed please find copies of M.G.L. Chapter 21-E Site Investigation Report, Proposed Turners Falls Heritage State Park, Bridge, First and Second Streets, Montague, Massachusetts, Phase I, June 23, 1988.

Two (2) copies of the report should be forwarded to Mr. Stephen F. Joyce, Deputy Regional Engineer, Division of Hazardous Waste, Massachusetts Department of Environmental Quality Engineering, 436 Dwight Street, Springfield, MA 01103 for review and approval under Chapter 21-E provisions as expeditiously as possible.

Please call the undersigned should any questions arise regarding this submittal.

Very truly yours,

ALMER HUNTLEY, JR. & ASSOCIATES, INC.



Mark W. Popham, R.S.
Project Manager

MWP:kmc
Enclosures

TURNERS FALLS HERITAGE STATE PARK
M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I
TABLE OF CONTENTS

	<u>PAGE</u>
1.0 PROPERTY HISTORY	1
1.1 Owners and Operators	1
1.2 Property Uses	7
1.3 Oil and Hazardous Materials	7
1.4 Record Search Information	12
1.5 Abutting and Adjacent Land Uses	13
2.0 PROPERTY DESCRIPTION	15
2.1 Location Description	15
2.2 General Physical Features	15
2.3 Oil and Hazardous Materials Sources	19
2.4 Summary of Potential Impacts of Release/Threat of Release	19
3.0 FIELD SAMPLING/SCREENING AND RESULTS	21
3.1 On-Site Field Screening	21
3.2 Field Sampling	21
3.3 Geophysical Investigations	27
4.0 SITE CLASSIFICATION	28
4.1 Physical Access	28
4.2 Free-Floating Oil and/or Hazardous Materials	28
4.3 Groundwater Contamination	28
4.4 Surface Water Contamination/Water Supplies	28
4.5 Surface Water Contamination/Recreational Areas	28
4.6 Threat of Fire and/or Explosion	28
4.7 Air Emissions	29
4.8 Human Food Chain	29
4.9 Site Investigation Outcome	29

TURNERS FALLS HERITAGE STATE PARK
M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I

TABLE OF CONTENTS

(continued)

	<u>PAGE</u>
5.0 SHORT-TERM MEASURES	31
6.0 ADDITIONAL RELEVANT INFORMATION	32
7.0 SUMMARY AND CONCLUSIONS	35
APPENDIX A - Soil Boring Logs	
APPENDIX B - Laboratory Analysis Data	
APPENDIX C - Underground Tank Location Data	
APPENDIX D - Magnetometer Survey Report	
APPENDIX E - On-Site Field/Screening Results	
APPENDIX F - Survey and Boring Locations/Parcel Locations	

1.0 PROPERTY HISTORY

1.1 Owners and Operators

Review of Franklin County Registry of Deeds files indicates the following recorded property ownership transfers to April 18, 1988:

Pioneer Litho, Second Street
Survey Map Parcel #1, Tract 1
Assessors Map + Lot # 4-280

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Edwin A. Gillespie	October 31, 1984	1823/175
Jeffrey C. Manning & E.A. Gillespie	July 1, 1975	1431/157
Joseph & Kathleen Williams	October 9, 1969	1248/153
International Fastener Research	August 9, 1969	1245/214
Cushman Bakery	March 15, 1966	1193/478 1193/481 1193/484
Jacob Plotkin, et al	May 31, 1929	747/339
William A. Davenport	July 1, 1920	661/196
Michael O'Keefe	September 1, 1908	546/38 & 41
Maurice & Michael O'Keefe	May 15, 1907	536/240
M. Riley	October 30, 1901	489/368
C & C Whitaker	October 13, 1891	419/94

Vacant Lot, Second Street
Survey Map Parcel #1, Tract 2
Assessors Map + Lot # 4-43

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Edwin A. Gillespie	October 31, 1984	1823/175

Vacant Lot, Second Street
Survey Map Parcel #1, Tract 2
Assessors Map + Lot # 4-43
(continued)

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Edwin A. Gillespie & Jeffrey C. Manning	October 31, 1982	1705/190
New England Forestry Foundation	(Will of E. Dorrance)	
Elizabeth Dorrance	March 9, 1970	1256/100
John R. Stone	April 5, 1966	1202/50
Town of Montague	September 10, 1963	1157/493
Irving Blassberg	July 18, 1948	904/375
Jacob Plotkin, et al	May 31, 1929	747/339
William A. Davenport	July 1, 1920	661/196
Michael O'Keefe	September 1, 1908	546/38 & 41
Maurice & Michael O'Keefe	May 15, 1907	536/240
M. Riley	October 30, 1901	489/368

Vacant Lot, Second Street
Survey Map Parcel #1, Tract 3
Assessors Map + Lot # 4-42

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Edwin A. Gillespie	October 31, 1984	1823/175
Edwin A. Gillespie & Jeffrey C. Manning	October 13, 1982	1705/188 (190?)
New England Forestry Foundation	(Will of E. Dorrance)	
Elizabeth Dorrance	February 27, 1970	1256/101, 102 & 103
John R. Stone	April 15, 1966	1202/49
Town of Montague (Tax Lien)	July 19, 1963	1157/486
Julius Blassberg	October 21, 1943	868/66

Vacant Lot, Second Street
Survey Map Parcel #1, Tract 3
Assessors Map + Lot # 4-42
(continued)

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Gussie Blassberg	October 21, 1933	801/71
Julius Blassberg	May 1, 1929	748/325
William A. Davenport	July 1, 1920	661/196
Michael O'Keefe	August 28, 1908	546/38 & 41
Maurice & Michael O'Keefe	May 15, 1907	536/240
M. Riley	October 30, 1901	489/368

Vacant Lot, Second Street
Survey Map Parcel #1, Tract 4
Assessors Map + Lot # 4-46

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Edwin A. Gillespie	October 31, 1984	1823/175
Edwin A. Gillespie & Jeffrey C. Manning	October 13, 1986	1705/190
New England Forestry Foundation	(Will of E. Dorrance)	
Elizabeth S. Dorrance	October 4, 1973	1368/28
Arline W. Benton	(Will of Richard Benton)	
Richard Benton	-----	1251/26
Inhabitants of Town of Montague (Tax Lien)	September 10, 1963	1157/485
Julius & Peter Blassverg	December 1, 1922	681/397
William A. Davenport	July 1, 1920	661/196
Michael O'Keefe	September 1, 1908	546/38 & 41
Maurice O'Keefe & Michael O'Keefe	May 15, 1907	536/240
M. Riley	October 30, 1901	489/368

Cumberland Farms, Second Street and Avenue A
 Survey Map Parcel #2
Assessors Map + Lot # 4-41

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
V.S.H. Realty	February 12, 1974	1381/23
W.D. Cowls, Inc.	July 28, 1966	1199/377, 380 & 382
Athol Investments)	May 5, 1955	1020/173
Bessie E. Plotkin) (Joint Interest)	January 7, 1956	1032/437
A. Wm. Plotkin)	July 24, 1935	835/382
Jacob Plotkin	May 31, 1929	747/339
Wm. A. Davenport	July 1, 1920	661/196
Michael J. O'Keefe	Sept./Aug. 1908	546/38 & 41
Maurice O'Keefe & Michael O'Keefe	May 15, 1907	536/240
M. Riley	October 30, 1901	489/368
C & C Whitaker	October 13, 1891	419/94
Farren Hotel Co.	July 17, 1872	-----

Escott Sunoco, First Street and Avenue A
 Survey Map Parcel #3
Assessors Map + Lot # 4-39 & 40

(NOTE: Between 1959 and 1978, this parcel was divided into two tracts,
 as noted below.)

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Robert J. Escott	December 29, 1978	1567/277

4-39

Sandri Realty	December 22, 1960	1115/45
Haigis Realty	April 23, 1959	1087/51

Escott Sunoco, First Street and Avenue A
 Survey Map Parcel #3
Assessors Map + Lot # 4-39 & 40
 (continued)

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
<u>4-40</u>		
Sandri Realty	June 13, 1967	1211/314
Haigis Realty	April 28, 1959	1087/53

Marvin Haigis	October 16, 1936	818/259
International Paper Co.	January 31, 1898	465/47
Montague Paper Co.	October 9, 1880	312/147

Parking Lot, First Street
 Survey Map Parcel #4
Assessors Map + Lot # 4-44

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Edwin A. Gillespie	October 31, 1984	1823/175
Edwin A. Gillespie & Jeffrey C. Manning	October 13, 1982	1705/190
New England Forestry Foundation	(Will of E. Dorrance)	
Elizabeth Dorrance	March 4, 1976	1458/311 & 1338/32
Leah Bass	-----	-----
Henry Bass	December 15, 1972	1330/131
Town of Montague (non-payment taxes)	May 1, 1970	1256-570
Henry Bass	December 22, 1956	1050/208
Elroth Co., Inc.	September 29, 1944	876/119
Louis Abrams & Sol Roth	June 8, 1944	871/285
Turners Falls Ind. Devel. Corp.	January 4, 1939	830/127

Parking Lot, First Street
 Survey Map Parcel #4
Assessors Map + Lot # 4-44
 (continued)

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Russell Harrington Cutlery	May 1, 1933	779/306
Quinnehtuk Co.	December 20, 1930	778/41
Turners Falls Power & Electric	December 15, 1923	707/18

War Memorial Site, First Street and Avenue A
 Survey Map Parcel #5
Assessors Map + Lot # 4-2

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Inhabitants of Montague	June 10, 1960	1107/230
Western Mass Electric	-----	-----

Machine Shop/Carpentry Shop, First Street
 Survey Map Parcel #6
Assessors Map + Lot # 4-1

<u>Owner</u>	<u>Date</u>	<u>Book/Page</u>
Jeffrey C. Manning	October 31, 1984	1823/174
Jeffrey C. Manning & Edwin A. Gillespie, Jr.	December 22, 1978	1567/47
B.E. McColgan & R.C. Donaldson	November 15, 1976	1483/51
Dorothy W. Lyon & Suzanne W. Tishman	April 30, 1975	1424/288
Frank H. Weisberg	August 10, 1944	871/375
Western Mass Electric Co.	December 30, 1942	856/174
Montague Paper Co.	April 28, 1890	413/47
Turners Falls Company	September 8, 1883	312/267

1.2 Property Uses

1.3 Oil and Hazardous Materials

Each property which is part of the project site will be discussed individually for ease of reference. The appended survey plan may be used as a reference to identify individual tracts of land.

- A. Parcel Number 1, consisting of tracts 1 through 4, is owned by Edwin A. Gillespie, Jr. According to the Historic Structures and Landscape Report, 1986*, completed for DEM, these tracts were originally either associated with the Farren House or Grand Trunk Hotel or were originally vacant (in addition to Parcel Number 2, which is currently the site of the Cumberland Farms convenience store). Tracts 2 through 4 are currently vacant. Construction office trailers for the Indeck co-generation project occupy a portion of one of the tracts.

Historically, the three current vacant lots were used for a blacksmith shop, log stockpiling and a junk yard. Visible remnants of those activities have been removed due to recent land clearing/grading activities. Remnants of the auto junk yard are to be found now, scattered in the perimeter banks of the entire site, apparently having been pushed there in the grading operations for the parking lot. Currently, the remains of an old brick and mortar foundation are the only historic remnants visible.

The only occupied tract in this parcel is tract number 1, occupied by the Pioneer Litho Company. It is, for the most part, a one-story building of mortared fieldstone. The northern portion is a gable-ended story-and-a-half structure. Past uses of the property have consisted of the barn/stable for the hotel, a bakery, a bus garage and the current print shop business.

* Scarfo/Brabee Design, Historic Structures and Landscape Report of the Village of Turners Falls, 1986.

A site visit was made to Pioneer Litho on May 11, 1988 to ascertain the existence of drains and other migration pathways for OHM. Mr. Gillespie stated that there were four roof leaders inside the building connected to the sewer. Other than the presence of the usual utilities of water, sewer, electric and telephone, there were no apparent sumps or drains. Mr. Gillespie stated that the building had no basement, but the afore-referenced historic structures report mentions that a basement was blasted for the original construction.

A listing of materials used in the printing process is found below. Mr. Gillespie stated at the aforescribed site visit that all waste material (solvents and other material used in the printing process) are disposed of on the rags used to wipe down the presses. These rags are then hauled away by Coyne Textile (617-754-2676). The site visit confirmed that there were no barrels or other containers of waste materials stored on the site. However, empty containers of press cleaner materials were visible at the northeast corner of the building. Materials Data Sheets for substances used by Pioneer Litho are available on site.

Materials Used by Pioneer Litho

1. "Subtractive Plate Developer" by Graph Coat, Inc.; contains benzyl alcohol.
2. "N Developer" by Advance Offset Plate, Inc.; contains ethylene glycol, talc, phosphoric acid, glacial acetic acid, cyclohexanone, cyclohexanol and butyl cellosolve.
3. "Gum Preservative" by Graphcoat, Inc.; contains organic acid, aliphatic ketone solvent, aliphatic solvent.
4. "Gum Preservative" by Advance Offset Plate, Inc.; contains phenols.
5. "Wipe on Developer" by Advance Offset Plate, Inc.; contains aliphatic alcohol and aliphatic ketone solvent.

- 6. "Knock Down and Drag Out" by Knox Labs.
- 7. "Solvent Blend for Printers" by Printers Oil Supply Co., Inc.
- 8. "N Developer" by Cookson Graphics; contains phosphoric acid, glacial acetic acid, cyclo hexamine and cyclohexanol.
- 9. "Series 200 Plate Developer" by Cookson Graphics; contains phosphoric acid and kerosene.

Records at DEQE in Springfield were reviewed. DEQE representatives inspected the site on May 10, 1986. They were apparently informed that the business did not generate hazardous waste. There was an active EPA ID number which was subsequently noted to be inactive in the files as of September 10, 1986. Mr. Gillespie was told by DEQE to notify them if the business generated or accumulated more than 20 kg of hazardous waste at the site. A 1984 wastewater pretreatment program survey indicated silver and cyanide to be potential priority pollutant concerns for this operation, although silver recovery processes were reportedly in-place.

wastewater?

B. Parcel 2 is currently occupied by the Cumberland Farms convenience store and owned by VSH Realty. The major previous use of the lot was as the site of the Farren House and Grand Trunk Hotel. There were commercial establishments in the hotel, such as dry goods and hardware stores.

The Cumberland Farms building is built on a slab. Electric and telephone underground services enter on the southeast side of the building. There are no apparent sumps or floor drains. There are five gasoline tank vent pipes on the northeast corner of the building and two external roof drains which empty to the pavement. Town water and sewer services the property.

*5 tanks
w/ST*

There are five 4,000-gallon steel gasoline tanks underground at the southeast corner of the building. Locations of the underground gasoline storage tanks were obtained from the owner and are appended to this report as Appendix C. According to Richard Morin, these tanks have not been tested since they were installed. Tests have been scheduled for June 1988.

- C. Parcel 3 is currently owned by Robert Escott and contains a Sunoco automotive service station and beauty salon. There are three 20-year-old 4,000-gallon underground gasoline storage tanks at this station as well as a 550-gallon waste oil storage tank, based upon a May 11, 1988 site visit. The tanks were tested by Sandri's on April 25, 1988 and found not to be leaking, according to the Fire Chief. A floor drain in the middle bay of the enclosed service area is connected to the storm sewer, according to Mr. Escott. There are vents for the gasoline tanks located in the southeast side or front of the building and protrude from the roof. Water and sewer hookups for the service station and beauty salon enter and discharge from the building as designed. No sumps were noted in either structure. The basement of the beauty salon contains an oil-fired heating boiler. Outside the boiler area, at the northwest corner of the building, is an oil fill cap and underground 500-gallon fuel oil tank. The service station's 550-gallon waste oil tank is pumped by Oil Recovery Corporation of West Springfield, a licensed handler. Mr. Escott's ID number is MAD103800061. Historically, according to Mr. Girard, the site was used for spruce wood storage. It is unclear as to whether these were whole logs or pulped wood.

- D. Parcel 4, owned by E.A. Gillespie, is currently vacant and apparently has never had any buildings created on it. Historically, it has been used for log stockpiling for the papermills and as a part of the "junkyard" operation. It was recently graded and covered with gravel to create a parking lot, apparently used by the construction workers at the Indeck co-generation facility construction project. As noted in the earlier discussion, the grading operation has moved the surface

What?

*3000 gal
- 1 waste oil
500 gal
demand?*

500 gal

debris. According to Mr. Girard, a standpipe for the cutlery spring was located here. This may be the "anomaly" noted by magnetometer research. It is not visible currently.

- E. Parcel 5 is the current site of the Town of Montague War Memorial. As such, it comprises a stone monument under two evergreen trees on a long rectangular grassy site. It currently belongs to the Town of Montague. The existing grassed area originally contained a structure for four large coal-fired boilers which produced steam for the paper mills. Coal arrived from the railroad by the canal and was moved southwest to the boilers by a coal conveyor tower which was located at the canal side of the railroad. Magnetometer work by Dr. Kick showed four "anomalies" below the area. Should the site be excavated, care should be taken to ascertain the nature of these anomalies and perhaps to sample the soils therein as part of possible future additional investigations.

Below the north end of the grassed area is the ash collection room for the boilers. Into that room, from under the grassy area, are two drainage pipes approximately 4" in diameter. One pipe simply empties into the area while the other pipe was once apparently connected to a floor drain which, while still existing, has been blocked off. The stone foundation of the War Memorial area (the old boiler site) has many voids in it, allowing for passage of materials, and the cement cap to the foundation has hollow iron pipes in it at approximately 3-foot intervals. These now contain soil; perhaps they were once foundation drains.

The area north of the War Memorial, between the War Memorial and the canal, is currently covered by brush and undergrowth. At the time of the site visit, stacks of metal and wood sections, which may have been part of the previous roadway across the canal foot bridge, were visible. The area is underlain by vaults which, according to the previously mentioned historical structures report, may have been part of a storage building for paper mill stock/equipment, as it was adjacent to the railroad.

hydrolics

Vaults are not confirmed

F. Parcel 6 contains the old carpentry/machine shop structures and a grassy/bushy presently vacant area. These structures have housed a time keepers office and store room, carpentry shop and pipe shop, machine shop and blacksmith foundry. According to the historic structures report, the primary use of these structures was for the manufacturing of pulp machinery for the mills and later the production of electric power generating equipment. No information concerning site-specific practices was available from the Historical Society or the Town Library.

Both buildings have crawl spaces which appeared dry. On the southwest side of the carpentry shop is an underground 275-gallon storage tank ~~for oil~~. The fill pipe is visible in an elevated brick-surrounded mound. An employee of Pioneer Litho related on May 11, 1988 that this had served to heat the building until the boiler was recently (approximately 1979 - 1980) converted to gas. Two Berkshire Gas propane gas tanks serving the boiler are nearby. Municipal water and sewer service the building. No sumps are visible above ground. The building is currently used partially as offices and storage for J.A. Jones Construction Co. co-generation facility construction equipment and as a bindery by Pioneer Litho. 275
UST

In the northeast corner of the former machine shop, which served as a foundry, there is a pipe which probably conveyed cooling water out of the building and possibly onto the ground. However, there are two cast iron pipes which protrude vertically from the earth which might have been used to convey waste cooling water to the canal for disposal. A piece of 4" iron pipe, which may have been connected to roof drains or other drains is situated horizontally in the soil at the northwest corner of the former carpentry shop.

1.4 Record Search Information

Review of records was begun by Bay State Environmental Consultants of East Longmeadow, Massachusetts in their February 1987 preliminary site assess-

ment (EDIC Contract No. 85001). These have been corroborated and extended for this report. Results of this search are incorporated in the text.

Historical Research: Mr. Lionel T. Girard, Historical Society
 Montague Town Library
 University of Massachusetts Library
 Scarfo & Braben Historic Structures Report, op. cit.

DEQE Records Division: Springfield

Fire Department: Francis Togneri/Richard Morin

Town Building Inspector: Norman Fuller

Property Owners: Mr. Irving Blassberg
 Mr. Robert Escott
 Mr. E.A. Gillespie

1.5 Abutting and Adjacent Land Use

The downtown area of Turners Falls was laid out in a grid-like pattern when the Town was developed in the late 1860's and continues to be except for the curvilinear boundary of the power canal, which currently serves the Massachusetts Electric Company power station northeast of the site, and the existing Keith Paper Company. An island of land runs between the canal and river and is found along the entire north edge of the canal. On it were once three paper mills* and the largest cutlery factory in the world, the John Russell Cutlery Factory. The Indeck co-generation facility is being constructed on the cutlery factory site. According to John Matteson of the DEQE Western Regional Office in Springfield, the Indeck co-generation plant will burn coal (240 million BTU) and #6 oil (90 million BTU). Emissions data concerning particulates, noxious emissions and sulphur dioxide may be obtained by contacting Mr. Matteson. Foundations and vaulting remain from the paper mill, directly northeast of the site, across the canal.

* Historical practices of the International and Montague Paper Companies paper manufacturing processes were not relevant to this study, as the actual paper company sites are beyond the study area and downgradient to the site, as well as being on the opposite side of the canal. Site-specific paper mill practices relative to this study involve solely the log storage areas on the Escott site and the current parking lot area.

Adjacent land use southeast and southwest of the site has been residential and commercial since the 19th century, according to the aforementioned historic structures report.

Currently, the adjacent land along Second Street consists of three apartment buildings and one dwelling structure. Along Avenue A are commercial establishments, including hardware and auto parts stores, restaurants and antique shops. The Town Hall is directly southeast across Avenue A at the end of the bridge across the Connecticut River.

There are no sensitive institutional (e.g., hospitals, schools, nursing homes, etc.) receptors in the immediate project area.

The Northampton office of the Massachusetts Department of Public Works was contacted with regard to aerial photographs. Information from the aforementioned historic structures report is not changed by these data. Photographs reveal that the area was essentially urban residential with a greater amount of open space than currently exists. Cumberland Farms had not been built at the time of the photographs (1973).

2.0 PROPERTY DESCRIPTION

2.1 Location Description

The following locus plan depicts the site on USGS Greenfield quadrangle sheet. The site is located at 42°36' latitude, 72°33' longitude, ⁷00000E, ⁴⁷21000N UTM.

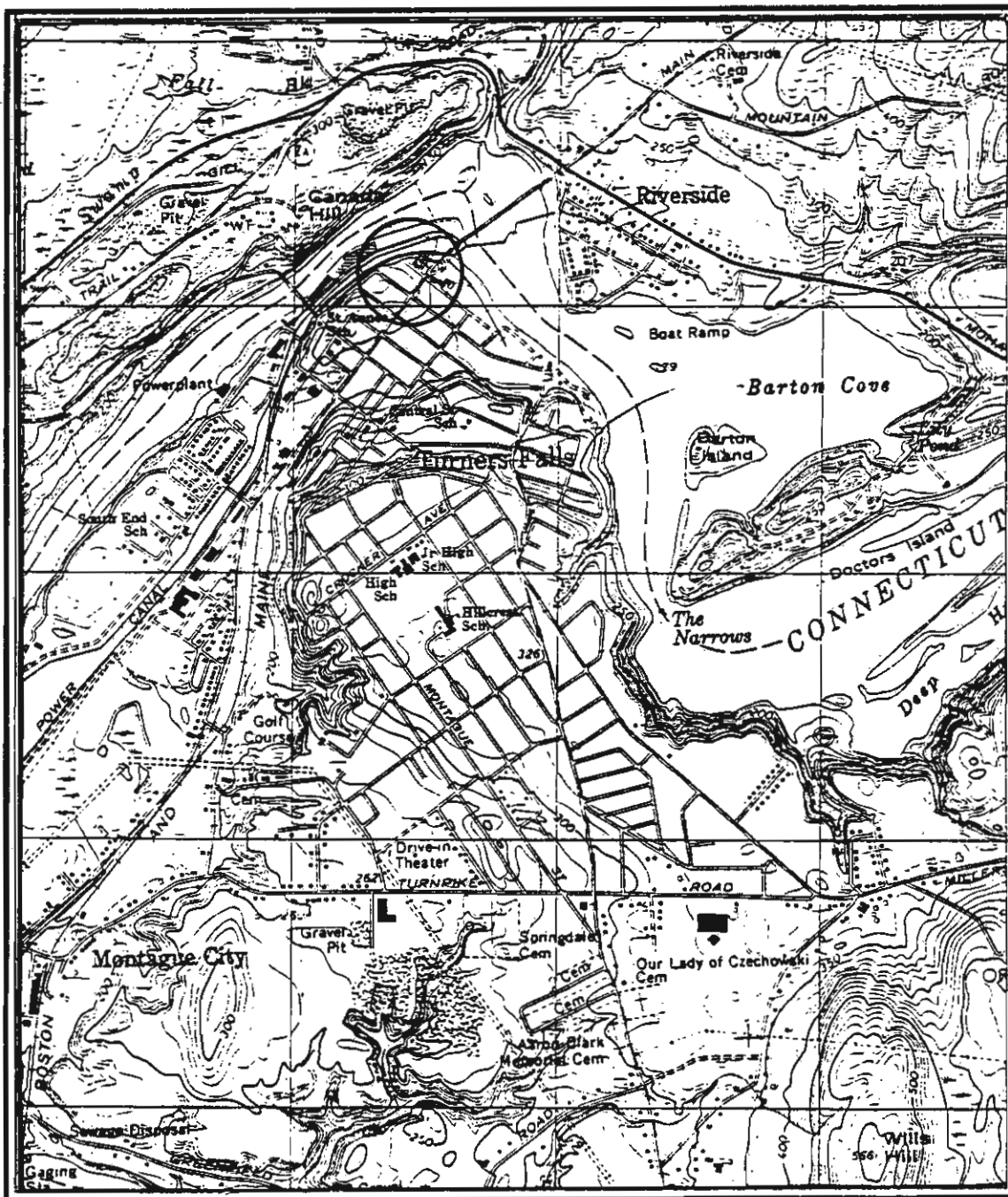
2.2 General Physical Features

The existing topography of the project site is shown on the appended survey and boring plans. The site consists of six parcels of relatively open urban land. There are four permanent structures on the site, as follows:

- . Cumberland Farms -- A 40' by 55' one-story concrete block structure at Avenue A and Second Street.
- . Pioneer Litho -- A 60' by 100' one-story and one and one-half story field stone and wood frame structure on Second Street.
- . Escott Sunoco -- A 50' by 85' two-story concrete block/wood frame structure on Avenue A and First Street.
- . Former Carpentry and Machine Shop -- A 60' by 160' one and one-half story wood frame and a 35' by 80' one and one-half story brick structure.

Existing vegetation consists of areas of grass and three mature oaks on the site itself. Scrub brush and saplings are found on the banks near the canal. Open level areas have been graded and filled to create a parking lot.

The site is bounded by Avenue A, Second Street and the power canal. On the northwest corner of the site there are outcroppings of ledge and a power company substation. The entire northern perimeter of the site is the power



— LOCUS —

canal, next to which is a flat access road area, formerly a railroad spur. From the former railroad bed the land slopes sharply up to the site, which is essentially level, with drainage patterns flowing northeasterly toward the canal which empties into the Connecticut River.

There are no surface water resources directly on the site. As noted previously, the power canal abuts the northern edge of the site. Between the canal and the river is an island formerly occupied by paper mills and a cutlery factory. There are no vegetated wetlands or swamps on or adjacent to the project site. The FEMA Flood Insurance Study for the Town of Montague, MA, Panel 1 of 11 (250122 001 C), indicates that the project site is within Zone C, an area of minimal flooding. There is no regulatory flood plain at the project site.

Vegetative cover on most of the site is minimal, consisting essentially of grass and scrub vegetation on the slope leading up from the canal area. There is some grassy cover on an area next to this slope and surrounding the building which housed a carpentry and machine shop. Some large trees remain. In general, however, the site is either paved or covered with crushed gravel, with the exception of the grassed park War Memorial.

According to the U.S. Soil Conservation Service Survey for Franklin County, the soils at the site are Carver loamy coarse sand, 0 - 3 and 3 - 8% slopes. These soils are excessively drained, rapidly permeable, found in sandy deposits formed in terraces. Much of the project area surface is covered by pavement, gravel, or is filled soil over previous building foundations.

Subsurface soil exploration by Huntley Associates revealed sand and gravel over sandstone bedrock, which is very near the surface (within less than 2 feet at places). The greatest depth to bedrock encountered was 25 feet.

According to the map "Bedrock Geology of the Greenfield Quadrangle, Massachusetts" by Max E. Willard, the bedrock underlying the entire project/Turners Falls area is Turners Falls sandstone. This formation is reported

to be thin-bedded, medium-grained, grayish to dusky-red micaceous sandstone in which mud cracks, ripple marks, rain drop impressions, fossil fish and dinosaur tracks are common.

The "Contour Map of the Bedrock Surface, Greenfield Quadrangle, Massachusetts" by Clark J. Londquist and Bruce P. Hansen, 1974, shows that the bedrock is essentially at or just below the surface of the ground in the project area. The findings of Londquist and Hansen are verified by the bedrock outcrops in the northeast corner of the project area, by an outcrop visible in the basement of the Escott Garage building, and by the findings of the subsurface explorations.

The "Surficial Geologic Map of the Greenfield Quadrangle, Franklin County, Massachusetts" by Richard H. Jahns shows that the project area is underlain by river-terrace silt, sand and gravel, with bedrock outcrops.

As noted previously herein, site-specific findings have verified general research. Soils were found to be sand and gravel overlying shallow bedrock. However, much of the original surface area has been disturbed over the years as evidenced by the areas of fill uncovered in the borings.

~~The subsurface explorations found no appreciable groundwater on the site.~~
A six-foot well was identified for consultants for a previous study at the site, but because of recent grading was not locatable. Mr. Girard of the Historical Society indicated it may actually have been not a well but a standpipe for the spring which served the John Russell cutlery factory. The spring was filled in within the last 20 years. This may be the "anomaly" located in the parking area by Dr. Kick.

The site area is served by the municipal water system; thus, adjacent on-site public and/or private water supplies are not anticipated to be a concern.

The site lies within the surface watershed of the Connecticut River, identified as Class B by the Massachusetts Division of Water Pollution Control.

Its 1982 report condition was also "B". The 1982 report, Water Quality Management Plan, recommended that infiltration/inflow work was required and overloaded sewers needed to be alleviated. No mention of industrial pollutants was made in this report.

2.3 Oil and Hazardous Materials Sources

There is no overt or visible evidence of oil and/or hazardous materials nor odors characteristic to chemical contaminants on the site, nor overt evidence of environmental damage, except for the previously-described automobile parts apparently from the prior "junkyard" area which comprise a minor percentage of fill along the bank sloping toward the canal. Contamination of the site has only been identified by soil sample laboratory analysis, described in Section 3.0.

2.4 Summary of Potential Impacts of Release/Threat of Release

There are no environmentally sensitive areas which are subject to potential impacts from the release of contaminants at the site. There are no identified water supplies nor significant groundwater resources in unconsolidated deposits on the site nor in the immediate area adjacent to the site. This area of Montague is served by a municipal water supply (see Section 2.2). No sensitive wildlife habitats are known to exist in the immediate area. The limited surficial vegetation is unlikely to experience adverse impacts from the levels of contaminants identified at the site.

The potential for impacts on human populations appears minimal. There is a variable number of people utilizing on a daily basis the present gasoline/automotive service stations, the Pioneer Litho facility, as well as the storage/access/parking use of the site by construction workers for the Indeck project. In addition, a number of institutional, commercial and residential properties are utilized on a regular basis southerly and easterly of the site across Second Street and Avenue A. However, the potential for direct contact with contaminants in the soil is relatively small in the site's present usage. Even if ingestion of soil from the site

were to occur, the levels of contaminants (mainly polynuclear aromatics and phthalates) are not sufficiently high to cause acute toxic effects. Moreover, long-term ingestion of soil and groundwater from the site is highly unlikely to occur. Volatile organic chemicals are not present in detectable quantities, thus adverse effects from the inhalation of volatile organic compounds are highly unlikely. However, there is a potential for the inhalation of other organic contaminants on air-borne particles if the surface of the site is disturbed. This potential is discussed further in Section 4.7.

Review of data available to date would indicate present underground fuel storage facilities to be integrityous relative to any appreciable contaminant leakage/migration.

?

3.0 FIELD SAMPLING/SCREENING AND RESULTS

3.1 On-Site Field Screening

Volatile organics soil headspace analysis via use of an HNU P-101 (10.2 ev lamp) analyzer was performed on all split-spoon samples retrieved during soil sampling May 2 - 5, 1988 on the site. Insignificant volatile organics were detected throughout the sampled soil column (0 - 7 ppm readings). Correlation of PID results with soil samples are given in Appendix E.

3.2 Field Sampling

Continuous-sampled soil borings were performed at twenty-six (26) horizontal locations on the site via steam-cleaned, hollow-stem auger to refusal at from less than 1 foot to 25 feet. Attempts at installing viable groundwater monitoring wells in saturated overburden were unsuccessful at the site. Boring/monitoring well horizontal locations are given on the appended site plans. Drilling logs are included as Appendix A.

Table A lists soil samples collected during drilling and composited for laboratory analysis.

Supplemental soil samples were collected from the site at recently graded locations shown on the appended plan along the bank leading to the canal for composite analysis of key contaminants of concern.

Appendix B contains complete certified laboratory analysis on all soil samples. Table B, which follows, sets forth results of the laboratory analysis, wherein only those parameters which yielded detectable amounts of substances (within method detection limits) which were requested for analysis are listed.

Prior to commencing subsurface investigations, an historical investigation of past industrial processes and site walk-over by the investigative team were carried out. The purpose of these were to aid in preparation of the soil analysis protocols.

TABLE A

TURNERS FALLS HERITAGE STATE PARK - SOIL SAMPLE ANALYSIS SCHEDULE
M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I

Method	Total No. Samples	Individual Soil Samples												
		B-21A	B-22A	B-23A	B-23B	B-1A	B-2A	B-3A	B-4A	B-5A	B-7A	B-8A	B-9A	B-10A
EPA 8240	(28)	X	X	X	X	X	X	X	X	X	X	X	X	X
EPA 8010 (PNA's)	(19)		X					X	X	X	X	X	X	X
EPA 8040 (phenols)	(9)							X	X			X		
Oil & grease	(22)		X					X	X	X	X	X	X	X
PP-13 metals	(19)							X	X	X	X	X	X	X
Cyanide	(7)							X	X					
PBC's														X
EPA 8250 A/B-N extractables (incl. PCB's & pesticides)														X
pH														X

TABLE A (continued)

TURNERS FALLS HERITAGE STATE PARK - SOIL SAMPLE ANALYSIS SCHEDULE

M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I

Method	Total No. Samples	Individual Soil Samples														
		B-15A	B-15B	B-14A	B-14B	B-13A	B-13B	B-13C	B-25A	B-16A	B-17A	B-12A	B-20A	B-18A	B-11A	C-3*
EPA 8240	(28)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EPA 8010 (PNA's)	(19)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EPA 8040 (phenols)	(9)						X	X	X	X	X	X	X	X	X	X
O11 & grease	(22)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PP-13 metals	(19)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cyanide	(7)	X							X	X	X	X	X	X	X	X
PCB's		X	X	X	X											
EPA 8250 A/B-N extrtactables (incl. PBC's & pesticides)																
pH				X	X	X	X	X	X	X	X	X	X	X	X	X

NOTE: C-3* = composite of samples along bank. *No of composite?*

TABLE B
 TURNERS FALLS HERITAGE STATE PARK - SUBSURFACE SOIL ANALYSIS RESULTS
 M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I

Parameters	Boring #3	Boring #4	Dupli- cate	Boring #5	Boring #7	Boring #8	Boring #9	Boring #10
Depth	5.0'	4.0'	---	4.0'	5.0'	2.0'	4.0'	4.0'
# Samples	6	6	---	5	4	4	6	4
Base/neutral extractables (1)	---	---	---	---	---	---	---	---
pH	6.9	---	---	---	---	---	---	---
<u>PP13 Metals (2)</u>								
Arsenic	ND	ND	ND	ND	---	---	ND	---
Copper	0.03	ND	ND	ND	---	---	ND	---
Lead	ND	ND	ND	ND	---	---	ND	---
Nickel	ND	ND	ND	ND	---	---	ND	---
Silver	ND	ND	ND	ND	---	---	0.005	---
Zinc	0.9	0.06	0.05	0.02	---	---	0.04	---
<u>Polynuclear Aromatic Hydrocarbons (2)</u>								
Fluoranthene	800	925	1,200	ND	220	500	620	ND
Benzo (k) fluoranthene	440	ND	ND	ND	ND	21,000	ND	ND
Chrysene	600	660	750	ND	ND	22,000	470	ND
Pyrene	700	900	1,200	ND	ND	22,000	700	1,500
Benzo (a) anthracene	ND	500	ND	ND	ND	21,000	ND	ND
Benzo (a) pyrene	ND	730	650	ND	ND	15,000	1,000	ND
Benzo (b) fluoranthene	ND	1,450	1,400	ND	ND	28,000	1,500	ND
Benzo (ghi) perylene	ND	400	ND	ND	ND	6,700	ND	ND
Phenanthrene	ND	400	450	ND	ND	17,000	ND	ND
Indeno (1,2,3-cd) pyrene	ND	500	ND	ND	ND	10,000	ND	ND
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	2,500	ND	ND
Fluorene	ND	ND	ND	ND	ND	550	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	1,700	ND	ND
Napthalene	ND	ND	ND	ND	ND	1,450	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	450	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND
<u>Oil and grease (3)</u>	113	959	1,340	42	483	2,410	2,750	1,800

NOTES: (1) measured in ug/kg; (2) measured in mg/l; (3) measured in mg/kg; ND = non-detectable;
 --- = not measured.

TABLE B (continued)
 TURNERS FALLS HERITAGE STATE PARK - SUBSURFACE SOIL ANALYSIS RESULTS
 M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I

Parameters	Boring #11	Boring #12	Boring #13A	Boring #13B	Boring #13C	Dupli- cate	Boring #14A	Boring #14B	Boring #15A
Depth	2.0'	7.5'	25.0'				18.0'		14.0'
# Samples	8	8	6	6	6	6	7	6	7
Base/neutral extractables:									
Bis (2-ethylhexyl) phthalate				600					
Di-n-butyl phthalate				1,300					
pH	8.4	7.7	8.6	7.0	6.2		6.9	7.2	
PP13 Metals (2)									
Arsenic	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Copper	ND	0.02	ND	ND	ND	ND	ND	0.02	ND
Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ND	ND	0.94	ND°	0.03	0.03	0.02	0.10	0.12
Polynuclear Aromatic Hydrocarbons (1)									
Fluoranthene	900	ND	375		ND	ND	13,000		61,000
Benzo (k) fluoranthene	ND	ND	ND		ND	ND	1,700		ND
Chrysene	820	ND	ND		ND	ND	1,000		19,800
Pyrene	750	ND	ND		ND	ND	1,200		64,000
Benzo (a) anthracene	ND	ND	ND		ND	ND	1,000		22,700
Benzo (a) pyrene	500	ND	ND		ND	ND	900		17,000
Benzo (b) fluoranthene	1,200	ND	ND		ND	ND			36,000
Benzo (ghi) perylene	ND	ND	ND		ND	ND	600		5,800
Phenanthrene	840	ND	275		ND	ND	575		28,000
Indeno (1,2,3-CD) pyrene	ND	ND	ND		ND	ND	800		9,300
DiBenzo (a,h) anthracene	ND	ND	ND		ND	ND	ND		2,100
Fluorene	ND	ND	ND		ND	ND	ND		1,800
Acenaphthylene	ND	ND	ND		ND	ND	ND		ND
Naphthalene	180	ND	ND		ND	ND	ND		800
Acenaphthene	ND	ND	ND		ND	ND	ND		1,600
Anthracene	ND	ND	ND		ND	ND	100		ND
Oil and grease (3)	243	83	707	223	123	88	438	ND	260

NOTES: (1) measured in ug/kg; (2) measured in mg/l; (3) measured in mg/kg; ND = non-detectable;
 --- = not measured.

TABLE B (continued)
 TURNERS FALLS HERITAGE STATE PARK - SUBSURFACE SOIL ANALYSIS RESULTS
 M.G.L. CHAPTER 21-E SITE INVESTIGATION REPORT - PHASE I

Parameters	Boring #15B	Boring #16	Boring #17	Boring #18	Boring #20	Boring #22	Duplicate	Boring #25	Sample C-3
Depth									
# Samples									
Base/neutral extractables (1)	---	---	---	---	---	---	---	---	---
pH	---	6.8	---	---	---	---	---	---	---
PP13 Metals (2)									
Arsenic	ND	ND	ND	ND	ND	---	---	ND	ND
Copper	ND	ND	ND	ND	ND	---	---	0.03	0.02
Lead	ND	ND	0.05	ND	0.06	---	---	0.07	0.05
Nickle	ND	ND	ND	ND	ND	---	---	0.08	---
Silver	ND	0.007	ND	0.013	0.014	---	---	ND	---
Zinc	0.05	0.03	0.05	0.09	0.04	---	---	0.27	0.05
Polynuclear Aromatic Hydrocarbons (2)									
Fluoranthene	---	ND	320	ND	---	ND	ND	275	11,600
Benzo (k) fluoranthene	---	ND	ND	160	---	ND	ND	ND	ND
Chrysene	---	ND	220	ND	---	ND	ND	200	6,000
Pyrene	---	ND	300	ND	---	ND	ND	260	9,200
Benzo (a) anthracene	---	ND	ND	ND	---	ND	ND	ND	7,600
Benzo (a) pyrene	---	ND	ND	ND	---	ND	ND	180	5,000
Benzo (b) fluoranthene	---	ND	ND	ND	---	ND	ND	400	11,500
Benzo (ghi) perylene	---	ND	ND	ND	---	ND	ND	ND	ND
Phenanthrene	---	ND	300	ND	---	ND	ND	ND	3,200
Indeno (1,2,3-CD) pyrene	---	ND	ND	ND	---	ND	ND	ND	2,700
Dibenzo (a,h) anthracene	---	ND	ND	ND	---	ND	ND	ND	ND
Fluorene	---	ND	ND	ND	---	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	---	ND	ND	ND	ND
Napthalene	---	ND	ND	ND	---	ND	ND	ND	ND
Acenaphthene	---	ND	175	ND	---	ND	ND	ND	ND
Anthracene	---	ND	ND	ND	---	ND	ND	ND	ND
Oil and grease (3)	104	125	108	ND	278	718	868	352	699

NOTES: (1) measured in ug/kg; (2) measured in mg/l; (3) measured in mg/kg; ND = non-detectable;
 --- = not measured.

Much of this site seems to have functioned as a staging or support area for the paper mills and cutlery factory across the canal. In the absence of any directly-documented waste stream data base for prior site uses, data from the EPA's 1981 Pollutant Treatability Manual and similar EPA industrial waste summaries were then consulted in order to focus the laboratory analyses. In addition, a magnetometer survey was performed to screen the area for concentrations of iron that might include buried debris.

3.3 Geophysical Investigations

A magnetometer survey was conducted on April 27, 1988 by Dr. J.F. Kick, geophysicist, to screen the project area for buried steel/debris/iron (tanks). A magnetic search involves the detection and measurement of anomalies in the earth's magnetic field. Iron and steel objects will generate anomalous magnetometer readings, the amplitude of which depends on the size, shape and depth of the object and its contrast with surrounding materials.

The project site was surveyed using a 10' x 10' grid in areas not covered by structures. Two main areas, the current Indeck project construction "parking lot" and the War Memorial site, were most accessible to this survey. The parking lot showed no large concentration but a high level of magnetic values, while the War Memorial produced four distinct anomalies. It is suspected that, since the War Memorial site once housed coal-fired boilers, the anomalies may be associated with structures or equipment from that operation. A complete discussion by Dr. Kick of the survey process, results and field intensity maps are included as Appendix D to this report.

4.0 SITE CLASSIFICATION

4.1 Physical Access

There are no uncontrolled hazardous materials for direct contact, except under layers of soil.

4.2 Free-Floating Oil and/or Hazardous Materials

There are no identified free-floating oil and/or hazardous materials on the site.

4.3 Groundwater Contamination

The non-significant groundwater at the site will not be used as a water supply, nor does the public groundwater supply's recharge zone or zone of influence extend to the site area as indicated by best available information. There are no known private wells in use in the vicinity of the site. Moreover, the potential for exposure and ingestion of groundwater by humans is relatively low.

4.4 Surface Water Contamination/Water Supplies

Significant surface water contamination has not been identified in relation to contaminants on the site.

4.5 Surface Water Contamination/Recreational Areas

No surface water-oriented unlimited access public recreation areas would appear to be impacted by site contaminants.

4.6 Threat of Fire and/or Explosion

Based upon volatile organics headspace analysis, there is no threat of fire and/or explosion.

4.7 Air Emissions

The types and concentrations of contaminants at the site are not likely to result in significant air emissions. Volatile organic chemicals as determined by the EPA 8240 method are not a concern at the site. Some acid/base neutrals as determined by the EPA 8250 method are present in soil. However, these organic compounds tend to have low vapor pressures as compared with volatile organic compounds. Consequently, the emissions of vapors from organic chemicals into the atmosphere are not likely to present a hazard to human health and the environment. However, extensive disturbance of the soil surface layers at the site can generate air-borne dust particles with organic chemical contaminants. Although these dust particles are not likely to cause significant acute health effects, persons exposed to them for significant periods of time (e.g., hours) may experience irritation to eyes and sensitive tissues.

4.8 Human Food Chain

The likelihood of adverse effects on humans through the food chain is very low because of its urban/suburban setting and relative lack of organic topsoil. The ingestion of plant and animal biomass from the site is not likely, and certainly not on a regular basis. The site is not used for agriculture, and there are no plans to grow plants for human consumption.

4.9 Site Investigation Outcome

It is herein proposed that the site be classified as a Non-Priority Site in accordance with Division of Hazardous Waste Revised Policy 7 (June 22, 1987). Among the factors warranting the designation are the following:

1. There is little likelihood of direct contact with uncontrolled hazardous materials at the site.
2. There is no evidence of any uncontained or free-floating oil or hazardous materials in the groundwater or surface water.

3. The nature of the contaminants in soil.
4. The insignificant impact on groundwater.
5. The lack of evidence of a continuing release of oil or hazardous material in surface water.
6. The low potential for impacts on adjacent wetlands.
7. The low potential for threat to wildlife and wildlife habitat.
8. The lack of threat of fire and/or explosion.
9. The low potential for air emissions upon enforcement of proper standard construction practices.
10. The lack of any adverse effects on the human food chain.

Based upon this evaluation, it is concluded that this site does not pose and is not likely to pose an unacceptable risk to human health, safety and welfare and to the environment.

5.0 SHORT-TERM MEASURES

Minimization of contaminant migration off the site and public exposure during the proposed Heritage State Park construction project will most effectively be accomplished through standard construction practices (i.e., stabilizing/covering earth material stockpiles, dust control through water and/or calcium chloride application, on-site use of soil in cut-and-fill and earth berming activities, erosion/sediment controls installation).

It is proposed that upon selection of the most feasible park conceptual design, up to twelve (12) additional soil samples would be collected from areas of noted highest PNA's for Method 8010 to assist in scheduling the proper construction practices noted above.

At the time of tank removal, a qualified Almer Huntley, Jr. & Associates, Inc. representative will be on-site to document tank removal, collect soil samples and screen them for the presence of volatile organic compounds with a photoionization detector, and to ensure that all contaminated soil is removed. Provision will also be made to collect soil samples for laboratory analysis to confirm field data as provided for in the aforescribed analysis schedule. Provision for up to three (3) days of this tank removal documentation services is included in the EDIC contract.

6.0 ADDITIONAL RELEVANT INFORMATION

Based upon the findings of both the preliminary assessment and the subsequent site investigation, it appears that there has been no uncontrolled release of oil and/or hazardous materials from the site. Also, the investigations indicate that there is no imminent threat of future release of oil and/or hazardous materials at the site. It is concluded that the chemical contaminants detected in the soil were most likely generated on the site by prior commercial/industrial practices transported onto the site from affiliated outside sources. Therefore, it is further concluded that the site is not subject to M.G.L. Chapter 21-E under the criteria set forth in Revised Policy 7, IV. Preliminary Assessment, E. Possible Outcomes, and no further investigative nor remedial actions are proposed for the site, except those short-term measures indicated in Section 5.0.

In accordance with the standards of M.G.L. Chapter 21-E and EPA's CFR Vol. 45, No. 98, and based solely upon the analyses/observations reported in this report, it is our judgmental professional opinion that present likelihood of release, or threat of release, of oil and/or hazardous materials from the site under study is not imminent in its present undisturbed condition. However, should proposed site modifications associated with the Heritage State Park site work be carried out, the threat of release of said materials would then become imminent, probably due largely to airborne dust/particulate generation.

EPA 8010/8250 analysis of shallow soil samples from the areas of the former blacksmith shop, junk yard, Escott's Sunoco and the War Memorial/former boiler facility indicated the presence of several base/neutral extractable priority pollutants called polynuclear aromatic hydrocarbons (PNA's) in concentrations worthy of further investigation. These compounds are identified as Massachusetts (310 CMR 30) and Federal priority pollutants and thus constitute hazardous waste. PNA's are formed in any hydrocarbon combustion process (coal, oil) and may be released from oil spillage. Regarding combustion, the less efficient the process, the higher the total PNA emission factor is likely to be. Major sources are stationary ones,

such as heat and power generation, refuse burning, coke ovens and coal refuse deposition. The key route of entry to humans is through inhalation of particulates and/or vapors. PNA's have considerable adsorptive tendencies toward solid particles (i.e., fine soil particles attenuation) and relative insolubility in water. A brief discussion follows concerning some of the most prevalent compounds detected in this study:

Acenaphthylene - This compound has an ultimate solubility in water of 3.93 mg/l and a specific gravity of 0.9 at 16°C. Acenaphthylene undergoes rapid biodegradation and significant adsorption onto solid particles.

Anthracene - Anthracene, with a low solubility of 0.073 mg/l in water and specific gravity of 1.25 at 27°C, undergoes rapid biodegradation and adsorption.

Chrysene - Chrysene has negligible solubility in water with no specific gravity readily documented. The compound has little susceptibility to biodegradation, while adsorption onto solids is the dominant transport mechanism.

Pyrene - The compound has a specific gravity of 1.277 at 0°C and very low solubility in water. Adsorption and biological metabolization/microbial degradation are principal controls.

Phenanthrene - Sorption and biodegradation are significant transport modes for this compound which has a solubility in water of 1.29 mg/l and 1.179 specific gravity at 25°C.

Benzo (a) anthracene - This compound has extremely low water solubility and is subject to rapid photolysis, although competition with very strong adsorption tendencies is apparent. Biodegradation is insignificant.

Benzo (b) fluorethene - Principal transport mechanism is due to adsorption to solid particles.

Benzo (k) fluoranthene - This compound has negligible water solubility and is very strongly absorbed, as well as biodegraded.

The EP toxicity characteristics of the representative soil samples analyzed indicate values to fall below those associated with a hazardous waste designation. pH soil values would not indicate any undue concern with corrosivity.

In light of the foregoing discussion, and since compounds defined as hazardous waste were detected on-site at levels in at least one order of magnitude greater than detection limits, this assessment report should be forwarded to the Division of Solid and Hazardous Waste of the DEQE Western Regional Office in Springfield regarding concurrence with this investigation in relation to M.G.L. Chapter 21-E, "Massachusetts Oil and Hazardous Material Release Prevention and Response Act."

7.0 SUMMARY AND CONCLUSIONS

Almer Huntley, Jr. & Associates, Inc. entered into an agreement with the Montague Economic Development and Industrial Corporation (EDIC) to perform an investigation and provide a report concerning the presence of oil or hazardous materials at the site of the proposed Turners Falls Heritage State Park with a plan for mitigation in a manner consistent with M.G.L. Chapter 21-E and attendant Department of Environmental Quality Engineering regulations, policies and guidelines in effect at the time of investigations.

The purpose of the investigation is to satisfy all interested parties under the requirements of Massachusetts General Law, Chapter 21, Section E (Massachusetts Oil and Hazardous Materials Response Act of 1983) and regulations and policies pertaining to that legislation. Conduct of the investigation has been in accordance with the intent of Appendix D, Scope of Work, of the April 18, 1988 contract and generally-accepted site assessment investigative procedures.

A Hazardous/Toxic Materials Residue Preliminary Site Assessment dated August 14, 1986 was prepared by Baystate Environmental Consultants, Inc. (BEC). This study consisted of a preliminary screening of the site and, as such, did not constitute a comprehensive Phase I (Problem Definition) study as described in the Massachusetts Department of Environmental Quality Engineering (DEQE) Site Investigation/Remedial Action Guidelines. The study identified the need to perform additional historical research on the site to fill the gaps or limitations in the information and data that were available.

Huntley Associates has prepared a summary report, including appropriate documentation and appendices, addressing the following concerns and aforescribed site investigations:

- a. Within the stated limitations of the assessment or assessment procedures, render a judgmental professional opinion as to likelihood of

release, or threat of release, of oil and/or hazardous materials from the site under study;

- b. Correlation of soil analysis data obtained with potential problems associated with apparent surface or subsurface drainage patterns; and
- c. Recommendations, associated cost implications and implementation schedule for contaminated soil management or stabilization intended to minimize long-term adverse environmental impacts or additional testing/monitoring, as applicable.

Key personnel of Huntley Associates involved in this assessment preparation are as follows:

Technical Review/Project Manager: Mark W. Popham, R.S.

Principal Investigators: Edward S. Huntley and Jane A. Southworth

Soil borings/well installations were conducted by East Coast Drilling & Boring, Wallingford CT, under Huntley Associates' direction. Logs for all subsurface investigations are found in Appendix A. Laboratory analyses were performed by Alpha Analytical Laboratory, Ashland, MA, a DEQE-certified laboratory subcontractor to Huntley Associates, as indicated in Appendix B. Geophysical investigations were undertaken by John Kick, Ph.D., of Dunstable, MA under subcontract to and directly supervised by Huntley Associates. Dr. Kick's summary report is included in Appendix C of this report.

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-5

LINE & STA. _____

OFFSET _____

TO Almer Huntley Jr. & Associates

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

ADDRESS _____

LOCATION _____

Northampton, MA

Turners Falls, MA

PROJ. NO. _____

OUR JOB NO. _____

88-209

GROUND WATER OBSERVATIONS

At 0 after 0 Hours

At _____ after _____ Hours

CASING	SAMPLER	CORE BAR.
Type <u>HSA</u>	<u>SS</u>	_____
Size I.D. <u>3 3/4"</u>	<u>1 3/8"</u>	_____
Hammer Wt. _____	<u>140 lb</u>	<u>BIT</u>
Hammer Fall _____	<u>30"</u>	_____

SURFACE ELEV. _____

DATE STARTED 5-2-88

DATE COMPL. 5-2-88

BORING FOREMAN L. Cheeseman

INSPECTOR Ned Huntley

SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	6	14	8	Dry	0.4'	Red fine coarse Sand, some fine Gravel, trace Silt. (Fill).	1	2.0'	1.5'
						100	V.Dense	1.8'	Greenish Brown fine coarse Sand, some fine Gravel, trace Silt.			
								4.0'	Weathered Sandstone.			
									Refusal at 4.0'			

GROUND SURFACE TO 4.0'

USED HSA CASING: THEN Auger Refusal at 4.0'

Sample Type

D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used

trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler

Cohesionless Density	Cohesive Consistency
D-10 Loose	0-4 Soft 30+ Hard
10-30 Med. Dense	4-8 M/Stiff
30-50 Dense	8-15 Stiff
50+ Very Dense	15-30 V-Stiff

SUMMARY:

Earth Boring 4.0'
 Rock Coring _____
 Samples 1
 HOLE NO B-5

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Associates
 PROJECT NAME Heritage Park Site Assessment
 REPORT SENT TO Client
 SAMPLES SENT TO Taken at Site

Bit # _____ Ftg. _____
 ADDRESS Northampton, MA
 LOCATION Turners Falls, MA
 PROJ. NO. _____
 OUR JOB NO. 88-209

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B-7
 LINE & STA. _____
 OFFSET _____

GROUND WATER OBSERVATIONS		Type	CASING	SAMPLER	CORE BAR	SURFACE ELEV.
At <u>0</u>	after <u>0</u> Hours					
At _____	after _____ Hours	Size I.D.	HSA	SS	_____	DATE STARTED <u>5-3-88</u>
		Hammer Wt.	3 3/4"	1 3/8"	_____	DATE COMPL. <u>5-3-88</u>
		Hammer Fall	_____	140 lb	BIT	BORING FOREMAN <u>L. Cheeseman</u>
			_____	30"	_____	INSPECTOR <u>Ned Huntley</u>
						SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	8	15	11	Moist	0.3'	Asphalt.	1	2.0'	1.2'
		2.0'-4.0'	D	11	10	10	Med.Dense	2.0'	Black Brown fine medium Sand, little fine Gravel, trace Silt. (Misc. Fill)	2	2.0'	1.4'
		4.0'-5.0'	D	3	100		Moist		Red Brown fine medium Sand, little fine Gravel, little Silt, trace	3	1.0'	0.9'
							Dry	4.0'	Weathered Sandstone.			
							V.Dense	5.0'	Brown fine Sand, little Silt, little fine Gravel. Weathered Sandstone.			
									Refusal at 5.0'			

GROUND SURFACE TO <u>4.0'</u>	USED <u>HSA</u>	"CASING: THEN <u>Sampler Refused at 5.0'</u>	SUMMARY: Earth Boring <u>5.0'</u> Rock Coring _____ Samples <u>3</u>
Sample Type D=Dry C=Cored W=Washed UP=Undisturbed Piston TP=Test Pit A=Auger V=Vane Test UT=Undisturbed Thinwall	Proportions Used trace 0 to 10% little 10 to 20% some 20 to 35% and 35 to 50%	140lb Wt. x 30" fall on 2" O.D. Sampler Cohesionless Density 0-10 Loose 10-30 Med. Dense 30-50 Dense 50+ Very Dense	Cohesive Consistency 0-4 Soft 30+ Hard 4-8 M/Stiff 8-15 Stiff 15-30 V-Stiff

HOLE NO B-7

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-8

LINE & STA. _____

OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, MA

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners Falls, MA.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS

At 0 after 0 Hours

At _____ after _____ Hours

CASING	SAMPLER	CORE BAR.
Type <u>HSA</u>	<u>SS</u>	_____
Size I.D. <u>3 3/4"</u>	<u>1 3/8"</u>	_____
Hammer Wt. _____	<u>140 lb</u>	<u>BIT</u>
Hammer Fall _____	<u>30"</u>	_____

SURFACE ELEV. _____

DATE STARTED 5-3-88

DATE-COMPL. 5-3-88

BORING FOREMAN L. Cheeseman

INSPECTOR Ned Huntley

SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
		0.0'-2.0'	D	6	9	13	Dry		Black Brown fine coarse Sand, little fine Gravel.	1	2.0'	1.0'
						100	V.Dense	1.0'				
								2.0'	Weathered Sandstone.			
									Refusal at 2.0'			

GROUND SURFACE TO 2.0'

USED HSA

"CASING: THEN Sampler Refusal at 2.0'

Sample Type

D=Dry C=Cored W=Washed

UP=Undisturbed Piston

TP=Test Pit A=Auger V=Vane Test

UT=Undisturbed Thinwall

Proportions Used

trace 0 to 10%

little 10 to 20%

some 20 to 35%

and 35 to 50%

140 lb Wt. x 30" fall on 2" O.D. Sampler

Cohesionless Density

0-10 Loose

10-30 Med. Dense

30-50 Dense

50+ Very Dense

Cohesive Consistency

0-4 Soft 30+ Hard

4-8 M/Stiff

8-15 Stiff

15-30 V-Stiff

SUMMARY:

Earth Boring 2.0'

Rock Coring _____

Samples _____

HOLE NO B-8

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Assoc.

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

ADDRESS Northampton, MA

LOCATION Turners Falls, MA.

PROJ. NO. _____
OUR JOB NO. 88-209

Bit # _____ Ftg. _____

Bit # _____ Ftg. _____

SHEET 1 OF 1
DATE 5-6-88
HOLE NO. B-1
LINE & STA. _____
OFFSET _____

GROUND WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>0</u> after <u>0</u> Hours	Type <u>HSA</u>	<u>SS</u>			DATE STARTED <u>5-2-88</u>
At _____ after _____ Hours	Size I.D. <u>3 3/4"</u>	<u>1 3/8"</u>			DATE COMPL. <u>5-2-88</u>
	Hammer Wt. _____	<u>140 lb</u>	<u>BIT</u>		BORING FOREMAN <u>L. Cheeseman</u>
	Hammer Fall _____	<u>30"</u>			INSPECTOR <u>Ned Huntley</u>
					SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	12	5	6	Dry	0.3'	Brown Topsoil. Fill	1	2.0'	1.0'
		2.0'-3.5'	D	6	13	100	Med. Dense Dry V. Dense	2.0'	Black fine medium Sand, trace fine Gravel, little Silt. (Fill).	2	1.5'	0.7'
		4.0'-5.0'	D	12	100		Dry V. Dense	5.0'	Brown fine Sand, little Silt.	3	1.0'	0.4'
									Refusal at 5.0'			

GROUND SURFACE TO 5.0' USED HSA "CASING: THEN Auger Refusal at 5.0'

<p>Sample Type</p> <p>D=Dry C=Cored W=Washed</p> <p>UP=Undisturbed Piston</p> <p>TP=Test Pit A=Auger V=Vane Test</p> <p>UT=Undisturbed Thinwall</p>	<p>Proportions Used</p> <p>trace 0 to 10%</p> <p>little 10 to 20%</p> <p>some 20 to 35%</p> <p>and 35 to 50%</p>	<p>140lb Wt. x 30" fall on 2" O.D. Sampler</p> <p>Cohesionless Density</p> <p>0-10 Loose</p> <p>10-30 Med. Dense</p> <p>30-50 Dense</p> <p>50+ Very Dense</p>	<p>Cohesive Consistency</p> <p>0-4 Soft</p> <p>4-8 M/Stiff</p> <p>8-15 Stiff</p> <p>15-30 V-Stiff</p> <p>30+ Hard</p>	<p>SUMMARY:</p> <p>Earth Boring <u>5.0'</u></p> <p>Rock Coring _____</p> <p>Samples <u>3</u></p>
---	--	---	---	--

HOLE NO B-1

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Associates

Bit # _____ Fig. _____

Bit # _____ Fig. _____

PROJECT NAME Heritage Park Site Assessment

ADDRESS Northampton, Ma.

REPORT SENT TO Client

LOCATION Turners Falls, MA.

SAMPLES SENT TO Taken at Site

PROJ. NO. _____

OUR JOB NO. 88-209

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-1A

LINE & STA. _____

OFFSET _____

GROUND WATER OBSERVATIONS

At 0 after 0 Hours

At _____ after _____ Hours

CASING		SAMPLER	CORE BAR
Type	<u>HSA</u>	<u>SS</u>	_____
Size I.D.	<u>3 3/4"</u>	<u>1 3/8"</u>	_____
Hammer Wt.	_____	<u>140 lb</u>	<u>BIT</u>
Hammer Fall	_____	<u>30"</u>	_____

SURFACE ELEV. _____

DATE STARTED 5-2-88

DATE COMPL. 5-2-88

BORING FOREMAN L. Cheeseman

INSPECTOR Ned Huntley

SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
									NOTE: Pulled forward 5.0' Brown fine Sand, little Silt.			
								5.0'	Refusal at 5.0'			

GROUND SURFACE TO 5.0' USED HSA "CASING: THEN Auger Refusal at 5.0'

<p>Sample Type</p> <p>D=Dry C=Cored W=Washed</p> <p>UP=Undisturbed Piston</p> <p>TP=Test Pit A=Auger V=Vane Test</p> <p>UT=Undisturbed Thinwall</p>	<p>Proportions Used</p> <p>trace 0 to 10%</p> <p>little 10 to 20%</p> <p>some 20 to 35%</p> <p>and 35 to 50%</p>	<p>140 lb Wt. x 30" fall on 2" O.D. Sampler</p> <table border="0"> <tr><td>Cohesionless Density</td><td>Cohesive Consistency</td></tr> <tr><td>0-10 Loose</td><td>0-4 Soft</td></tr> <tr><td>10-30 Med. Dense</td><td>4-8 M/Stiff</td></tr> <tr><td>30-50 Dense</td><td>8-15 Stiff</td></tr> <tr><td>50+ Very Dense</td><td>15-30 V-Stiff</td></tr> </table>	Cohesionless Density	Cohesive Consistency	0-10 Loose	0-4 Soft	10-30 Med. Dense	4-8 M/Stiff	30-50 Dense	8-15 Stiff	50+ Very Dense	15-30 V-Stiff	<p>SUMMARY:</p> <p>Earth Boring <u>5.0'</u></p> <p>Rock Coring _____</p> <p>Samples _____</p>
Cohesionless Density	Cohesive Consistency												
0-10 Loose	0-4 Soft												
10-30 Med. Dense	4-8 M/Stiff												
30-50 Dense	8-15 Stiff												
50+ Very Dense	15-30 V-Stiff												

HOLE NO B-1A

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Associates

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

Bit # _____ Fig. _____

Bit # _____ Fig. _____

ADDRESS Northampton, MA

LOCATION Turners Falls, MA.

PROJ. NO. _____

OUR JOB NO. 88-209

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-2

LINE & STA. _____

OFFSET _____

GROUND WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>0</u> after <u>0</u> Hours	Type	<u>HSA</u>	<u>SS</u>	_____	DATE STARTED <u>5-2-88</u>
At _____ after _____ Hours	Size I.D.	<u>3 3/4"</u>	<u>1 3/8"</u>	_____	DATE COMPL. <u>5-2-88</u>
	Hammer Wt.	_____	<u>140 lb</u>	<u>BIT</u>	BORING FOREMAN <u>L. Cheeseman</u>
	Hammer Fall	_____	<u>30"</u>	_____	INSPECTOR <u>Ned Huntley</u>
					SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.5'-2.5'	D	37	7	6	Moist	0.6'	Black Ash and fine Sand, trace Silt, trace fine Gravel. (Fill).	1	2.0'	1.2'
		2.5'-4.5'	D	5	5	4	Loose		Brown fine Sand, little Silt.	2	2.0'	0.6'
		4.5'-5.3'	D	50	100	3	Moist	4.5'	Brown fine Sand, little Silt, trace fine Gravel.	3	0.8'	0.8'
							Dry		Red fine Sand, some Silt, trace Weathered Sandstone.			
							V.Dense		Red fine medium Sand, some Silt, trace Weathered Sandstone.			
								5.0'	Weathered Sandstone.			
								5.4'	Refusal at 5.4'			

GROUND SURFACE TO 4.5'

USED HSA "CASING: THEN Sampler Refused at 5.4'

Sample Type

D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used

trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.O. Sampler

Cohesionless Density	Cohesive Consistency
0-10 Loose	0-4 Soft 30 + Hard
10-30 Med. Dense	4-8 M/Stiff
30-50 Dense	8-15 Stiff
50+ Very Dense	15-30 V-Stiff

SUMMARY:

Earth Boring 5.4'
 Rock Coring _____
 Samples 3

HOLE NO B-2

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-3

LINE & STA. _____

OFFSET _____

TO Almer Huntley Jr. & Associates

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

ADDRESS Northampton, MA.

LOCATION Turners Falls, MA

PROJ. NO. _____

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS

At 0 after 0 Hours

At _____ after _____ Hours

CASING SAMPLER CORE BAR.
 Type HSA SS _____
 Size I.D. 3 3/4" 1 3/8" _____
 Hammer Wt. _____ 140 lb BIT
 Hammer Fall _____ 30" _____

SURFACE ELEV. _____
 DATE STARTED 5-2-88
 DATE COMPL. 5-2-88
 BORING FOREMAN L. Cheeseman
 INSPECTOR Ned Huntley
 SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
		0.0'-2.0'	D	5	4	7	Moist	0.6'	Brown Loamy Topsoil. w/ Misc. Fill.	1	2.0'	1.0'
						8	Med. Dense	0.8'	Brown fine coarse Sand Layers.			
		2.0'-4.0'	D	6	6	3	Dry Loose	2.0'	Red fine medium Sand, little Silt, little fine Gravel.	2	2.0'	1.4'
						4						
		4.0'-5.0'	D	3	100		Dry V. Dense	3.5'	Black fine Sand, trace Silt, trace fine Gravel. w/Misc. Fill.	3	1.0'	1.0'
									Red fine Sand, little Silt, trace fine Gravel, trace Weathered Sandstone.			
								4.5'	" " "			
								5.0'	Weathered Sandstone.			
									Refusal at 5.0'			

GROUND SURFACE TO 4.0' USED HSA "CASING: THEN Sampled Refusal at 5.0'

Sample Type	Proportions Used	140lb Wt. x 30" fall on 2" O.D. Sampler	SUMMARY
D=Dry C=Cored W=Washed	trace 0 to 10%	Cohesionless Density	Earth Boring <u>5.0'</u>
UP=Undisturbed Piston	little 10 to 20%	0-10 Loose	Rock Coring _____
TP=Test Pit A=Auger V=Vane Test	some 20 to 35%	10-30 Med. Dense	Samples <u>3</u>
UT=Undisturbed Thinwall	and 35 to 50%	30-50 Dense	
		50+ Very Dense	
		0-4 Soft 30+ Hard	
		4-8 M/Stiff	
		8-15 Stiff	
		15-30 V-Stiff	

HOLE NO B-3

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-4

LINE & STA. _____

OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, MA.
LOCATION Turners Falls, MA.

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS

At _____ after _____ Hours

Type _____

CASING _____

SAMPLER _____

CORE BAR. _____

SURFACE ELEV. _____

At _____ after _____ Hours

Size I.D. _____

HSA

SS

3 3/4"

1 3/8"

Hammer Wt. _____

140 lb

BIT

Hammer Fall _____

30"

DATE STARTED 5-2-88

DATE COMPL. 5-2-88

BORING FOREMAN I. Cheeseman

INSPECTOR Ned Huntley

SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	4	4	3	Moist	0.4'	Brown fine coarse Sand, little fine Gravel, trace Silt. (Clean Fill).	1	2.0'	1.4'
		2.0'-4.0'	D	6	8	19	Loose					
						62	Moist	2.5'	Black fine medium Sand, trace Silt, trace fine Gravel. (mostly Misc. Fill).	2	2.0'	1.5'
							V.Dense	3.0'	Red Brown fine Sand, little Silt, trace fine Gravel.			
								4.0'	Red Weathered Sandstone. Possible Rock.			
									Refusal at 4.0'			

GROUND SURFACE TO 2.0'

USED HSA "CASING: THEN Refusal at 4.0'

Sample Type

D=Dry C=Cored W=Washed
UP=Undisturbed Piston
TP=Test Pit A=Auger V=Vone Test
UT=Undisturbed Thinwall

Proportions Used

trace 0 to 10%
little 10 to 20%
some 20 to 35%
and 35 to 50%

140lb Wt. x 30" fall on 2" O.O. Sampler
Cohesionless Density Cohesive Consistency
0-10 Loose 0-4 Soft 30+ Hard
10-30 Med. Dense 4-8 M/Stiff
30-50 Dense 8-15 Stiff
50+ Very Dense 15-30 V-Stiff

SUMMARY:

Earth Boring 4.0'
Rock Coring 2
Samples _____

HOLE NO B-4

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B-9
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates
 PROJECT NAME Heritage Park Site Assessment
 REPORT SENT TO Client
 SAMPLES SENT TO Taken at Site

ADDRESS Northampton, Ma.
 LOCATION Turners Falls, MA.
 PROJ. NO. _____
 OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		Type Size I.D. Hammer Wt. Hammer Fall	CASING HSA 3 3/4"	SAMPLER SS 1 3/8" 140 lb 30"	CORE BAR. BIT	SURFACE ELEV.	
At <u>0</u> after <u>0</u> Hours	At _____ after _____ Hours					DATE STARTED <u>5-3-88</u>	DATE COMPL. <u>5-3-88</u>
						BORING FOREMAN <u>L. Cheeseman</u>	
						INSPECTOR <u>Ned Huntley</u>	
						SOILS ENGR. _____	

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	6	9	12	Dry	0.4'	Brown fine Sand, some Silt.	1	2.0'	1.1'
		2.0'-3.0'	D	8	100		Med.Dense Dry V.Dense	2.2'	Blackish Brown fine coarse Sand, little fine Gravel. Mostly Misc. Fill. " " "	2	1.0'	1.0'
								3.0'	Red Brown fine Sand, little Silt, little fine Gravel.			
								4.0'	Weathered Sandstone.			
									Refusal at 4.0'			

GROUND SURFACE TO 4.0'

USED HSA

"CASING: THEN Auger Refusal at 4.0'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
Cohesionless Density
 0-10 Loose
 10-30 Med. Dense
 30-50 Dense
 50+ Very Dense
Cohesive Consistency
 0-4 Soft
 4-8 M/Stiff
 8-15 Stiff
 15-30 V-Stiff

SUMMARY:
 Earth Boring 4.0'
 Rock Coring _____
 Samples 2

HOLE NO B-9

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B-10
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates
 PROJECT NAME Heritage Park Site Assessment
 REPORT SENT TO Client
 SAMPLES SENT TO Taken at Site

ADDRESS Northampton, MA.
 LOCATION Turners Falls, MA.
 PROJ. NO. _____
 OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		Type Size I.D. Hammer Wt. Hammer Fall	CASING HSA 3 3/4"	SAMPLER SS 1 3/8" 140 lb 30"	CORE BAR. BIT	SURFACE ELEV. _____
At <u>0</u> after <u>0</u> Hours	DATE STARTED <u>5-3-88</u>					
At _____ after _____ Hours	DATE COMPL. <u>5-3-88</u>					BORING FOREMAN <u>L. Cheeseman</u>
						INSPECTOR <u>Ned. Huntley</u>
						SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	10	7	8	Dry		Gray fine Sand, some Silt, trace fine Gravel.	1	2.0	1.1'
		2.0'-2.5'	D	100	.5		Med. Dense	2.0'	Black fine medium Sand, little fine Gravel, trace Silt.	2	0.5	0.5'
							Dry	2.2'	Gravel, trace Silt.			
							V. Dense	4.0'	Weathered Sandstone.			
									Refusal at 4.0'			

GROUND SURFACE TO 4.0' USED HSA "CASING: THEN Auger Refusal at 4.0'

Sample Type D=Dry C=Cared W=Washed UP=Undisturbed Piston TP=Test Pit A=Auger V=Vane Test UT=Undisturbed Thinwall	Proportions Used trace 0 to 10% little 10 to 20% some 20 to 35% and 35 to 50%	140 lb Wt. x 30" fall on 2" O.D. Sampler Cohesionless Density 0-10 Loose 10-30 Med. Dense 30-50 Dense 50+ Very Dense	Cohesive Consistency 0-4 Soft 30+ Hard 4-8 M/Stiff 8-15 Stiff 15-30 V-Stiff	SUMMARY: Earth Boring <u>4.0'</u> Rock Coring Samples <u>2</u>
--	---	---	---	---

HOLE NO B-10

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, MA

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners Falls, MA

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B-12

LINE & STA. _____

OFFSET _____

GROUND WATER OBSERVATIONS

At 0 after 0 Hours

At _____ after _____ Hours

CASING	SAMPLER	CORE BAR.
Type <u>HSA</u>	<u>SS</u>	_____
Size I.D. <u>3 3/4"</u>	<u>1 3/8"</u>	_____
Hammer Wt. _____	<u>140 lb</u>	<u>BIT</u>
Hammer Fall _____	<u>30"</u>	_____

SURFACE ELEV. _____
DATE STARTED <u>5-3-88</u>
DATE COMPL. <u>5-3-88</u>
BORING FOREMAN <u>L. Cheeseman</u>
INSPECTOR <u>Ned Huntley</u>
SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0'-2.0'	D	5	10	13	Moist		Brown fine coarse Sand, some fine Gravel, trace Silt. (Fill).	1	2.0'	1.7'
		2.0'-4.0'	D	9	5	3	Med.Dense	2.0'	Brown fine medium Sand, little fine Gravel, little Silt.	2	2.0'	1.1'
		4.0'-6.0'	D	3	1	2	Loose	3.5'	Brown Gray fine Sand, some Silt, trace fine Gravel.	3	2.0'	1.1'
		6.0'-7.5'	D	10	41	100	Moist Loose Dry	6.0'	" " "	4	1.5'	1.0'
							V.Dense	7.0'	Brown fine coarse Sand, some fine Gravel, trace Silt.			
								7.5'	Weathered Sandstone.			
									Refusal at 7.5'			

GROUND SURFACE TO 6.0'

USED HSA

"CASING: THEN Sampler Refused at 7.5'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50 + Very Dense 15-30 V-Stiff

SUMMARY:
 Earth Boring 7.5'
 Rock Coring _____
 Samples 4

HOLE NO B-12

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Associates

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

Bit # _____ Fig. _____

Bit # _____ Fig. _____

ADDRESS Northampton, Ma.

LOCATION Turners Falls, Ma.

PROJ. NO. _____

OUR JOB NO. 88-209

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B - 13

LINE & STA. _____

OFFSET _____

GROUND WATER OBSERVATIONS		Type	CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>20.0'</u>	after <u>24</u> Hours					
At _____	after _____ Hours	Size I.D.	HSA	SS	_____	DATE STARTED <u>5-3-88</u>
		Hammer Wt.	<u>3 3/4</u>	<u>1 3/8</u>	_____	DATE COMPL. <u>5-4-88</u>
		Hammer Fall	_____	<u>140</u>	BIT	BORING FOREMAN <u>L. Cheeseman</u>
			_____	<u>30"</u>	_____	INSPECTOR <u>Ned Huntley</u>
						SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	9	13	26	Dry	1.0'	Red f-c Sand, little Silt, little fine Gravel (Fill)	1	2.0'	1.1'
		2.0' - 4.0'	D	25	10	9	Med. Dense	2.0'	Brown f-c Sand, little fine Gravel trace Silt	2	2.0'	0.9'
		4.0' - 6.0'	D	63	10	7	Moist	4.0'	Brown & Black f-c Sand, little fine Gravel, trace Silt (Fill)	3	2.0'	0.7'
		6.0' - 8.0'	D	5	5	4	Med. Dense	6.0'	Black f-c Sand, little fine Gravel Garbage Fill	4	2.0'	1.0'
		8.0' - 10.0'	D	11	9	8	Moist	7.0'	Gray Brown Silt and fine Sand, trace Clay	5	2.0'	1.5'
		10.0' - 12.0'	D	8	6	6	Med. Dense	8.0'	Brown f-c Sand, little fine Gravel little Silt	6	2.0'	1.5'
		12.0' - 14.0'	D	4	3	12	V. Dense	9.0'	Gray Silt and fine Sand	7	2.0'	0.6'
		14.0' - 15.0'	D	51	100		Moist	12.0'	Brown f-c Sand, little fine Gravel trace Silt.	8	1.0'	0.5'
							V. Dense	14.0'	Brown f-c Sand, little fine Gravel trace Silt, misc. Fill, Wood, Glass			
		18.0' - 20.0'	D	16	36	55	Dry	14.5'	Brown f-c Sand, little fine Gravel little Silt	9	2.0'	2.0'
						82	V. Dense	18.0'	Gray Silt and fine Sand, trace Clay			
								18.0'	Brown f-c Sand, little fine Gravel trace Silt.			
								25.0'	Weathered Sandstone			
									Refusal at 25.0'			

GROUND SURFACE TO <u>25.0'</u>	USED <u>HSA</u>	"CASING: THEN <u>Refusal at 25.0'</u>
Sample Type	Proportions Used	140lb Wt. x 30" fall on 2" O.D. Sampler
D=Dry C=Cored W=Washed	trace 0 to 10%	Cohesionless Density
UP=Undisturbed Piston	little 10 to 20%	Cohesive Consistency
TP=Test Pit A=Auger V=Vane Test	some 20 to 35%	0-10 Loose 0-4 Soft 30+ Hard
UT=Undisturbed Thinwall	and 35 to 50%	10-30 Med. Dense 4-8 M/Stiff
		30-50 Dense 8-15 Stiff
		50+ Very Dense 15-30 V-Stiff
		SUMMARY:
		Earth Boring <u>25.0'</u>
		Rock Coring _____
		Samples <u>9</u>
		HOLE NO B - 13

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 14
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, Ma.

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners Falls, Ma.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		Type HSA	CASING 3 3/4	SAMPLER SS	CORE BAR.	SURFACE ELEV.	
At <u>12.0'</u>	after <u>0</u> Hours					DATE STARTED <u>5-4-88</u>	
At _____	after _____ Hours	Size I.D. _____	1 3/8	_____	_____	DATE COMPL. <u>5-4-88</u>	
		Hammer Wt. _____	140	_____	BIT	BORING FOREMAN <u>L. Cheeseman</u>	
		Hammer Fall _____	30"	_____	_____	INSPECTOR <u>Ned Huntley</u>	
						SOILS ENGR. _____	

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	12	9	12	Dry	.2'	Red Gravel process	1	2.0'	1.1'
						11	Med. Dense		Black Brown fine Sand, little fine Gravel, trace Silt	2	2.0'	0.6'
		2.0' - 4.0'	D	10	6	5	Dry	1.0'	Brown f-c Sand, little fine Gravel trace Silt.	3	2.0'	1.5'
						4	Loose		Brown f-c Sand, little fine Gravel trace Silt	4	2.0'	1.4'
		4.0' - 6.0'	D	4	5	5	Dry		Brown f-c Sand, little fine Gravel trace Silt	5	2.0'	1.1'
						10	Med. Dense		Brown f-c Sand, little fine Gravel trace Silt	6	2.0'	1.6'
		6.0' - 8.0'	D	20	23	16	Dry		Brown f-c Sand, little fine Gravel trace Silt	7	2.0'	1.4'
						16	Dense		Brown f-c Sand, little fine Gravel trace Silt	8	2.0'	2.0'
		8.0' - 10.0'	D	15	12	17	Moist	5.0'	Brown fine Sand little Silt, trace fine Gravel.	9	2.0'	2.0'
						31	V. Dense		Brown f-c Sand, little fine Gravel trace Silt			
		10.0' - 12.0'	D	7	24	33	Moist	6.0'	Brown f-c Sand, little fine Gravel trace Silt			
						31	V. Dense		Brown f-c Sand, little fine Gravel trace Silt			
		12.0' - 14.0'	D	27	21	46	Moist		Brown f-c Sand, little fine Gravel trace Silt			
						100	V. Dense		Brown f-c Sand, little fine Gravel trace Silt			
		14.0' - 16.0'	D	9	10	14	Moist	8.5'	Brown f-c Sand, little fine Gravel trace Silt			
						25	V. Dense		Brown f-c Sand, little fine Gravel trace Silt			
		16.0' - 18.0'	D	33	35	32	Wet	9.0'	Brown f-c Sand, little fine Gravel trace Silt			
						100	V. Dense		Brown f-c Sand, little fine Gravel trace Silt			
								10.0'	Brown f-m Sand, trace fine Gravel little Silt.			
								10.5'	Brown f-c Sand, some fine Gravel trace Silt			
								17.0'	Red f-m Sand, little Silt, little fine Gravel (Till)			
								17.9'	" " "			
								18.0'	Top Rock			
									Refusal at 18.0'			

GROUND SURFACE TO 16.0'

USED HSA

"CASING: THEN Refusal at 18.0'

Sample Type

D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used

trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30+ Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50+ Very Dense 15-30 V-Stiff

SUMMARY

Earth Boring 18.0'
 Rock Coring _____
 Samples 9

HOLE NO B - 14

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Associates

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

ADDRESS Northampton, Ma.

LOCATION Turners Falls, Ma.

PROJ. NO. _____

OUR JOB NO. 88-209

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 Of 1

DATE 5-6-88

HOLE NO. B - 15

LINE & STA. _____

OFFSET _____

GROUND WATER OBSERVATIONS

at 6.0' after 0 Hours

At _____ after _____ Hours

CASING SAMPLER CORE BAR.

Type HSA SS _____
 Size I.D. 3 3/4 1 3/8 _____
 Hammer Wt. _____ 140 _____
 Hammer Fall _____ 30" BIT _____

SURFACE ELEV.

DATE STARTED 5-4-88
 DATE COMPL. 5-4-88
 BORING FOREMAN L. Cheeseman
 INSPECTOR Ned Huntley
 SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	1	4	6	Moist		Black f-m Sand, little fine Gravel trace Silt, (misc. Fill)	1	2.0'	1.1'
		2.0' - 4.0'	D	7	14	14	Med. Dense	1.0'	Brown f-m Sand, little Silt, trace fine Gravel.	2	2.0'	0.4'
		4.0' - 6.0'	D	14	17	14	Moist		Brown f-m Sand, little Silt, trace fine Gravel.	3	2.0'	1.4'
		6.0' - 8.0'	D	13	9	13	Med. Dense	3.0'	Brown f-c Sand, some fine Gravel trace Silt.	4	2.0'	1.0'
		8.0' - 10.0'	D	7	10	12	Moist		" " "	5	2.0'	1.7'
		10.0' - 12.0'	D	10	13	13	Med. Dense	8.2'	" " "	6	2.0'	2.0'
		12.0' - 14.0'	D	17	20	25	Moist	8.5'	Brown fine Sand and Silt	7	2.0'	1.5'
						100	V. Dense	8.8'	Gray Brown f-m Sand, little Silt			
								9.0'	Gray Silt layers			
									Brown fine Sand, some Silt			
								13.0'	Brown fine Sand, some Silt			
									" " "			
								14.0'	Red f-m Sand some Silt, little fine Gravel, Till.			
									Refusal at 14.0'			

GROUND SURFACE TO 12.0'

USED HSA

"CASING: THEN Refusal at 14.0'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Throwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50 + Very Dense 15-30 V-Stiff

SUMMARY
 Earth Boring 14.0'
 Rock Coring _____
 Samples 7

HOLE NO B - 15

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

TO Almer Huntley Jr. & Associates
 PROJECT NAME Heritage Park Site Assessment
 REPORT SENT TO Client
 SAMPLES SENT TO Taken at Site

Bit # _____ Fig. _____
 ADDRESS Northampton, Ma.
 LOCATION Turners Falls, Ma.
 PROJ. NO. _____
 OUR JOB NO. 88-209

SHEET 1 of 1
 DATE 5-6-88
 HOLE NO. B - 16
 LINE & STA. _____
 OFFSET _____

GROUND WATER OBSERVATIONS	CASING	SAMPLER	CORE BAR.	SURFACE ELEV.	
At <u>0'</u> after <u>0</u> Hours At _____ after _____ Hours	Type <u>HSA</u>	SS	_____	DATE STARTED <u>5-4-88</u>	
	Size I.D. <u>3 3/4</u>	<u>1 3/8</u>	_____	DATE COMPL. <u>5-4-88</u>	
	Hammer Wt. _____	<u>140</u>	BIT	BORING FOREMAN <u>L. Cheeseman</u>	
	Hammer Fall _____	<u>30"</u>	_____	INSPECTOR <u>Ned Huntley</u>	
				SOILS ENGR. _____	

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION <small>Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.</small>	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	2	4	5	Dry			1	2.0'	1.4'
							Loose					
		2.0' - 3.0'	D	37	100		Moist	2.0'	Red Brown Black fine Sand, little fine Gravel, little Silt with misc. Fill, Wood, Glass Coal and Ash	2	1.0'	1.0'
							V. Dense	2.5'	Brown f-c Sand, trace Silt			
								4.0'	Weathered Sandstone			
									Refusal at 4.0'			

GROUND SURFACE TO <u>4.0'</u>	USED <u>HSA</u>	"CASING: THEN <u>Refusal at 4.0'</u>	SUMMARY: Earth Boring <u>4.0'</u> Rock Coring _____ Samples <u>2</u>
Sample Type D=Dry C=Cored W=Washed UP=Undisturbed Piston TP=Test Pit A=Auger V=Vane Test UT=Undisturbed Thinwall	Proportions Used trace 0 to 10% little 10 to 20% some 20 to 35% and 35 to 50%	140 lb Wt. x 30" fall on 2" O.D. Sampler Cohesionless Density 0-10 Loose 10-30 Med. Dense 30-50 Dense 50+ Very Dense	Cohesive Consistency 0-4 Soft 30+ Hard 4-8 M/Stiff 8-15 Stiff 15-30 V-Stiff

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B - 17

LINE & STA. _____

OFFSET _____

TO Almer Huntley Jr. & Associates

PROJECT NAME Heritage Park Site Assessment

REPORT SENT TO Client

SAMPLES SENT TO Taken at Site

ADDRESS Northampton, Ma.

LOCATION Turners Falls, Ma.

PROJ. NO. _____

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		Type HSA	CASING 3 3/4	SAMPLER SS	CORE BAR	SURFACE ELEV.
At <u>0</u>	after <u>0</u> Hours.					
At _____	after _____ Hours	Size I.D. 3 3/4	Hammer Wt. _____	1 3/8	BIT	DATE STARTED <u>5-4-88</u>
		Hammer Fall _____		140		DATE COMPL. <u>5-4-88</u>
				30"		BORING FOREMAN <u>L. Cheeseman</u>
						INSPECTOR <u>Ned Huntley</u>
						SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows -per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	5	6	7	Moist Med. Dense	1.8'	Brown f-c Sand, some fine Gravel trace Silt	1	2.0'	1.5'
		2.0' - 3.0'	D	8	100		Moist V. Dense	2.5'	Black f-m Sand, little fine Gravel trace Silt with Coal	2	1.0'	1.0'
								4.0'	Red weathered Sandstone			
									Refusal at 4.0'			

GROUND SURFACE TO 4.0'

USED HSA

"CASING: THEN Refusal at 4.0'

Sample Type
D=Dry C=Cored W=Washed
UP=Undisturbed Piston
TP=Test Pit A=Auger V=Vone Test
UT=Undisturbed Thinwall

Proportions Used
trace 0 to 10%
little 10 to 20%
some 20 to 35%
and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
Cohesionless Density Cohesive Consistency
0-10 Loose 0-4 Soft 30 + Hard
10-30 Med. Dense 4-8 M/Stiff
30-50 Dense 8-15 Stiff
50 + Very Dense 15-30 V-Stiff

SUMMARY:
Earth Boring 4.0'
Rock Coring _____
Samples 2

HOLE NO B - 17

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 18
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, Ma.

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners Falls, Ma.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>0</u> after <u>0</u> Hours	Type	HSA	SS	_____	DATE STARTED <u>5-4-88</u>
At _____ after _____ Hours	Size I.D.	3 3/4	1 3/8	_____	DATE COMPL. <u>5-4-88</u>
	Hammer Wt.	_____	140	BIT	BORING FOREMAN <u>L. Cheeseman</u>
	Hammer Fall	_____	30"	_____	INSPECTOR <u>Ned. Huntley</u>
					SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	1	2	3	Moist	0.6	Brown Loamy Top Soil	1	2.0'	1.1'
						4	Loose		Brown fine coarse Sand, little fine Gravel, trace Silt.			
		2.0' - 4.0'	D	5	10	20	Moist	2.0'		2	2.0'	0.8'
						12	V.Dense		Brown Black f-c Sand, little fine Gravel, trace Silt. (misc. Fill)			
		4.0' - 6.0'	D	13	11	14	Moist	5.0'	" " "	3	2.0'	1.7'
						32	V.Dense					
		6.0' - 6.5'	D	100			Moist	6.5'	Weathered Sandstone	4	0.5	0.5
							V.Dense		Weathered Sandstone			
									Refusal at 6.5'			

GROUND SURFACE TO 6.0'

USED HSA

"CASING: THEN Sampler Refusal, at 6.5'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Throwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50+ Very Dense 15-30 Very Stiff

SUMMARY:
 Earth Boring 6.5'
 Rock Coring _____
 Samples 4

HOLE NO. B - 18

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 19
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates

Bit # _____ Fig. _____

PROJECT NAME Heritage Park Site Assessment

ADDRESS Northampton, Ma.

REPORT SENT TO Client

LOCATION Turners Falls, Ma.

SAMPLES SENT TO Taken at Site

PROJ. NO. _____

OUR JOB NO. 88-209

GROUND-WATER OBSERVATIONS				CASING	SAMPLER	CORE BAR	SURFACE ELEV.
At <u>0</u>	after <u>0</u>	Hours	Type	<u>HSA</u>	<u>SS</u>	_____	DATE STARTED <u>5-4-88</u>
At _____	after _____	Hours	Size I.D.	<u>3 3/4</u>	<u>1 3/8</u>	_____	DATE COMPL. <u>5-4-88</u>
			Hammer Wt.	_____	<u>140</u>	<u>BIT</u>	BORING FOREMAN <u>L. Cheeseman</u>
			Hammer Fall	_____	<u>30"</u>	_____	INSPECTOR <u>Ned Huntley</u>
						_____	SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hard- ness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		<u>0.0' - 1.5'</u>	<u>D</u>	<u>1</u>	<u>2</u>	<u>100</u>	<u>Moist</u>	<u>0.5'</u>	<u>Black Loamy Top Soil</u>	<u>1</u>	<u>1.5'</u>	<u>1.1'</u>
							<u>V. Dense</u>	<u>1.5'</u>	<u>Brown fine Sand, little Silt.</u>			
									<u>Concrete Slab</u>			
									<u>Refusal at 1.5'</u>			

GROUND SURFACE TO <u>1.5'</u>	USED <u>HSA</u>	"CASING: THEN <u>Refusal at 1.5'</u>
Sample Type	Proportions Used	140lb Wt. x 30" fall on 2" O.D. Sampler
D= Dry C= Cored W= Washed	trace 0 to 10%	Cohesionless Density
UP= Undisturbed Piston	little 10 to 20%	Cohesive Consistency
TP= Test Pit A= Auger V= Vane Test	some 20 to 35%	0-4 Soft 30+ Hard
UT= Undisturbed Thinwall	and 35 to 50%	10-30 Med. Dense
		30-50 Dense
		50+ Very Dense
		8-15 Stiff
		15-30 V-Stiff

SUMMARY:
 Earth Boring 1.5'
 Rock Coring _____
 Samples 1
HOLE NO B - 19

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 20
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, Ma.

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners Falls, Ma.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>5.0'</u>	after <u>0</u> Hours	Type: <u>HSA</u>	<u>SS</u>	_____	DATE STARTED <u>5-5-88</u>
At _____	after _____ Hours	Size I.D. <u>3 3/4</u>	<u>1 3/8</u>	_____	DATE COMPL. <u>5-5-88</u>
		Hammer Wt. _____	<u>140</u>	<u>BIT</u>	BORING FOREMAN <u>L. Cheeseman</u>
		Hammer-Fall _____	<u>30"</u>	_____	INSPECTOR <u>Ned Huntley</u>
					SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	1	3	5	Moist	0.5'	Black Brown Loamy Top Soil	1	2.0'	1.6'
						9	Med. Dense	1.5'	Brown f-m Sand, little Silt			
		2.0' - 4.0'	D	8	5	8	Moist		Rusty Brown fine Sand, little Silt	2	2.0'	1.7'
						13	Med. Dense	2.3'	little fine Gravel.			
		4.0' - 6.0'	D	21	13	19	Wet	3.0'	Black Ash, Coal Glass, Fill	3	2.0'	1.1'
						100	V. Dense		Rusty Brown f-m Sand, trace Silt			
								5.5'	" " "			
								6.0'	Weathered Sandstone			
									Refusal at 6.0'			

GROUND SURFACE TO 4.0'

USED HSA

"CASING: THEN Sampler Refusal at 6.0'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50+ Very Dense 15-30 V-Stiff

SUMMARY:
 Earth Boring 6.0'
 Rock Coring _____
 Samples 3

HOLE NO B - 20

East Coast Drilling & Boring, Inc.

P. O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 21
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates
 PROJECT NAME Heritage Park Site Assessment
 REPORT SENT TO Client
 SAMPLES SENT TO Taken at Site

ADDRESS Northampton, Ma.
 LOCATION Turners Falls, Ma.
 PROJ. NO. _____
 OUR JOB NO. 88-209

GROUND-WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>0</u>	after <u>0</u> Hours.	Type <u>HSA</u>	<u>SS</u>		DATE STARTED <u>5-5-88</u>
At _____	after _____ Hours	Size I.D. <u>3 3/4</u>	<u>1 3/8</u>		DATE COMPL. <u>5-5-88</u>
		Hammer Wt. _____	<u>140</u>	BIT	BORING FOREMAN <u>L. Cheeseman</u>
		Hammer Fall _____	<u>30"</u>		INSPECTOR <u>Ned Huntley</u>
					SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	9	8	3	Moist	0.3'	Asphalt	1	2.0'	0.5'
		2.0' - 4.0'	D	6	5	4	Loose		Brown f-c Sand, little fine Gravel trace Silt, (Fill).	2	2.0'	1.1'
		4.0' - 5.0'	D	3	100		Med. Dense	3.9'	" " "			
							Moist	4.0'	Weathered Sandstone	3	1.0'	1.0'
							V. Dense	4.5'	Brown f-c Sand, little fine Gravel, trace Silt.			
								7.0'	Weathered Sandstone.			
									Refusal at 7.0'			

GROUND SURFACE TO 7.0'

USED HSA

"CASING: THEN Auger Refusal at 7.0'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50 + Very Dense 15-30 V-Stiff

SUMMARY
 Earth Boring 7.0'
 Rock Coring _____
 Samples 3

HOLE NO B - 21

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 22
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, Ma.

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners-Falls, Ma.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

<p>GROUND WATER OBSERVATIONS:</p> <p>At <u>0</u> after <u>0</u> Hours</p> <p>At _____ after _____ Hours</p>	<p>CASING <u>HSA</u></p> <p>SAMPLER <u>SS</u></p> <p>CORE BAR. _____</p> <p>Type- _____</p> <p>Size I.D. <u>3 3/4</u></p> <p>1 3/8 _____</p> <p>Hammer Wt. _____</p> <p>140 _____</p> <p>Hammer Fall _____</p> <p>30" _____</p> <p>BIT _____</p>	<p>SURFACE ELEV. _____</p> <p>DATE STARTED <u>5-5-88</u></p> <p>DATE COMPL. <u>5-5-88</u></p> <p>BORING FOREMAN <u>L. Cheeseman</u></p> <p>INSPECTOR <u>Ned Huntley</u></p> <p>SOILS ENGR. _____</p>
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LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From-To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata-Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	5	8	3	Moist	0.4'	Asphalt	1	2.0'	1.0'
		2.0' - 3.5'	D	16	7	100	Med.Dense Moist V.Dense	2.8'	Brown f-c Sand, little fine Gravel trace Silt. (misc. Fill, Brick)	2	1.5'	1.1'
								5.0'	Weathered Sandstone			
									Refusal at 5.0'			

GROUND SURFACE TO <u>5.0'</u>	USED <u>HSA</u>	"CASING: THEN <u>Auger Refusal at 5.0'</u>										
<p>Sample Type</p> <p>D=Dry C=Cored W=Washed</p> <p>UP=Undisturbed Piston</p> <p>TP=Test Pit A=Auger V=Vone Test</p> <p>UT=Undisturbed Thinwall</p>	<p>Proportions Used</p> <p>trace 0 to 10%</p> <p>little 10 to 20%</p> <p>some 20 to 35%</p> <p>and 35 to 50%</p>	<p>140lb Wt. x 30" fall on 2" O.D. Sampler</p> <table style="width:100%;"> <tr> <th>Cohesionless Density</th> <th>Cohesive Consistency</th> </tr> <tr> <td>0-10 Loose</td> <td>0-4 Soft 30 + Hard</td> </tr> <tr> <td>10-30 Med. Dense</td> <td>4-8 M/Stiff</td> </tr> <tr> <td>30-50 Dense</td> <td>8-15 Stiff</td> </tr> <tr> <td>50+ Very Dense</td> <td>15-30 V-Stiff</td> </tr> </table>	Cohesionless Density	Cohesive Consistency	0-10 Loose	0-4 Soft 30 + Hard	10-30 Med. Dense	4-8 M/Stiff	30-50 Dense	8-15 Stiff	50+ Very Dense	15-30 V-Stiff
Cohesionless Density	Cohesive Consistency											
0-10 Loose	0-4 Soft 30 + Hard											
10-30 Med. Dense	4-8 M/Stiff											
30-50 Dense	8-15 Stiff											
50+ Very Dense	15-30 V-Stiff											
		<p>SUMMARY:</p> <p>Earth Boring <u>5.0'</u></p> <p>Rock Coring _____</p> <p>Samples <u>2</u></p> <p style="text-align: right;">HOLE NO B - 22</p>										

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 23
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates
 PROJECT NAME Heritage Park Site Assessment
 REPORT SENT TO Client
 SAMPLES SENT TO Taken at Site

ADDRESS Northampton, Ma.
 LOCATION Turners Falls, Ma.
 PROJ. NO. _____
 OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		Type _____ Size I.D. <u>3-3/4</u> Hammer Wt. _____ Hammer Fall _____	CASING <u>HSA</u>	SAMPLER <u>SS</u>	CORE BAR. _____	SURFACE ELEV. _____
At <u>0</u> after <u>0</u> Hours	At _____ after _____ Hours					
						DATE STARTED <u>5-5-88</u> DATE COMPL. <u>5-5-88</u> BORING FOREMAN <u>L. Cheeseman</u> INSPECTOR <u>Ned Huntley</u> SOILS ENGR. _____

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock - color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	To 6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	19	15	23	Dry	0.2	Asphalt	1	2.0'	1.0'
						16	V. Dense					
		2.0' - 4.0'	D	16	7	5	Dry	2.6'	Brown f-c Sand, little fine Gravel trace Silt (Fill)	2	2.0'	2.0'
						5	Med. Dense					
		4.0' - 6.0'	D	2	1	1	Dry		Brown fine Sand, little Silt, trace fine Gravel	3	2.0'	1.5'
						1	Loose		" " "			
		6.0' - 8.0'	D	1	1	1	Dry		" " "	4	2.0'	1.1'
						1	Loose		" " "			
		8.0' - 9.0'	D	4	100		Dry	9.0'	Weathered Rock	5	1.0'	1.0'
							V. Dense	10.0'	Weathered Sandstone			
									Refusal at 10.0'			

GROUND SURFACE TO 10.0'

USED HSA

"CASING: THEN Auger Refusal at 10.0'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50 + Very Dense 15-30 V-Stiff

SUMMARY:
 Earth Boring 10.0'
 Rock Coring _____
 Samples 5

HOLE NOB - 23

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Fig. _____

Bit # _____ Fig. _____

SHEET 1 OF 1

DATE 5-6-88

HOLE NO. B - 24

LINE & STA. _____

OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, Ma.

PROJECT NAME Heritage Park Site Assessment

LOCATION Turners Falls, Ma.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS			CASING	SAMPLER	CORE BAR.	SURFACE ELEV.		
At <u>0</u>	after <u>0</u>	Hours	Type: <u>HSA</u>	<u>SS</u>	_____	DATE STARTED	<u>5-5-88</u>	
			Size I.D. <u>3 3/4</u>	<u>1 3/8</u>	_____	DATE COMPL.	<u>5-5-88</u>	
At _____	after _____	Hours	Hammer Wt. _____	<u>140</u>	_____	BORING FOREMAN	<u>L. Cheeseman</u>	
			Hammer Fall _____	<u>30"</u>	<u>BIT</u>	INSPECTOR	<u>Ned Huntley</u>	
						SOILS ENGR.	_____	

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	12-18				No.	Pen	Rec.
		<u>0.0' - 1.0'</u>						<u>1.0'</u>	<u>Flight Sample Brown f-c Sand, little fine Gravel, trace Silt</u>	<u>1</u>	<u>1.0'</u>	<u>1.0'</u>
								<u>1.5'</u>	<u>Bedrock</u>			
									<u>Refusal at 1.5'</u>			

GROUND SURFACE TO 1.5' USED HSA "CASING: THEN Auger Refusal at 1.5'

<p>Sample Type D=Dry C=Cored W=Washed UP=Undisturbed Piston TP=Test Pit A=Auger V=Vane Test UT=Undisturbed Thinwall</p>	<p>Proportions Used trace 0 to 10% little 10 to 20% some 20 to 35% and 35 to 50%</p>	<p>140lb Wt. x 30" fall on 2" O.D. Sampler Cohesionless Density 0-10 Loose 10-30 Med. Dense 30-50 Dense 50+ Very Dense</p>	<p>Cohesive Consistency 0-4 Soft 30+ Hard 4-8 M/Stiff 8-15 Stiff 15-30 V-Stiff</p>	<p>SUMMARY: Earth Boring <u>1.5'</u> Rock Coring <u>1</u> Samples <u>1</u></p>
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HOLE NO B - 24

East Coast Drilling & Boring, Inc.

P.O. BOX 961 • WALLINGFORD, CT 06492

Bit # _____ Ftg. _____

Bit # _____ Ftg. _____

SHEET 1 OF 1
 DATE 5-6-88
 HOLE NO. B - 25
 LINE & STA. _____
 OFFSET _____

TO Almer Huntley Jr. & Associates

ADDRESS Northampton, Mass.

PROJECT NAME Heritage Park Site Assessment

LOCATION Barners Falls, Ma.

REPORT SENT TO Client

PROJ. NO. _____

SAMPLES SENT TO Taken at Site

OUR JOB NO. 88-209

GROUND WATER OBSERVATIONS		Type	CASING	SAMPLER	CORE BAR.	SURFACE ELEV.
At <u>0</u>	after <u>0</u> Hours					
At _____	after _____ Hours	Hammer Wt. _____	_____	1 3/8	DATE COMPL. <u>5-5-88</u>	
		Hammer Fall _____	_____	140	BORING FOREMAN <u>L. Cheeseman</u>	
			_____	30"	INSPECTOR _____	
					SOILS ENGR. _____	

LOCATION OF BORING:

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION Remarks include color, gradation, Type of soil etc. Rock-color, type, condition, hardness, Drilling time, seams and etc.	SAMPLE		
				From 0-6	6-12	To 12-18				No.	Pen	Rec.
		0.0' - 2.0'	D	10	14	7	Mbist	1.0'	Red f-m Sand, some fine Gravel	1	2.0'	1.6'
						4	Med.Dense	1.0'	(Process Fill)			
		2.0' - 4.0'	D	5	3	2	Mbist	1.4'	Brown f-c Sand, little fine Gravel	2	2.0'	1.1'
						8	Med.Dense	1.4'	trace Silt			
		4.0' - 6.0'	D	3	3	3	Mbist	1.6'	Black Tar, misc. Fill	3	2.0'	1.0'
						3	Loose		Brown f-m Sand, little fine Gravel			
		6.0' - 8.0'	D	5	6	9	Mbist		trace Silt	4	2.0'	1.5'
						6	Med.Dense	4.0'	" " "			
		8.0' - 10.0'	D	11	6	7	Mbist		Black Brown f-c Sand, little fine	5	2.0'	1.5'
						10	Med.Dense	6.0'	Gravel, trace Silt.			
								7.8'	Red Brown f-c Sand, some brick, misc. Fill.			
								8.0'	Brown f-m Sand, trace Silt, trace fine Gravel.			
								8.5'	Red Brick, misc. Fill.			
								10.0'	Brown f-c Sand, trace fine Gravel trace (-) Silt			
									Bottom of Boring 10.0'			

GROUND SURFACE TO 8.0'

USED HSA "CASING: THEN Sampled to 10.0'

Sample Type
 D=Dry C=Cored W=Washed
 UP=Undisturbed Piston
 TP=Test Pit A=Auger V=Vane Test
 UT=Undisturbed Thinwall

Proportions Used
 trace 0 to 10%
 little 10 to 20%
 some 20 to 35%
 and 35 to 50%

140lb Wt. x 30" fall on 2" O.D. Sampler
 Cohesionless Density Cohesive Consistency
 0-10 Loose 0-4 Soft 30 + Hard
 10-30 Med. Dense 4-8 M/Stiff
 30-50 Dense 8-15 Stiff
 50 + Very Dense 15-30 V-Stiff

SUMMARY
 Earth Boring 10.0'
 Rock Coring _____
 Samples 5

HOLE NO B - 25

ALPHA ANALYTICAL LABORATORIES
200 Homer Avenue
Ashland Technology Center
Ashland, Massachusetts 01721
(617) 881-3503

CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates Job Number: 880955
Address: P. O. Box 568 Invoice Number: 4592
30 Industrial Drive East Date In: 05/20/88
Northampton, MA 01061
Attn: Ned Huntley Date Reported: 06/03/88
Sample Description: Twenty-nine soil samples and one water sample
Almer, Huntley Job #250-072

REFERENCES:

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.
2. Standard Methods for Examination of Water and Waste Water. APHA-AWWA-WACF. 16th Edition. 1985.
3. Methods for Chemical Analysis of Water and Wastes. EPA 600/4-82-055. 1982.
4. Oil Spill Identification System. CG-D-52-77 U. S. Coast Guard. 1977.

Authorized by: Scott McLean
Scott McLean—Laboratory Director

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.1

Analysis Requested: Volatile Organics (624)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: BIA

Sample Location:

Sample Description: Soil

Sample Container: VOA vials

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.2

Analysis Requested: Volatile Organics (624)

Date Received: 05/20/88

Client Ident: B2A

Date Reported: 06/03/88

Sample Location:

Sample Description: Soil

Sample Container: VOA vials

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
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Volatile Organics

Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.3

Analysis Requested: Acid/Base/Neutral Extractables
with PCB's and Pesticides, and pH

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: CB1/2

Sample Location:

Sample Description: Soil

Sample Container: Glass jars

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Acid Extractables	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Base/Neutral Extractables								
Phenanthrene	400	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	——	06/02/88
Pesticides	ND	mg/Kg	0.025	GC	1	8080	——	06/02/88
pH	6.9	pH	——	Meter	2	423	——	05/25/88

1* A list of acid/base/neutral extractables, PCB's, and pesticides analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.4

Analysis Requested: EP Toxicity Extraction, Priority Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenol, Oil and Grease, and Volatile Organics (624)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B-3A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	0.03	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.09	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	800	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(k) fluoranthene	440	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	600	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	700	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	113	mg/Kg	40	Grav	2	503A/C	---	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.4S

Analysis Requested: Volatile Organics (624)
(spike recovery)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B-3A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER

%RECOVERY

Volatile Organics

Volatile Halocarbons

1,2-Dichloroethylene	102%
1,2-Dichloroethane	119%
1,1,1-Trichloroethane	117%
Bromodichloromethane	108%
Bromoform	119%
1,1,2,2-Tetrachloroethane	112%

Volatile Aromatics

Benzene	105%
Toluene	95%
Ethylbenzene	108%

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.5

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, PCB's, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B4A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.06	mg/L	0.01	ICP	1	6010	—	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	925	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)anthracene	500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	730	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b)fluoranthene	1,450	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	660	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(ghi)perylene	400	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	400	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Indeno(1,2,3-cd)pyrene	500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	900	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, volatile aromatics, and PCB's analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.5

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, PCB's, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B4A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	959	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, volatile aromatics, and PCB's analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.5D

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, and PCB's

Date Reported: 06/03/88

Client Ident: B4A (duplicate)

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.05	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	1,200	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	650	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b) fluoranthene	1,400	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	750	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	450	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	1,200	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, volatile aromatics, and PCB's analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.5D

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, and PCB's

Date Reported: 06/03/88

Client Ident: B4A (duplicate)

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	1,350	mg/Kg	40	Grav	2	503A/C	—	05/25/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, volatile aromatics, and PCB's analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.6

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatics Hydrocarbons, Oil
and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B5A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 5

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.02	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease								
	42	mg/Kg	40	Grav	2	503A/C	---	05/25/88
Volatile Organics								
Volatile Halocarbons								
	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88
Volatile Aromatics								
	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.7

Analysis Requested: Polynuclear Aromatic Hydrocarbons, Date Received: 05/20/88
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B7A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 4

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	220	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	483	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.8

Analysis Requested: Polynuclear Aromatic Hydrocarbons, Date Received: 05/20/88
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B8A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 4

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Polynuclear Aromatic Hydrocarbons								
Acenaphthene	450	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Fluoranthene	500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Naphthalene	1,450	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)								
anthracene	21,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	15,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(k)								
fluoranthene	21,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b)								
fluoranthene	28,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	22,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Acenaphthylene	1,700	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(ghi)perylene	6,700	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Fluorene	550	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	17,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Dibenzo(a,h)								
anthracene	2,500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Indeno(1,2,3-cd)								
pyrene	10,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	22,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	2,410	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.9

Analysis Requested: EP Toxicity Extraction, Priority Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenol, Oil and Grease, and Volatile Organics (624)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B9A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	0.005	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.04	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	620	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	1,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b)fluoranthene	1,500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	470	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	700	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	2,750	mg/Kg	40	Grav	2	503A/C	---	05/25/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.9

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B9A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.10

Analysis Requested: Polynuclear Aromatic Hydrocarbons, Date Received: 05/20/88
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B10A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 4

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Polynuclear Aromatic Hydrocarbons								
Pyrene	1,500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	1,800	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.11

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, Total Cyanide, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B11A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 8

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	0.006	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	900	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Naphthalene	180	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	500	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b) fluoranthene	1,200	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	820	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	840	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	750	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	243	mg/Kg	40	Grav	2	503A/C	—	05/25/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.11

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, Total Cyanide, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B11A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 8

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	—	05/24/88
pH	8.4	pH	—	Meter	2	423	—	05/25/88
Volatile-Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.12

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Phenol, Oil and Grease, Total Cyanide, pH, and Volatile Organics (624)
Date Reported: 06/03/88

Client Ident: B12A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 8

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	0.02	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	83	mg/Kg	40	Grav	2	503A/C	---	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	---	05/24/88
pH	7.7	pH	---	Meter	2	423	---	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.13

Analysis Requested: EP Toxicity Extraction, Priority Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, pH, Oil and Grease, and Volatile Organics (624)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B13A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.94	mg/L	0.01	ICP	1	6010	—	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	375	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	275	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	707	mg/Kg	40	Grav	2	503A/C	—	05/25/88
pH	8.6	pH	—	Meter	2	423	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates.

Sample Number: 880955.14

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Acid/Base/Neutral Extractables with PCB's
and Pesticides, Oil and Grease, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: BI3B

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Acid Extractables	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Base/Neutral Extractables								
Bis(2-ethylhexyl) phthalate	600	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Di-n-butyl- phthalate	1,300	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	---	06/02/88
Pesticides	ND	mg/Kg	0.025	GC	1	8080	---	06/02/88

1* A list of acid/base/neutral extractables, PCB's, pesticides, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.14

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Acid/Base/Neutral Extractables with PCB's
and Pesticides, Oil and Grease, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B13B

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Oil and Grease	223	mg/Kg	40	Grav	2	503A/C	—	05/25/88
pH	7.0	pH	—	Meter	2	423	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of acid/base/neutral extractables, PCB's, pesticides, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.14S

Analysis Requested: Priority Pollutant 13 Metals
(spike recovery)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B13B

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	%RECOVERY
PP 13 Metals	
Antimony	77%
Arsenic	132%
Beryllium	80%
Cadmium	84%
Chromium	88%
Copper	92%
Lead	78%
Mercury	120%
Nickel	88%
Selenium	58%
Silver	84%
Thallium	95%
Zinc	86%

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.15

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant: 13 Metals, Polynuclear Aromatic Hydrocarbons,
Oil and Grease, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B13C

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.03	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	123	mg/Kg	40	Grav	2	503A/C	---	05/25/88
pH	6.2	pH	---	Meter	2	423	---	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.15D

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons,
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B13C (duplicate)

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.03	mg/L	0.01	ICP	1	6010	—	06/01/88
Polynuclear Aromatic Hydrocarbons								
	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease								
	88	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons								
	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics								
	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.16

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, PCB's,
Oil and Grease, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B14A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.02	mg/L	0.01	ICP	1	6010	—	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	1,300	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a) anthracene	1,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	900	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(k) fluoranthene	1,700	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	1,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Anthracene	100	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(ghi)perylene	600	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	575	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Indeno(1,2,3-cd) pyrene	800	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	1,200	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88

1* A list of polynuclear aromatic hydrocarbons, PCB's, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.16

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, PCB's,
Oil and Grease, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B14A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88
Oil and Grease	438	mg/Kg	40	Grav	2	503A/C	—	05/25/88
pH	6.9	pH	—	Meter	2	423	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, PCB's, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.17

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, PCB's, Oil and Grease, pH, and Volatile
Organics (624)

Date Reported: 06/03/88

Client Ident: B14B

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	0.02	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.10	mg/L	0.01	ICP	1	6010	—	06/01/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88
Oil and Grease	ND	mg/Kg	40	Grav	2	503A/C	—	05/25/88
pH	7.2	pH	—	Meter	2	423	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of PCB's, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.18

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, PCB's,
Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B15A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mcg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mcg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mcg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mcg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mcg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mcg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mcg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mcg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mcg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mcg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mcg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mcg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.12	mcg/L	0.01	ICP	1	6010	—	06/01/88
Polynuclear Aromatic Hydrocarbons								
Acenaphthene	1,600	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Fluoranthene	61,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Naphthalene	800	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a) anthracene	22,700	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	17,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b) fluoranthene	36,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	19,800	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(ghi)perylene	5,800	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Fluorene	1,800	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	28,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88

1* A list of polynuclear aromatic hydrocarbons, PCB's, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.18

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, PCB's,
Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B15A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Polynuclear Aromatic Hydrocarbons								
Dibenzo(a,h) anthracene	2,100	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Indeno(1,2,3-cd) pyrene	9,300	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	64,000	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88
Oil and Grease	260	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	—	05/24/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, PCB's, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955:19

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, PCB's, Oil and Grease, and Volatile
Organics (624)

Date Reported: 06/03/88

Client Ident: B15B

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 5

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.05	mg/L	0.01	ICP	1	6010	—	06/01/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88
Oil and Grease	104	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, PCB's, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.20

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenols,
Oil and Grease, Total Cyanide, pH, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B16A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 8

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	0.007	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.03	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Polynuclear Aromatic Hydrocarbons	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	125	mg/Kg	40	Grav	2	503A/C	---	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	---	05/24/88
pH	6.8	pH	---	Meter	2	423	---	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.21

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenols,
Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B17A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	0.05	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.05	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
-Fluoranthene	320 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Naphthalene	175 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
-Chrysene	220 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
-Phenanthrene	300 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
-Pyrene	300 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	108	mg/Kg	40	Grav	2	503A/C	---	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	---	05/24/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.21

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenols,
Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B17A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	---	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.22

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, and Polynuclear Aromatic Hydrocarbons

Date Reported: 06/03/88

Client Ident: B18A

Sample Location:

Sample Description: Soil

Sample Container: Glass jars

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	0.013	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.09	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Benzo(k) fluoranthene	160	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88

1* A list of polynuclear aromatic hydrocarbons analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.23

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Acid/Base/Neutral Extractables with PCB's and
Pesticides, Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B20A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	—	—	—	—	1	1310	05/24/88	—
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	—	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	—	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Copper	ND	mg/L	0.02	ICP	1	6010	—	06/01/88
Lead	0.06	mg/L	0.05	ICP	1	6010	—	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	—	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	—	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	—	06/01/88
Silver	0.014	mg/L	0.003	HGA	1	7761	—	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	—	06/01/88
Zinc	0.04	mg/L	0.01	ICP	1	6010	—	06/01/88
Acid Extractables	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Base/Neutral Extractables	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
PCB's	ND	mg/Kg	0.25	GC	1	8080	—	06/02/88
Pesticides	ND	mg/Kg	0.025	GC	1	8080	—	06/02/88

1* A list of acid/base/neutral extractables, PCB's, pesticides, volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.23

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Acid/Base/Neutral Extractables with PCB's and
Pesticides, Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B20A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Oil and Grease	278	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	—	05/24/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of acid/base/neutral extractables, PCB's, pesticides, volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.23S

Analysis Requested: Priority Pollutant 13 Metals,
Acid/Base/Neutral Extractables, Oil and Grease, and
Volatile Organics (624) (spike recovery)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B20A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

Field Prep: None

of Containers: 6

PARAMETER	%RECOVERY
PP 13 Metals	
Antimony	76%
Arsenic	112%
Beryllium	80%
Cadmium	86%
Chromium	86%
Copper	86%
Lead	82%
Mercury	80%
Nickel	86%
Selenium	70%
Silver	129%
Thallium	64%
Zinc	87%
Acid Extractables	
2-Chlorophenol	59%
2-Fluorophenol	15%
Phenol-d5	18%
Nitrobenzene-d5	53%
2-Fluorobiphenyl	81%
2,4,6-Tribromophenol	54%
Base/Neutral Extractables	
Acenaphthene	67%
N-nitrosodi-n-propylamine	62%
1,4-Dichlorobenzene	70%
1,2,4-Trichlorobenzene	83%
2,4-Dinitrotoluene	68%
Oil and Grease	70%

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.23S

Analysis Requested: Priority Pollutant 13 Metals,
Acid/Base/Neutral Extractables, Oil and Grease, and
Volatile Organics (624) (spike recovery)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B20A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

CONTINUED

PARAMETER

%RECOVERY

Volatile Organics

Volatile Halocarbons

1,2-Dichloroethylene	95%
1,2-Dichloroethane	91%
1,1,1-Trichloroethane	100%
Bromodichloromethane	97%
Bromoform	105%
1,1,2,2-Tetrachloroethane	99%

Volatile Aromatics

Benzene	91%
Toluene	82%
Ethylbenzene	85%

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.24

Analysis Requested: Volatile Organics (624)

Date Received: 05/20/88

Date Reported: 06/03/88

Client Ident: B21A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
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Volatile Organics

Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.25

Analysis Requested: Polynuclear Aromatic Hydrocarbons, Date Received: 05/20/88
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B22A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 4

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Polynuclear Aromatic Hydrocarbons	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	718	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.25D

Analysis Requested: Polynuclear Aromatic Hydrocarbons, Date Received: 05/20/88
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B22A (duplicate)

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 4

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Polynuclear Aromatic Hydrocarbons	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	868	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates.

Sample Number: 880955.26

Analysis Requested: Volatile Organics (624)

Date Received: 05/20/88

Client Ident: B23A

Date Reported: 06/03/88

Sample Location:

Sample Description: Soil

Sample Container: VOA vials

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.27

Analysis Requested: Volatile Organics (624)

Date Received: 05/20/88

Client Ident: B23B

Date Reported: 06/03/88

Sample Location:

Sample Description: Soil

Sample Container: VOA vials

of Containers: 2

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
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Volatile Organics

Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.28

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenols,
Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B25A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 7

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	0.03	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	0.07	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	0.08	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.27	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	275	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	180	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b) fluoranthene	400	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	200	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	260	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	352	mg/Kg	40	Grav	2	503A/C	---	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	---	05/24/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.28

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenols,
Oil and Grease, Total Cyanide, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: B25A

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass-jars

of Containers: 7

Field Prep: None

CONTINUED

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.29

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic-Hydrocarbons, Phenols,
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: C-3

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
EP Toxicity Extraction	---	---	---	---	1	1310	05/24/88	---
PP 13 Metals								
Antimony	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Arsenic	ND	mg/L	0.005	HGA	1	7060	---	06/01/88
Beryllium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Cadmium	ND	mg/L	0.01	ICP	1	6010	---	06/01/88
Chromium	ND	mg/L	0.02	ICP	1	6010	---	06/01/88
Copper	0.02	mg/L	0.02	ICP	1	6010	---	06/01/88
Lead	0.05	mg/L	0.05	ICP	1	6010	---	06/01/88
Mercury	ND	mg/L	0.0005	CV	1	7470	---	06/01/88
Nickel	ND	mg/L	0.05	ICP	1	6010	---	06/01/88
Selenium	ND	mg/L	0.005	HGA	1	7470	---	06/01/88
Silver	ND	mg/L	0.003	HGA	1	7761	---	06/01/88
Thallium	ND	mg/L	0.50	ICP	1	6010	---	06/01/88
Zinc	0.05	mg/L	0.01	ICP	1	6010	---	06/01/88
Polynuclear Aromatic Hydrocarbons								
Fluoranthene	11,600 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a) anthracene	7,600 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(a)pyrene	5,000 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Benzo(b) fluoranthene	11,500 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Chrysene	6,000 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Anthracene	900 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Phenanthrene	3,200 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Indeno(1,2,3-cd) pyrene	2,700 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Pyrene	9,200 ✓	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)

** REF--Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.29

Analysis Requested: EP Toxicity Extraction, Priority Date Received: 05/20/88
Pollutant 13 Metals, Polynuclear Aromatic Hydrocarbons, Phenols,
Oil and Grease, and Volatile Organics (624)

Date Reported: 06/03/88

Client Ident: C-3

Sample Location:

Sample Description: Soil

Sample Container: VOA vials, Glass jars

of Containers: 6

Field Prep: None

.CONTINUED.

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Phenols	ND	ug/Kg	1*	GC/MS	1	8250	05/23/88	05/30/88
Oil and Grease	699	mg/Kg	40	Grav	2	503A/C	—	05/25/88
Total Cyanide	ND	mg/Kg	2.5	Spect	2	412B+D	—	05/24/88
Volatile Organics								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	—	06/01/88

1* A list of polynuclear aromatic hydrocarbons, phenols, volatile halocarbons, and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: Almer, Huntley & Associates

Sample Number: 880955.30

Analysis Requested: Volatile Organics (624)

Date Received: 05/20/88

Client Ident: Tripblank

Date Reported: 06/03/88

Sample Location:

Sample Description: Water

Sample Container: VOA vial

of Containers: 1

Field Prep: None

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
-----------	--------	-------	------	------	-------	--------	---------	----------

Volatile Organics

Volatile Halocarbons	ND	ug/L	1*	GC/MS	1	8240	—	06/01/88
Volatile Aromatics	ND	ug/L	1*	GC/MS	1	8240	—	06/01/88

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL—Method Detection Limits (same units as the Results)

** REF—Reference as cited on the cover (first) page of this report.

VOLATILE ORGANIC BY GC/MS
Method 624 and 8240

Parameter	Method Detection Limit
Methylene chloride	2.8 ug/L
1,1-Dichloroethane	4.7 ug/L
Chloroform	1.6 ug/L
Carbon tetrachloride	2.8 ug/L
1,2-Dichloropropane	6.0 ug/L
Dibromochloromethane	3.1 ug/L
1,1,2-Trichloroethane	5.0 ug/L
2-Chloroethylvinyl ether	10.0 ug/L
Tetrachloroethene	4.1 ug/L
Chlorobenzene	6.0 ug/L
Trichlorofluoromethane	5.0 ug/L
1,2-Dichloroethane	2.8 ug/L
1,1,1-Trichloroethane	3.8 ug/L
Bromodichloromethane	2.2 ug/L
trans-1,3-Dichloropropene	5.0 ug/L
Cis-1,3-Dichloropropene	5.0 ug/L
Bromoform	4.7 ug/L
1,1,2,2-Tetrachloroethane	6.9 ug/L
Benzene	4.4 ug/L
Toluene	6.0 ug/L
Ethyl benzene	7.2 ug/L
Xylenes	10.0 ug/L
Chloromethane	8.0 ug/L
Bromomethane	7.0 ug/L
Vinyl chloride	6.5 ug/L
Chloroethane	7.5 ug/L
1,1-Dichloroethene	2.8 ug/L
1,2-Dichloroethene	1.6 ug/L
Trichloroethene	1.9 ug/L
1,2-Dichlorobenzene	10.0 ug/L
1,3-Dichlorobenzene	10.0 ug/L
1,4-Dichlorobenzene	10.0 ug/L

NOTE: Detection limits in soil and sediment are 50X higher.

ACID EXTRACTABLES

PARAMETER	METHOD DETECTION LIMIT
2-Chlorophenol	3.3 ug/L
2-Nitrophenol	3.6 ug/L
Phenol	1.5 ug/L
2,4-Dimethylphenol	2.7 ug/L
2,4-Dichlorophenol	2.7 ug/L
2,4,6-Trichlorophenol	2.7 ug/L
4-Chloro-3-methylphenol (p-chloro-m-cresol)	3.0 ug/L
2,4-Dinitrophenol	42.0 ug/L
2-Methyl-4,6-dinitrophenol	24.0 ug/L
Pentachlorophenol	3.6 ug/L
4-Nitrophenol	2.4 ug/L

Detection limits are 50 times greater in soil/solid samples.

BASE/NEUTRAL EXTRACTABLES

PARAMETER	METHOD DETECTION LIMIT
Acenaphthene	1.9 ug/L
Benzidine	44.0 ug/L
1,2,4-Trichlorobenzene	1.9 ug/L
Hexachlorobenzene	1.9 ug/L
Bis(2-chloroethyl) ether	5.7 ug/L
2-Chloronaphthalene	1.9 ug/L
1,2-Dichlorobenzene	1.9 ug/L
1,3-Dichlorobenzene	1.9 ug/L
1,4-Dichlorobenzene	4.4 ug/L
3,3-Dichlorobenzidine	16.5 ug/L
2,4-Dinitrotoluene	5.7 ug/L
2,6-Dinitrotoluene	1.9 ug/L
1,2-Diphenylhydrazine	11.1 ug/L
Azobenzene	11.1 ug/L
Fluoranthene	2.2 ug/L
4-Chlorophenyl phenyl ether	4.2 ug/L
4-Bromophenyl phenyl ether	1.9 ug/L
Bis(2-chloroisopropyl) ether	5.7 ug/L
Bis(2-chloroethoxy) methane	5.3 ug/L
Hexachlorobutadiene	0.9 ug/L
Hexachlorocyclopentadiene	5.1 ug/L
Isophorone	2.2 ug/L
Naphthalene	1.6 ug/L
Nitrobenzene	1.9 ug/L
N-nitrosodimethylamine	3.1 ug/L
N-nitrosodiphenylamine	1.9 ug/L
N-nitrosodi-n-propylamine	2.6 ug/L
Bis(2-ethylhexyl) phthalate	2.5 ug/L
Butyl benzyl phthalate	2.5 ug/L
Di-n-butylphthalate	2.5 ug/L
Di-n-octylphthalate	2.5 ug/L
Diethyl phthalate	22.0 ug/L
Dimethyl phthalate	1.6 ug/L
Benzo(a) anthracene	7.8 ug/L
Benzo(a) pyrene	2.5 ug/L
Benzo(b) fluoranthene	4.8 ug/L
Benzo(k) fluoranthene	2.5 ug/L
Chrysene	2.5 ug/L
Acenaphthylene	3.5 ug/L
Anthracene	1.9 ug/L
Benzo(ghi) perylene	4.1 ug/L
Fluorene	1.9 ug/L
Phenanthrene	5.4 ug/L
Dibenzo(a,h) anthracene	2.5 ug/L
Indeno(1,2,3-cd) pyrene	3.7 ug/L
Pyrene	1.9 ug/L
Hexachloroethane	1.6 ug/L

Detection limits are 50 times greater in soil/solid samples.

POLYCHLORINATED BIPHENYLS

PARAMETER

PCB 1016
Arochlor 1221
Arochlor 1232
Arochlor 1242
Arochlor 1248
Arochlor 1254
Arochlor 1260
Arochlor 1262
Arochlor 1268

Method Detection Limit: 0.25 mg/Kg

PESTICIDE

PARAMETER

Alpha BHC
Lindane (gamma BHC)
Beta BHC
Delta BHC
Heptachlor
Aldrin
Heptachlor epoxide
Endrin
Endrin aldehyde
Endrin ketone
Dieldrin
p,p'-DDE
p,p'-DDD
p,p'-DDT
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Methoxychlor
Chlordane
Toxaphene

Method Detection Limit: 0.025 mg/Kg

PHENOLS

Parameter	Method Detection Limit
4-Chloro-3-methylphenol (p-chloro-m-cresol)	2.0 ug/L
2-Chlorophenol	1.0 ug/L
2,4-Dichlorophenol	1.0 ug/L
2,4-Dimethylphenol	1.0 ug/L
2,4-Dinitrophenol	20.0 ug/L
2-Methyl-4,6-dinitrophenol	20.0 ug/L
2-Nitrophenol	1.0 ug/L
4-Nitrophenol	3.0 ug/L
Pentachlorophenol	5.0 ug/L
Phenol	1.0 ug/L
2,4,6-Trichlorophenol	2.0 ug/L

NOTE: Detection limits in soil and sediment are 30X higher.

Detection limits in sample #'s 880955.9 and 880955.29 are 100X higher.

Detection limits in sample #880955.4 are 150X higher.

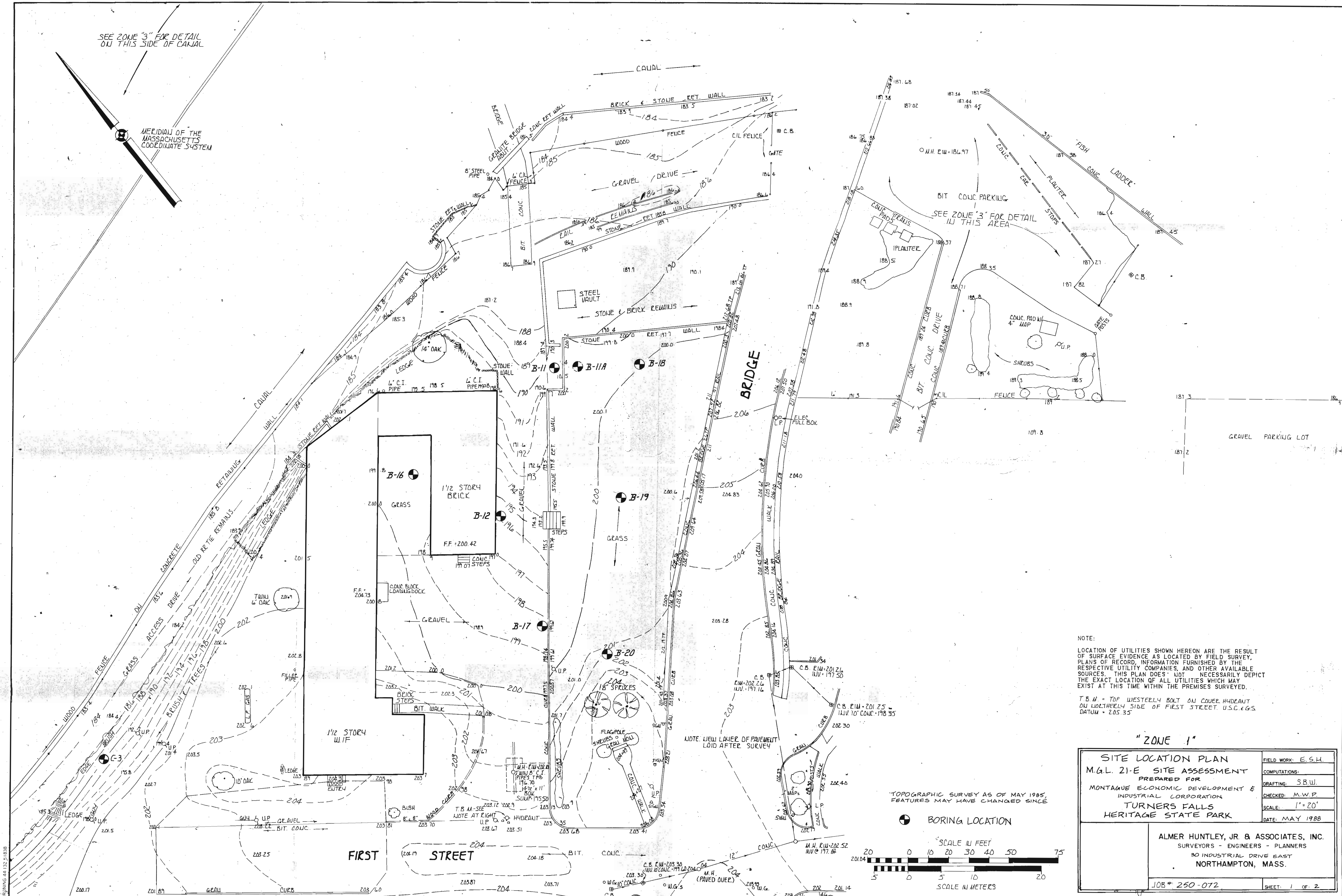
POLYNUCLEAR AROMATIC HYDROCARBONS

Parameter	Method Detection Limit
Acenaphthene	1.9 ug/L
Acenaphthylene	3.5 ug/L
Anthracene	1.9 ug/L
Benzo(a) anthracene	7.8 ug/L
Benzo(b) fluoranthene	4.8 ug/L
Benzo(k) fluoranthene	2.5 ug/L
Benzo(ghi)perylene	4.1 ug/L
Benzo(a)pyrene	2.5 ug/L
Chrysene	2.5 ug/L
Dibenzo(a,h)anthracene	2.5 ug/L
Fluoranthene	2.2 ug/L
Fluorene	1.9 ug/L
Indeno(1,2,3-c,d)pyrene	3.7 ug/L
Naphthalene	1.6 ug/L
Phenanthrene	5.4 ug/L
Pyrene	1.9 ug/L

NOTE: Detection limits in soil/solid are 50x higher than reported above.
 Detection limits in sample #'s 880955.8, 880955.9, 880955.18, and 880955.29 are 100X higher.
 Detection limits in sample #880955.4 are 150X higher.
 Detection limits in sample #880955.10 are 300X higher.
 Detection limits in sample #880955.25 are 250X higher.

SEE ZONE "3" FOR DETAIL
ON THIS SIDE OF CANAL

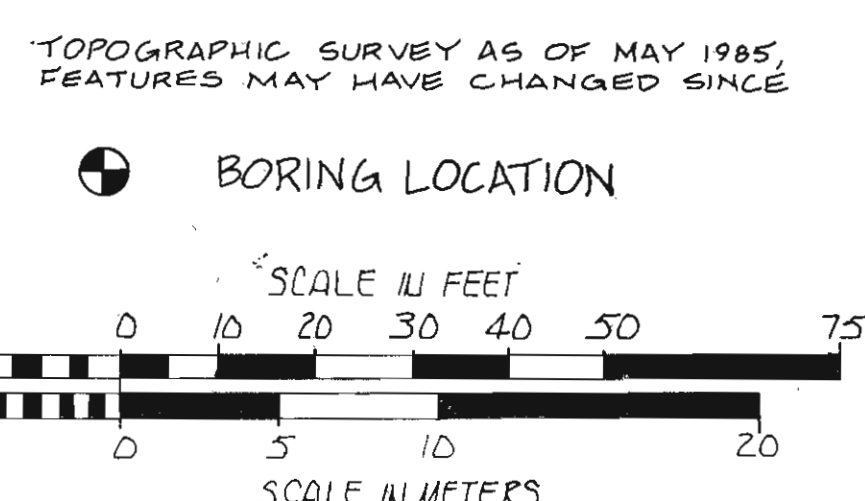
MERIDIAN OF THE
MASSACHUSETTS
COORDINATE SYSTEM



NOTE:
LOCATION OF UTILITIES SHOWN HEREON ARE THE RESULT
OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY,
PLANS OF RECORD, INFORMATION FURNISHED BY THE
RESPECTIVE UTILITY COMPANIES, AND OTHER AVAILABLE
SOURCES. THIS PLAN DOES NOT NECESSARILY DEPICT
THE EXACT LOCATION OF ALL UTILITIES WHICH MAY
EXIST AT THIS TIME WITHIN THE PREMISES SURVEYED.
T & M = TOP WESTERLY BOLT ON COVER HYDRANT
ON WESTERLY SIDE OF FIRST STREET. U.S.C. & G.S.
DATUM = 205.35

"ZONE 1"

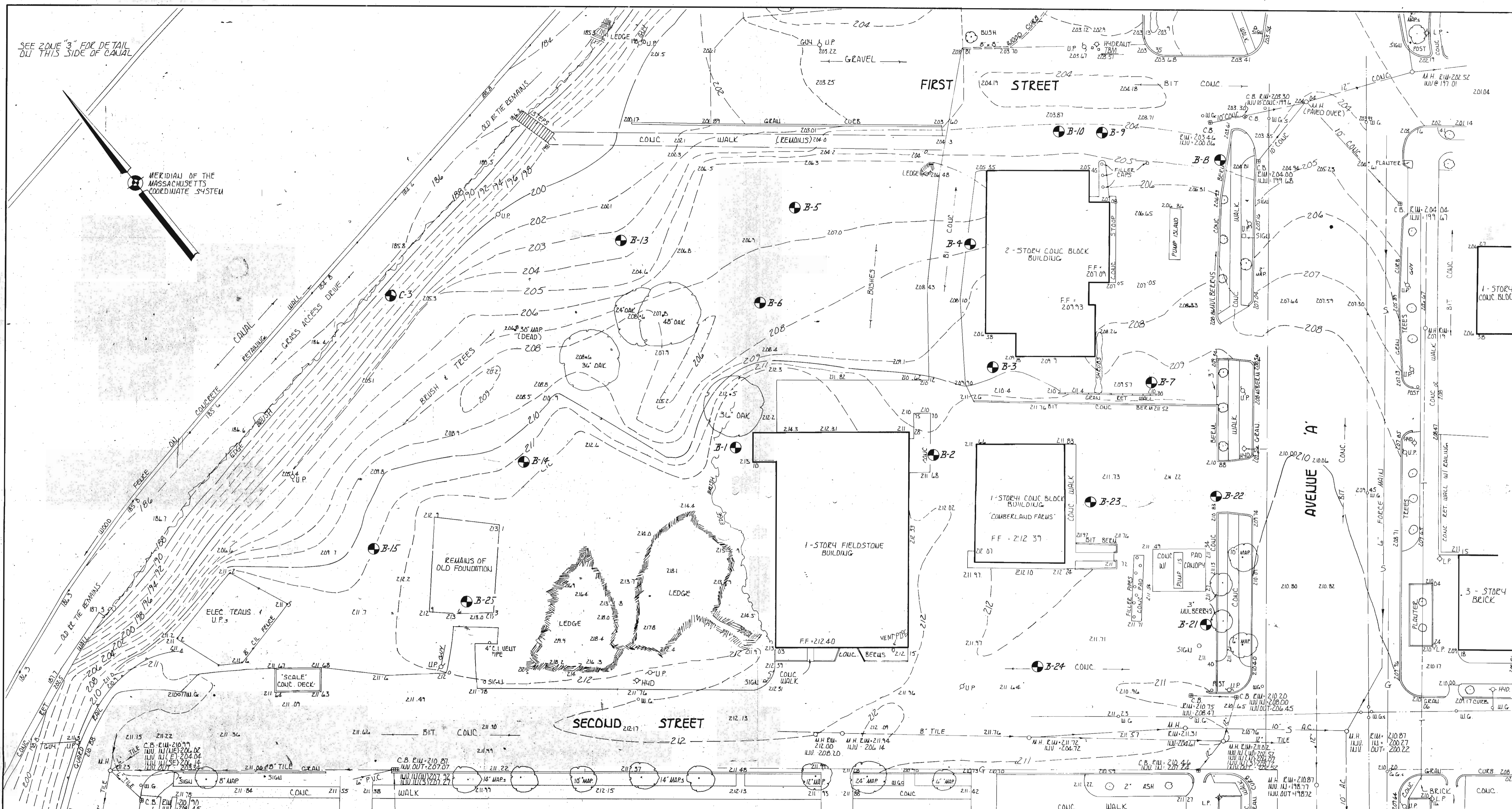
<p>SITE LOCATION PLAN M.G.L. 21-E SITE ASSESSMENT PREPARED FOR MONTAGUE ECONOMIC DEVELOPMENT & INDUSTRIAL CORPORATION TURNERS FALLS HERITAGE STATE PARK</p>		<p>FIELD WORK: E.S.H. COMPUTATIONS: DRAFTING: S.B.W. CHECKED: M.W.P. SCALE: 1" = 20' DATE: MAY 1988</p>
<p>ALMER HUNTLEY, JR. & ASSOCIATES, INC. SURVEYORS - ENGINEERS - PLANNERS 30 INDUSTRIAL DRIVE EAST NORTHAMPTON, MASS.</p>		<p>JOB # 250-072 SHEET 1 OF 2</p>



BRUNING 44.132.51838

SEE ZONE "3" FOR DETAIL
DU THIS SIDE OF CANAL

MERIDIAN OF THE
MASSACHUSETTS
COORDINATE SYSTEM

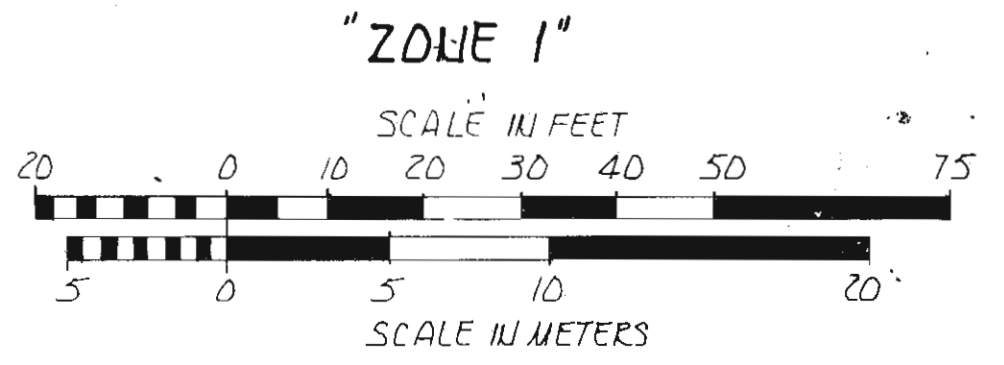


NOTE:
LOCATION OF UTILITIES SHOWN HEREON ARE THE RESULT
OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY,
PLANS OF RECORD, INFORMATION FURNISHED BY THE
RESPECTIVE UTILITY COMPANIES, AND OTHER AVAILABLE
SOURCES. THIS PLAN DOES NOT NECESSARILY DEPICT
THE EXACT LOCATION OF ALL UTILITIES WHICH MAY
EXIST AT THIS TIME WITHIN THE PREMISES SURVEYED.

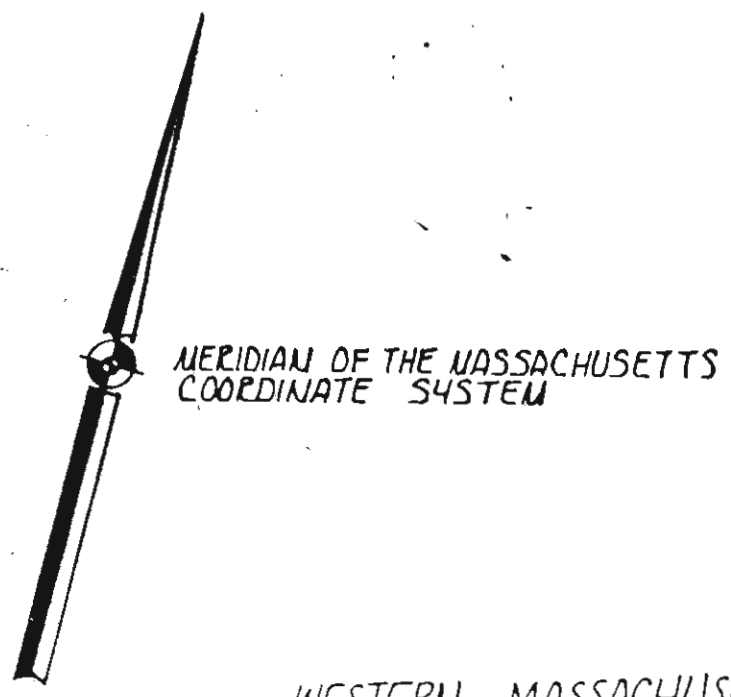
T.B.M. = TOP WESTERLY BOLT, ON COVER HYDRAULIC
ON NORTHERLY SIDE OF FIRST STREET. U.S.C. & G.S.
DATUM = 205.35

TOPOGRAPHIC SURVEY AS OF MAY 1985,
FEATURES MAY HAVE CHANGED SINCE

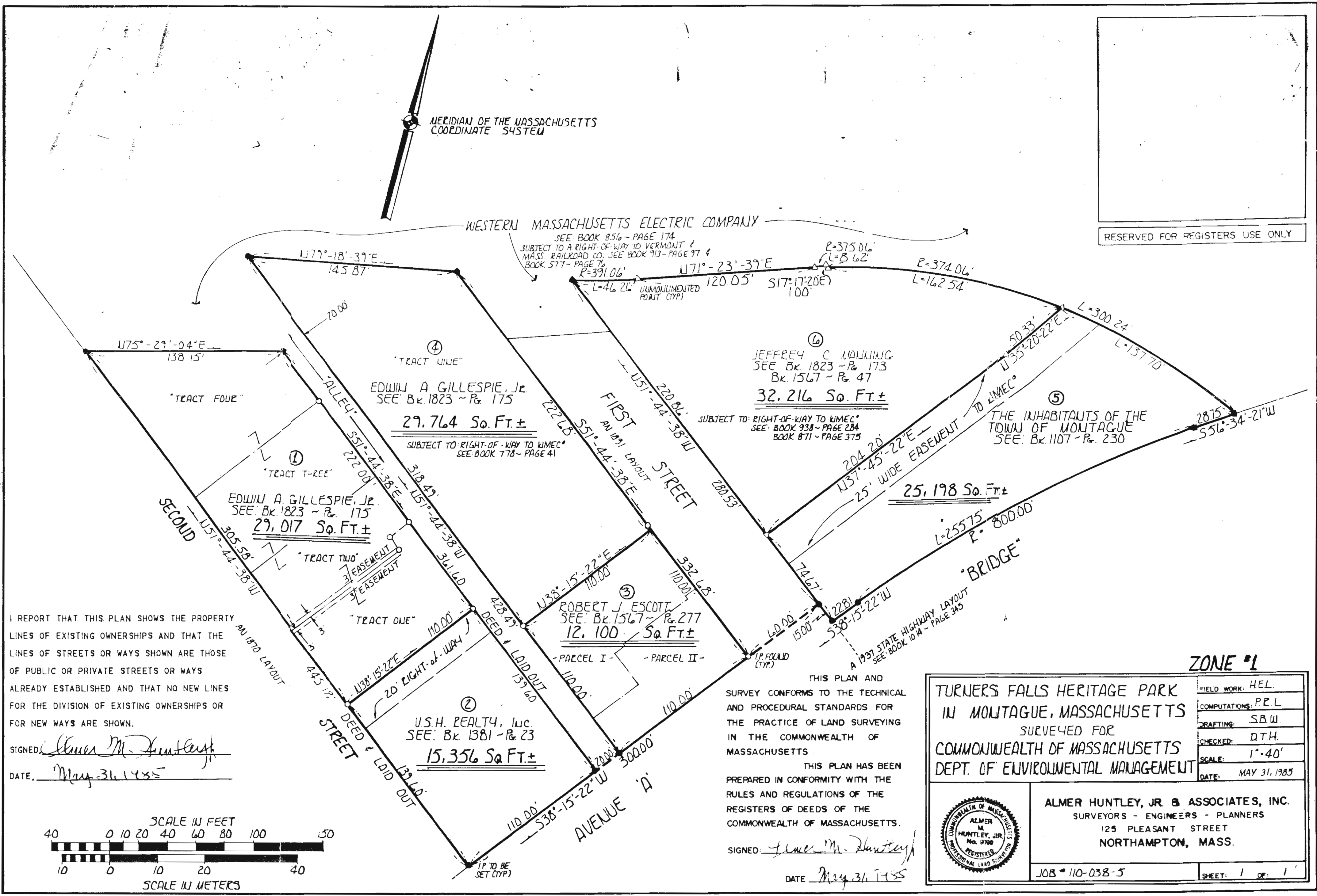
● BORING LOCATION



SITE LOCATION PLAN M.G.L. 21-E SITE ASSESSMENT PREPARED FOR MONTAGUE ECONOMIC DEVELOPMENT & INDUSTRIAL CORPORATION TURNERS FALLS HERITAGE STATE PARK		FIELD WORK: E.S.H. COMPUTATIONS: DRAFTING: S.B.W. CHECKED: M.W.P. SCALE: 1" = 20' DATE: MAY 1988
ALMER HUNTLEY, JR. & ASSOCIATES, INC. SURVEYORS - ENGINEERS - PLANNERS 30 INDUSTRIAL DRIVE EAST NORTHAMPTON, MASS.		JOB # 250-072 SHEET: 2 OF 2

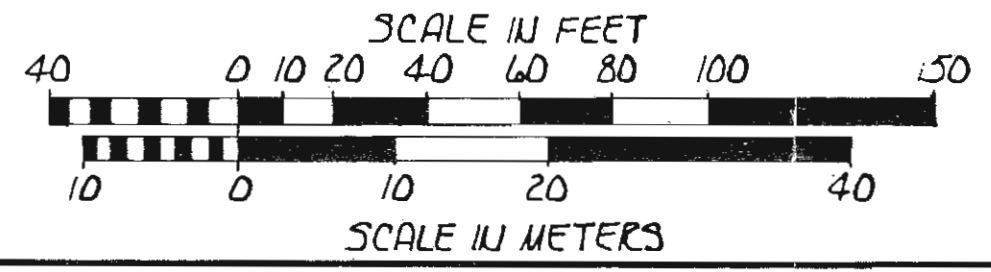


RESERVED FOR REGISTERS USE ONLY



I REPORT THAT THIS PLAN SHOWS THE PROPERTY LINES OF EXISTING OWNERSHIPS AND THAT THE LINES OF STREETS OR WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW LINES FOR THE DIVISION OF EXISTING OWNERSHIPS OR FOR NEW WAYS ARE SHOWN.

SIGNED: *James M. Huntley, Jr.*
 DATE: *May 31, 1985*



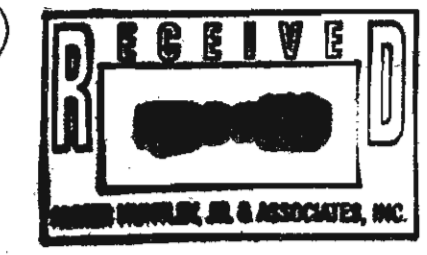
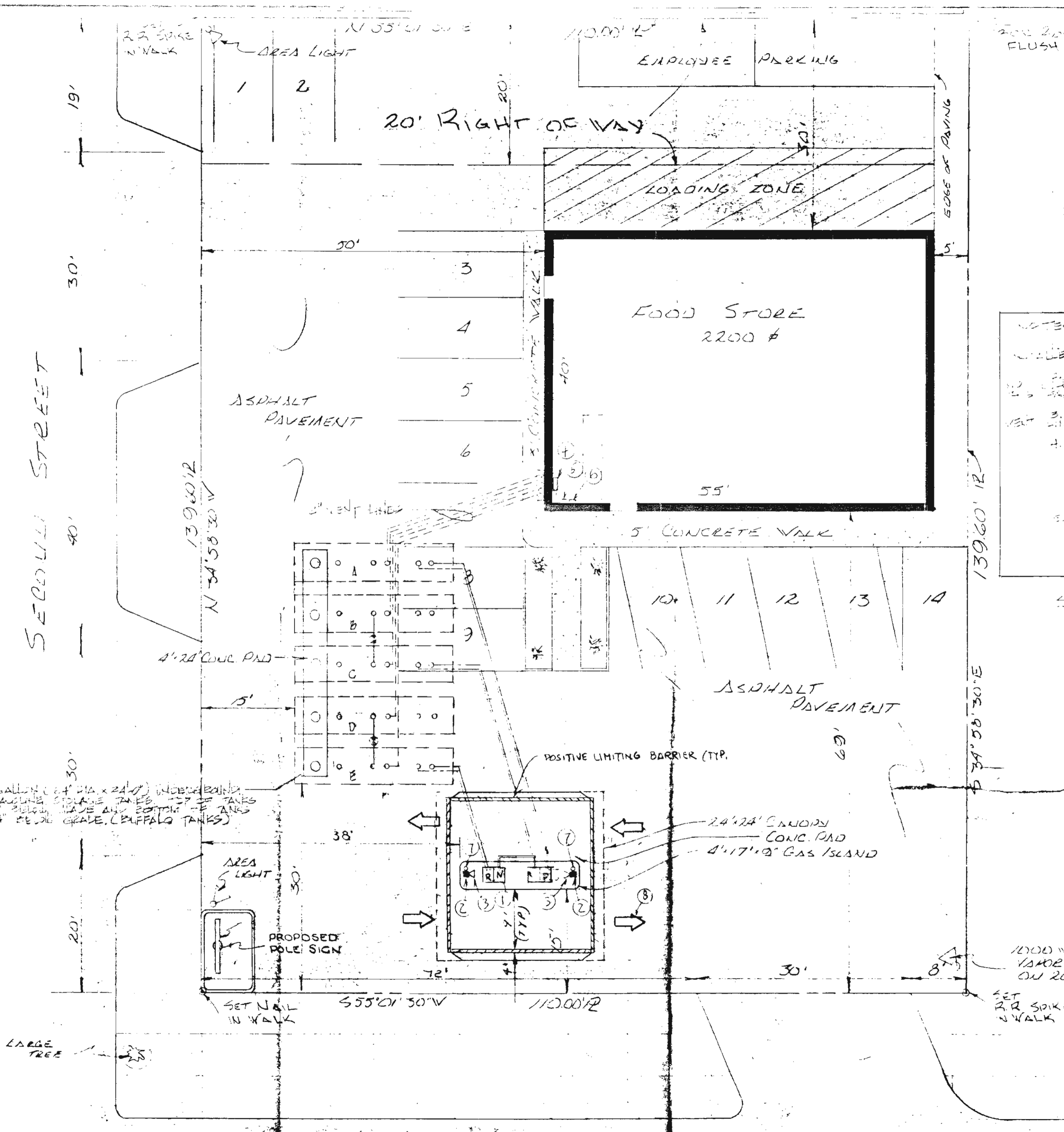
THIS PLAN AND SURVEY CONFORMS TO THE TECHNICAL AND PROCEDURAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS.

THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

SIGNED: *James M. Huntley, Jr.*
 DATE: *May 31, 1985*

TURNERS FALLS HERITAGE PARK IN MONTAGUE, MASSACHUSETTS SURVEYED FOR COMMONWEALTH OF MASSACHUSETTS DEPT. OF ENVIRONMENTAL MANAGEMENT		FIELD WORK: HEL.
		COMPUTATIONS: P.E.L.
		DRAFTING: S.B.W.
		CHECKED: D.T.H.
		SCALE: 1"=40'
		DATE: MAY 31, 1985
		ALMER HUNTLEY, JR. & ASSOCIATES, INC. SURVEYORS - ENGINEERS - PLANNERS 125 PLEASANT STREET NORTHAMPTON, MASS.
		JOB # 110-038-5 SHEET: 1 OF 1

BRUNING 44 132 51838



Copy of plan
sent to C.F.
4.24.98
JAS

NOTES

1. NEIGHBORING PROPERTY STORAGE TANKS BEING REMOVED BY THE MONTH OF APRIL, 1998.

2. ALL TO BE SET OF ALL UTILITIES TO BE LOCATED BY THE OWNER AT HIS OWN RISK.

3. ALL UTILITIES TO BE DELETED, EXCEPT THOSE SHOWN ON THE PLAN ARE TO BE MAINTAINED, EXCEPT AS NOTED.

#	TYPE #	CAPACITY	CONTENT
1	1000	GALLON	WATER
2	1000	GALLON	WATER
3	1000	GALLON	WATER
4	1000	GALLON	WATER
5	1000	GALLON	WATER

4. OWNER, OPERATOR, (SEE SEE SHEET)

JIMBERLAND FARMS, INC.
117 DEDHAM STREET
CANTON, MA 02021
(617) 528-4200

LEGEND:

LOT #41 ON ASSESSORS MAP #4
ZONED - GENERAL BUSINESS
AREA - 15,350 SQ. FT.
YARDS:
FRONT - 25'
SIDE - 0'
REAR - 30'
PARKING REQUIREMENT:
1500 SQ. FT. / 175 SQ. FT. FLOOR AREA

FLUOROCARBON (R-22) MAX. 24" IN DIAMETER. STEEL FRAMING. CONCRETE TANKS ARE 30" BELOW GROUND AND BOTTOM OF TANKS ARE 3'-4" BELOW GRADE. (BUFFALO TANKS)

1000 WATT MERC
VAPOR LAMP
ON 20' POLE
(TYP.)
SET R.R. SPIKE
IN WALK

BOOK 1199 PG 386

REV 2-26-74 OK

AVENUE A & SECONNI ST
TURNERS FALLS MASS

SITE PLAN	SCALE 1/2"=10'	DRAWN BY DK
V.S.H. REALTY INC.		REVISED 2-7-74
777 DEDHAM ST. CANTON MASS.		DRAWING NUMBER 201019318
DATE 10-13-73	APPROVED BY	

DR. JOHN F. KICK

Geophysical & Geological Consulting

Box 6, Dunstable, Mass. 01827

(617) 649-6650

MAGNETIC SURVEY
TURNERS FALLS, MASSACHUSETTS

prepared for

Almer Huntley, Jr. & Associates, Inc.
30 Industrial Drive East P.O. Box 568
Northampton, MA 01060

MAGNETIC SURVEY
TURNERS FALLS, MASSACHUSETTS

Introduction

A magnetic survey was conducted over property in Turners Falls, Massachusetts by John Kick, geophysicist. The purpose of the survey was to screen the area for concentrations of iron that might include buried debris. The information is needed to support an investigation being performed by Almer Huntley, Jr. & Associates, Inc. of Northampton, Massachusetts.

Magnetic Search Method

Magnetic search methods involve the detection and measurement of anomalies in the earth's magnetic field caused by the presence of materials with contrasting magnetic susceptibility. Iron and steel objects for example, generally form high magnetic susceptibility contrasts with usual surrounding materials and therefore produce magnetic anomalies.

The amplitude, size, and shape of an anomaly depend on the size, shape, and depth of burial of the object searched for and its magnetic susceptibility contrast with surrounding materials.

Magnetic Field Work

Magnetometer measurements of total field intensity were made at 10 foot intervals along traverses with a 10 foot separation, resulting in the maps of Figures 1 and 2. All measurements were completed April 27, 1988.

Field equipment included an EG&G Memory-Mag G-856 proton precession magnetometer. The instrument has a resolution of 0.1 gamma. The magnetic field detector is separate from the rest of the instrument and is mounted on an 8 foot staff to provide measurements that are a constant height above the surface of the ground.

A series of magnetic field measurements were made at an adjacent base station at regular time intervals throughout the survey to form the basis of a daily variation curve. The base station was located at a site with typical low gradient "background" magnetic field intensity.

Results

Figure 1 shows no apparent large, localized concentrations of iron or steel objects. However, the relatively high level of magnetic values over the site in general may indicate scattered iron/steel objects over a large part of the area. These high values may also be an effect of cultural influences (ie. structures, utilities, vehicles, etc.). Such large scale anomalies

might mask smaller concentrations of iron/steel buried on the site. Extremely negative magnetic values observed along the southerly portion of the survey area are likely associated with nearby structures. Magnetometer stations indicated by crosses were not contourable due to severe interference by structures and vehicles.

Figure 2 reveals four obvious magnetic anomalies, labeled A - D. Each anomaly is comprised of a positive area or peak, and an associated negative area, or trough, which is positioned toward magnetic north from the positive area. The sources of these anomalies will most likely be found at points somewhat to the north of the positive peaks.

0 20 40 feet
 Contour Interval : 100 gammas.
 Datum : 55000 gammas.
 Map based on site plan provided by
 Almer Huntley, Jr. & Assoc., Inc.

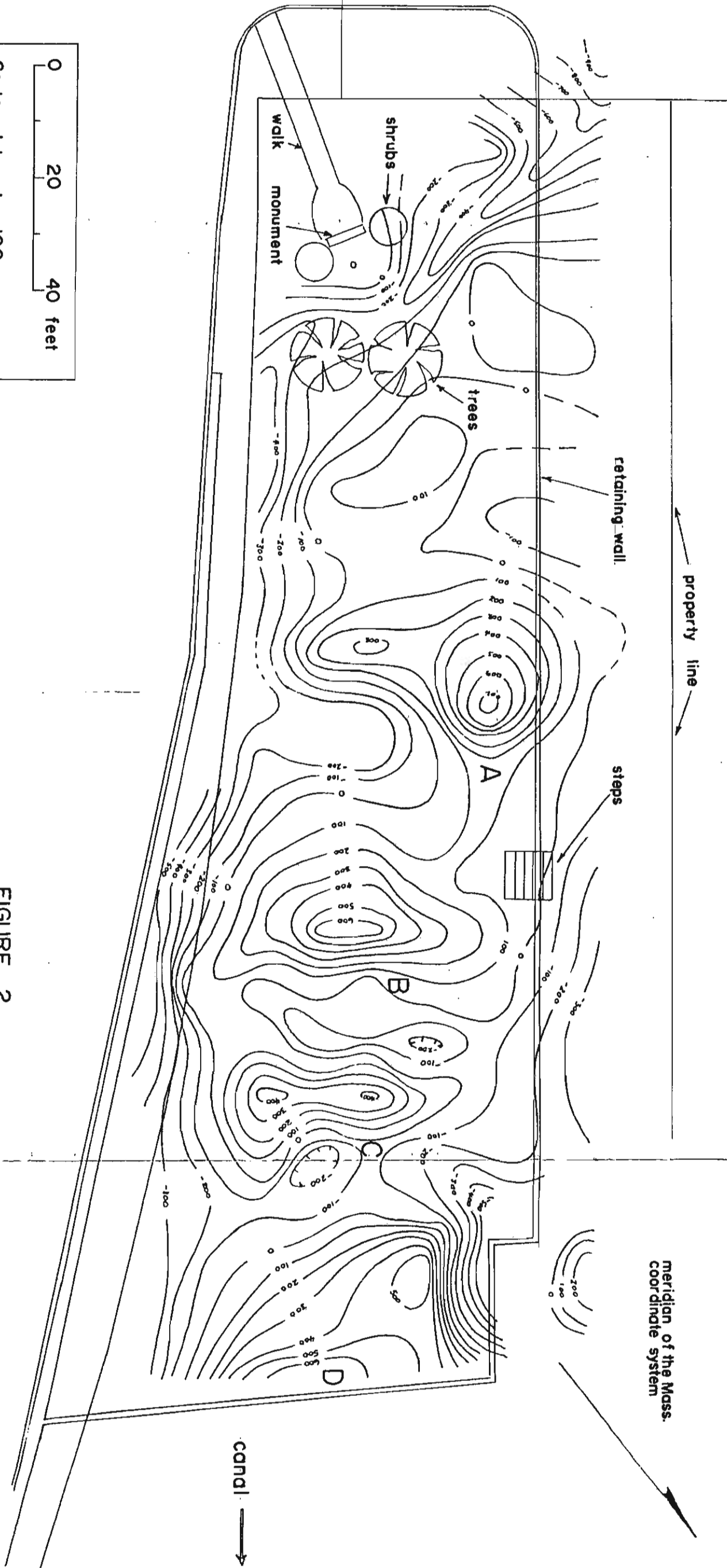


FIGURE 2
 Contour Map of Total Field Intensity
 MAGNETIC SURVEY
 Turners Falls, Massachusetts

by: J. F. Kick
 Geophysicist
 April 1988

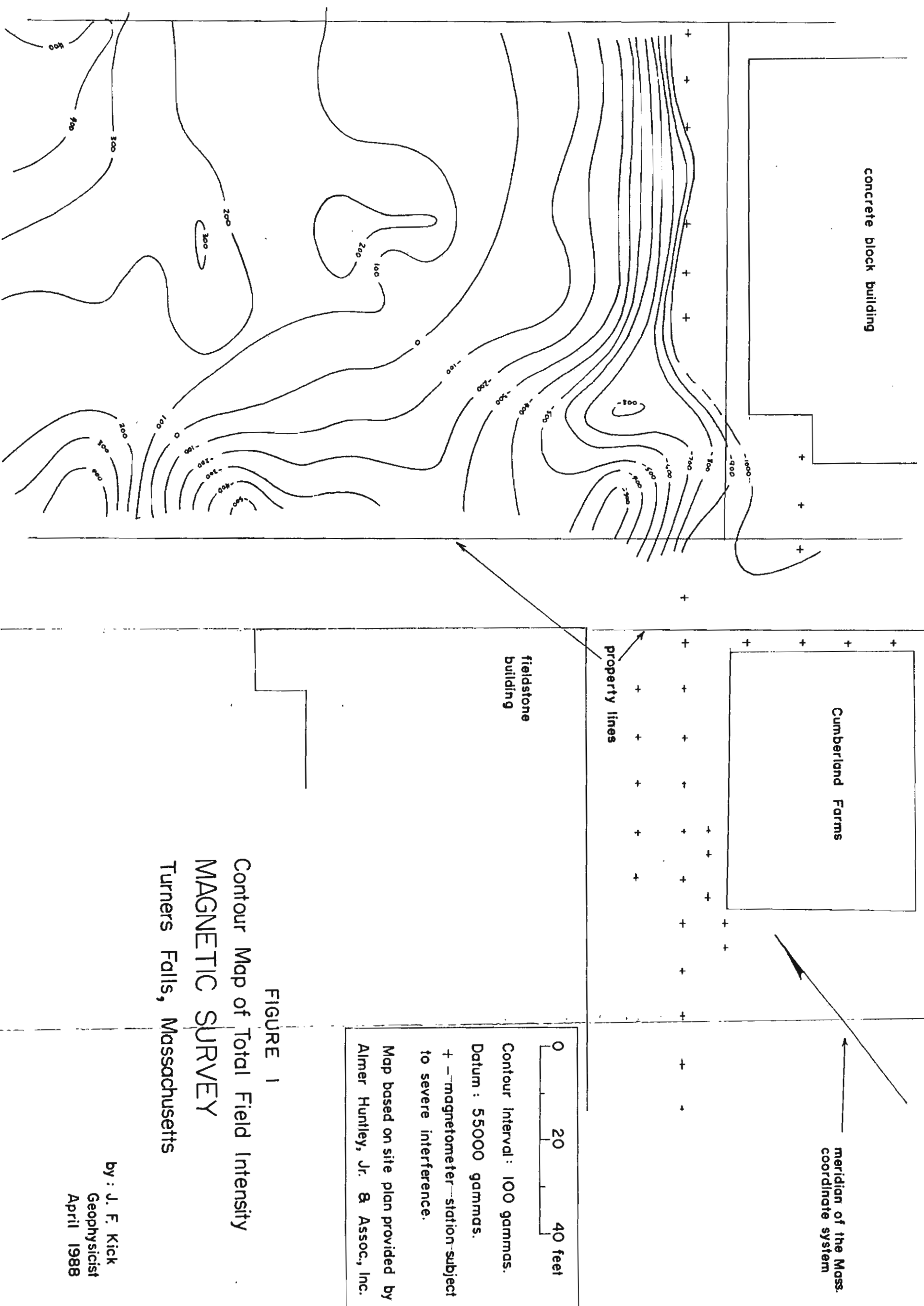


FIGURE 1
 Contour Map of Total Field Intensity
 MAGNETIC SURVEY
 Turners Falls, Massachusetts

by: J. F. Kick
 Geophysicist
 April 1988

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-1

BORING LOCATION See Plan SHEET 1 OF 25

DATE 5/02/88 TIME 10:00 AM DRILLER: East Coast Drilling
START 5/02/88 10:00 AM PM OBSERVER Edward S. Huntley
FINISH 5/02/88 11:00 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 4.5' - 5' FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
_____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER _____ FT.

DRILLING METHOD Hollow Stem Auger SCREEN _____ FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0.1 ppm</u>
<u>2' - 3.5'</u> FT	<u>2</u>		<u>0</u>
<u>4' - 5'</u> FT	<u>3</u>		<u>0</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Sample B-1A composited

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-2

BORING LOCATION See Plan SHEET 2 OF 25

	DATE	TIME	DRILLER
START	<u>5/02/88</u>	<u>11:00</u> AM PM	<u>East Coast Drilling</u>
FINISH	<u>5/02/88</u>	<u>12:15</u> AM PM	OBSERVER <u>Edward S. Huntley</u>
			REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 5.5' FT. (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.

DRILLING METHOD Hollow Stem Auger SCREEN -- FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0</u>
<u>2' - 4'</u> FT	<u>2</u>		<u>0</u>
<u>4' - 5.5'</u> FT	<u>3</u>		<u>0</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Sample B-2A composited

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-3

BORING LOCATION See Plan SHEET 3 OF 25

DATE 5/02/88 TIME 12:15 AM PM DRILLER East Coast Drilling
 START 5/02/88 12:15 AM PM OBSERVER Edward S. Huntley
 FINISH 5/02/88 1:00 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 5' FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0.1 ppm</u>
<u>2' - 4'</u> FT	<u>2</u>		<u>0.1 ppm</u>
<u>4' - 5'</u> FT	<u>3</u>		<u>0.1 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Sample B-3A composited

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-4
 BORING LOCATION See Plan SHEET 4 OF 25
 DATE 5/02/88 TIME 1:15 AM PM DRILLER East Coast Drilling
 START 5/02/88 1:15 AM PM OBSERVER Edward S. Huntley
 FINISH 5/02/88 1:50 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 4' FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0.1 ppm</u>
<u>2' - 4'</u> FT	<u>2</u>		<u>0.1 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Sample B-4A composited.

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-5

BORING LOCATION See Plan SHEET 5 OF 25

DATE 5/02/88 TIME 1:50 AM PM DRILLER: East Coast Drilling
 START 5/02/88 1:50 AM PM OBSERVER Edward S. Huntley
 FINISH 5/02/88 2:30 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 4' FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0.2 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Sample B-5A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
PROJECT 21-E Site Assessment BORING # B-6
BORING LOCATION See Plan SHEET 6 OF 25
DATE 5/02/88 TIME 2:40 AM PM DRILLER East Coast Drilling
START 5/02/88 2:40 AM PM OBSERVER Edward S. Huntley
FINISH 5/02/88 3:30 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 3.5' FT (ELEV. _____)
GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
_____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
SAMPLING METHOD Split Spoon TOTAL _____ FT.

<u>SAMPLE DEPTH</u>	<u>SAMPLE #</u>	<u>DESCRIPTION</u>	<u>HNU READING</u>
<u>0' - 1.5' FT</u>	<u>1</u>		<u>0 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: _____

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-7
 BORING LOCATION See Plan SHEET 7 OF 25
 DATE _____ TIME _____ DRILLER East Coast Drilling
 START 5/03/88 9:30 AM PM OBSERVER Edward S. Huntley
 FINISH 5/03/88 10:15 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 5.0' FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0</u>
<u>2' - 4'</u> FT	<u>2</u>		<u>0</u>
<u>4' - 5'</u> FT	<u>3</u>		<u>0.2 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Compositated as Sample B-7A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-8
 BORING LOCATION See Plan SHEET 8 OF 25
 DATE 5/03/88 TIME 10:15 AM PM DRILLER East Coast Drilling
 START 5/03/88 10:15 AM PM OBSERVER Edward S. Huntley
 FINISH 5/03/88 10:30 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 2.0 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		0.6 ppm
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			

COMMENTS: * Sample B-8A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-9

BORING LOCATION See Plan SHEET 9 OF 25

DATE TIME DRILLER: East Coast Drilling
 START 5/03/88 10:30 AM PM OBSERVER Edward S. Huntley
 FINISH 5/03/88 11:15 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 4.0 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		0.6 ppm
2' - 3' FT	2		1.5 ppm
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			

COMMENTS: * Compositated as Sample B-9A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
PROJECT 21-E Site Assessment BORING # B-10
BORING LOCATION See Plan SHEET 10 OF 25
DATE TIME DRILLER East Coast Drilling
START 5/03/88 11:15 AM PM OBSERVER Edward S. Huntley
FINISH 5/03/88 12:30 AM PM REVIEWER

SURFACE ELEV. REFUSAL DEPTH 4.0 FT (ELEV.)
GROUNDWATER DEPTH N/A FT. (ELEV.) AFTER DAYS HRS.
TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV.)
BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV.)

SCREEN SPEC. N/A RISER -- FT.
DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
SAMPLING METHOD Split Spoon TOTAL -- FT.

Table with 4 columns: SAMPLE DEPTH, SAMPLE #, DESCRIPTION, HNU READING. Contains two rows of data for samples 1 and 2, both with a reading of 0.2 ppm.

COMMENTS: * Compositated as Sample B-10A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-11 & B-11A
 BORING LOCATION See Plan SHEET 11 OF 25

DATE 5/03/88 TIME 12:30 AM PM DRILLER East Coast Drilling
 START 5/03/88 12:30 AM PM OBSERVER Edward S. Huntley
 FINISH 5/03/88 1:15 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 2.0 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0.2 ppm</u>
_____ FT			
_____ FT		<u>* B-11A inside ashpit under war memorial</u>	
_____ FT		<u>hand sample</u>	<u>0.2 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Both composited as Sample B-11A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-12

BORING LOCATION See Plan SHEET 12 OF 25

	DATE	TIME	DRILLER	<u>East Coast Drilling</u>
START	<u>5/03/88</u>	<u>1:30</u> AM <u>PM</u>	OBSERVER	<u>Edward S. Huntley</u>
FINISH	<u>5/03/88</u>	<u>2:10</u> AM <u>PM</u>	REVIEWER	<u></u>

SURFACE ELEV. _____ REFUSAL DEPTH 7.5 FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

_____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.

DRILLING METHOD Hollow Stem Auger SCREEN -- FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2' FT</u>	<u>1</u>		<u>0</u>
<u>2' - 4' FT</u>	<u>2</u>		<u>0</u>
<u>4' - 6' FT</u>	<u>3</u>		<u>0</u>
<u>6' - 7.5' FT</u>	<u>4</u>		<u>0</u>
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			

COMMENTS: * Compositated as Sample B-12A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-13

BORING LOCATION See Plan SHEET 13 OF 25

	DATE	TIME	DRILLER	<u>East Coast Drilling</u>
START	<u>5/03/88</u>	<u>2:30</u> AM <u>PM</u>	OBSERVER	<u>Edward S. Huntley</u>
FINISH	<u>5/03/88</u>	<u>4:40</u> AM <u>PM</u>	REVIEWER	_____

SURFACE ELEV. _____ REFUSAL DEPTH 25.0 FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.

DRILLING METHOD Hollow Stem Auger SCREEN -- FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
* 0' - 2' FT	1		1 ppm
2' - 4' FT	2		0.4 ppm
4' - 6' FT	3		.4 ppm
** 6' - 8' FT	4		1 ppm
8' - 10' FT	5		0.5 ppm
10' - 12' FT	6		1 ppm
*** 12' - 14' FT	7		0 ppm
14' - 15' FT	8		0 ppm
18' - 20' FT	9		
- FT			
- FT			

COMMENTS: * Sample B-13A ** Sample B-13A *** Sample B-13C

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-14
 BORING LOCATION See Plan SHEET 14 OF 25

DATE 5/04/88 TIME 9:00 AM DRILLER East Coast Drilling
 START 5/04/88 9:00 AM PM OBSERVER Edward S. Huntley
 FINISH 5/04/88 11:00 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 18 FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0</u>
<u>2' - 4'</u> FT	<u>2</u>		<u>0</u>
<u>4' - 6'</u> FT	<u>3</u>		<u>0</u>
<u>6' - 8'</u> FT	<u>4</u>		<u>0</u>
<u>8' - 10'</u> FT	<u>5</u>		<u>0</u>
<u>10' - 12'</u> FT	<u>6</u>		<u>0</u>
<u>12' - 13.5'</u> FT	<u>7</u>		<u>0</u>
<u>14' - 16'</u> FT	<u>8</u>		<u>0</u>
<u>16' - 18'</u> FT	<u>9</u>		<u>0</u>
<u>-</u> FT			
<u>-</u> FT			

COMMENTS: * Sample B-14A ** Sample B-14B

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-15

BORING LOCATION See Plan SHEET 15 OF 25

DATE 5/04/88 TIME 12:00 NOON AM PM DRILLER East Coast Drilling
 START 5/04/88 12:00 AM PM OBSERVER Edward S. Huntley
 FINISH 5/04/88 12:45 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 14 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		0 ppm
2' - 4' FT	2		0 ppm
4' - 6' FT	3		0 ppm
6' - 8' FT	4		0.2 ppm
8' - 10' FT	5		0 ppm
10' - 12' FT	6		0 ppm
12' - 13.5' FT	7		0.2 ppm
- FT			
- FT			
- FT			
- FT			

COMMENTS: * Sample B-15A ** Sample B-15B

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-16

BORING LOCATION See Plan SHEET 16 OF 25

DATE 5/04/88 TIME 12:45 AM PM DRILLER East Coast Drilling
 START 5/04/88 AM PM OBSERVER Edward S. Huntley
 FINISH 5/04/88 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 4 FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		0 ppm
2' - 4' FT	2		0 ppm
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			
- - FT			

COMMENTS: * Sample B-16A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-17
 BORING LOCATION See Plan SHEET 17 OF 25

DATE 5/04/88 TIME 1:30 AM PM DRILLER: East Coast Drilling
 START 5/04/88 1:30 AM PM OBSERVER Edward S. Huntley
 FINISH 5/04/88 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 4.0 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		0 ppm
2' - 4' FT	2		0 ppm
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			

COMMENTS: * Sample B-17A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-18

BORING LOCATION See Plan SHEET 18 OF 25

DATE 5/04/88 TIME 2:20 AM PM DRILLER East Coast Drilling

START 5/04/88 2:20 AM PM OBSERVER Edward S. Huntley

FINISH 5/04/88 3:10 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 6.5' FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

_____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.

DRILLING METHOD Hollow Stem Auger SCREEN -- FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2' FT</u>	<u>1</u>		<u>0 ppm</u>
<u>2' - 4' FT</u>	<u>2</u>		<u>0 ppm</u>
<u>4' - 6' FT</u>	<u>3</u>		<u>0 ppm</u>
<u>6' - 6.5' FT</u>	<u>4</u>		<u>0 ppm</u>
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			
<u>- FT</u>			

COMMENTS: * Sample B-18A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-19
 BORING LOCATION See Plan SHEET 19 OF 25

DATE _____ TIME _____ DRILLER East Coast Drilling
 START 5/05/88 7:45 AM PM OBSERVER Edward S. Huntley
 FINISH 5/05/88 8:15 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 1.5 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 1' FT		No Sample Taken	
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			

COMMENTS: _____

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E. Site Assessment BORING # B-20

BORING LOCATION See Plan SHEET 20 OF 25

DATE _____ TIME _____ DRILLER East Coast Drilling

START 5/05/88 8:15 AM PM OBSERVER Edward S. Huntley

FINISH 5/05/88 9:00 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 6.0 FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

_____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.

DRILLING METHOD Hollow Stem Auger SCREEN -- FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		7 ppm
2' - 4' FT	2		0.2 ppm
4' - 6' FT	3		0.2 ppm
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			

COMMENTS: * Sample B-20A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-21

BORING LOCATION See Plan SHEET 21 OF 25

DATE 5/05/88 TIME 9:10 AM PM DRILLER East Coast Drilling
 START 5/05/88 9:10 AM PM OBSERVER Edward S. Huntley
 FINISH 5/05/88 9:45 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 7.0 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
<u>0' - 2'</u> FT	<u>1</u>		<u>0 ppm</u>
<u>2' - 4'</u> FT	<u>2</u>		<u>0 ppm</u>
<u>4' - 5'</u> FT	<u>3</u>		<u>0 ppm</u>
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: * Sample B-21A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
PROJECT 21-E Site Assessment BORING # B-22
BORING LOCATION See Plan SHEET 22 OF 25

DATE 5/05/88 TIME 10:30 AM PM DRILLER East Coast Drilling
START OBSERVER Edward S. Huntley
FINISH 5/05/88 11:00 AM PM REVIEWER

SURFACE ELEV. REFUSAL DEPTH 5.0 FT (ELEV.)
GROUNDWATER DEPTH N/A FT. (ELEV.) AFTER DAYS HRS.
TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV.)
BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV.)

SCREEN SPEC. N/A RISER -- FT.
DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
SAMPLING METHOD Split Spoon TOTAL -- FT.

Table with 4 columns: SAMPLE DEPTH, SAMPLE #, DESCRIPTION, HNU READING. Contains two rows of data for samples at 0'-2' and 2'-3.5' depths, both with 1 ppm readings.

COMMENTS: * Sample B-22A

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20
 PROJECT 21-E Site Assessment BORING # B-23
 BORING LOCATION See Plan SHEET 23 OF 25

DATE _____ TIME _____ DRILLER East Coast Drilling
 START 5/05/88 11:10 AM PM OBSERVER Edward S. Huntley
 FINISH 5/05/88 12:10 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 10.0 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL _____ FT.

<u>SAMPLE DEPTH</u>	<u>SAMPLE #</u>	<u>DESCRIPTION</u>	<u>HNU READING</u>
<u>0' - 2' FT</u>	<u>1</u>		<u>0 ppm</u>
<u>2' - 4' FT</u>	<u>2</u>		<u>0 ppm</u>
<u>4' - 6' FT</u>	<u>3</u>		<u>0 ppm</u>
<u>6' - 8' FT</u>	<u>4</u>		<u>0 ppm</u>
<u>** 8' - 9' FT</u>	<u>5</u>		<u>0.1 ppm</u>
<u>_____ FT</u>			
<u>_____ FT</u>			
<u>_____ FT</u>			
<u>_____ FT</u>			
<u>_____ FT</u>			
<u>_____ FT</u>			
<u>_____ FT</u>			
<u>_____ FT</u>			

COMMENTS: * Sample B-23A ** Sample B-23B

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-24

BORING LOCATION See Plan SHEET 24 OF 25

DATE 5/05/88 TIME 12:10 AM PM DRILLER East Coast Drilling
 START 5/05/88 AM PM OBSERVER Edward S. Huntley
 FINISH 5/05/88 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 1.5 FT (ELEV. _____)

GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

_____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.

TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)

BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.

DRILLING METHOD Hollow Stem Auger SCREEN -- FT.

SAMPLING METHOD Split Spoon TOTAL _____ FT.

<u>SAMPLE DEPTH</u>	<u>SAMPLE #</u>	<u>DESCRIPTION</u>	<u>HNU READING</u>
_____ FT		No Sample Taken	
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			
_____ FT			

COMMENTS: *

SOIL BORING/MONITORING WELL OBSERVATION FORM

HNU SAMPLE/READINGS

CLIENT Heritage State Park, Turners Falls, MA JOB # 250-072-20

PROJECT 21-E Site Assessment BORING # B-25

BORING LOCATION See Plan SHEET 25 OF 25

DATE 5/05/88 TIME 1:10 AM PM DRILLER East Coast Drilling
 START 5/05/88 1:10 AM PM OBSERVER Edward S. Huntley
 FINISH 5/05/88 1:30 AM PM REVIEWER _____

SURFACE ELEV. _____ REFUSAL DEPTH 10 FT (ELEV. _____)
 GROUNDWATER DEPTH N/A FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 _____ FT. (ELEV. _____) AFTER _____ DAYS _____ HRS.
 TOP PVC/CASING ABOVE SURFACE N/A FT. (ELEV. _____)
 BOTTOM SCREEN MEASURED FROM TOP PVC/CASING N/A FT. (ELEV. _____)

SCREEN SPEC. N/A RISER -- FT.
 DRILLING METHOD Hollow Stem Auger SCREEN -- FT.
 SAMPLING METHOD Split Spoon TOTAL --- FT.

SAMPLE DEPTH	SAMPLE #	DESCRIPTION	HNU READING
0' - 2' FT	1		0
2' - 4' FT	2		0
4' - 6' FT	3		0
6' - 8' FT	4		0
8' - 10' FT	5		0
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			
- FT			

COMMENTS: * Sample B-25A

BWSC Records Retention Check List

Date File Segregated: 1/13/05

Region: **1** RTN : 1-0000494 Notification Date: 10/15/1988
Closing Action: RAORCD A2 Date: 6/30/2000

Site Name/Location Aid: HERITAGE STATE PARK TF
Address: AVENUE A 1ST 2ND STS, MONTAGUE

DEP Box #
SRC Box #

Permanent Record

- Notification Records -- circle document(s): ~~RNF~~ ~~RLF~~ RLFA
- Response Action Outcome -- circle type: Class A Class B
- Activity and Use Limitation
- No Further Action (NFA) Submittal
- Waiver Completion Statement
- LSP Evaluation Opinion -- circle type: NDS NFA
- Notice of Audit Findings (NOFA)
 - Level 1
 - Level 2
 - Level 3
- Audit Follow Up Plan and Post Audit Completion Statement
- Correspondence -- circle document(s): NOR, NORA, NON, PAN, ACOP, UAO,

Other _____
- Phase I Initial Site Investigation
- Phase II-Comprehensive Site Assessment

BWSC Records Retention Check List

Records Storage Center

_____ Appendices in support of permanent records:

Analytical Data -- Type: soil, GW

_____ Boring Logs

_____ Other

_____ Phase III-Comprehensive Remedial Action Alternatives

_____ Phase IV-Implementation of Selected Remedial Action

_____ Phase V-Operation, Maintenance and/or Monitoring

_____ IRA -- circle submittal(s): Plan Status Report Completion Report

RAM -- circle submittal(s): Plan Status Report Completion Report

_____ URAM -- circle submittal(s): Plan Status Report Completion Report

Bill of Lading (BOL)

_____ Tier I Permit -- circle submittal(s): Application Extension

Tier Classification -- circle submittal(s): Tier Classification Tier II Extension

_____ Special Project Designation -- Application

_____ Transition Permit

_____ Waiver Application

_____ Public Involvement Records

DEP BWSC RAO LEVEL 1 AUDIT FORM

SCANNED

Disclaimer: This checklist is for use by DEP in reviewing Response Action Outcome (RAO) Statements and may not be relied upon for any other purpose. This checklist is not a comprehensive list of RAO requirements, which are fully set forth in MGL c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

Lead RTN: <u>10494</u>	ER ASM Staff: <u>P. Campagna</u>
SUBMITTAL TYPE (Circle one) <input checked="" type="radio"/> RAO-P LSP Eval. Opin. <input type="radio"/> Waiver Compl. St. <input type="radio"/> RAO w/ AUL Other: Related RTNs:	OHM description: (Source, Type of OHM, Media Affected) <u>PAH in soil resulting from history of industrial activities</u> Site Use: <u>Park</u> Date RAO Rcvd <u>1/31/05</u> Date Screened <u>3/17/05</u>
Town: <u>Montague</u>	Site Name: <u>Heritage State Park</u>
Address: <u>Avenue A & Second St</u>	
PRP/OPM: <u>Montague Economic Devlop Corp</u>	LSP Name: <u>Paul Beauvea</u>
Consultant: <u>Toghe & Bond</u>	LSP No.: <u>9999</u>

TECHNICAL SCREENING CHECKLIST

Condition	Page #		
I. SITE CONCERNS (Based upon conditions at time of RAO submittal)			
A. Time Critical Conditions	Yes	No	?
1. <input type="checkbox"/> Applicable GW-2 standard exceeded @ residence/school with no soil gas/indoor air sampling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. <input type="checkbox"/> More than 0.5" NAPL observed in any monitoring well	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. <input type="checkbox"/> One or more data points exceeds UCL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. <input type="checkbox"/> EPC in S-1 soil exceeds Method 1 standard and school/residence within 500 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. <input type="checkbox"/> Site contaminants impacting indoor air	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. Drinking Water	Yes	No	?
1. Site within potential drinking water source area (PDWSA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Site located within IWPA/mapped Zone II	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Private/Non- municipal public well(s) located within 500 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Municipal well(s) located within 1000 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. <input type="checkbox"/> Private well contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. <input type="checkbox"/> Public water supply contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. Contaminated Soil	Yes	No	?
1. Category S-3 Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Category S-2 Soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Category S-1 Soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. Site and Area Use	Yes	No	?
1. Industrial (no children likely to be present)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Commercial (limited presence of children)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. School/Institution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Residential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E. Released OHM [Contaminant Type(s)]	Yes	No	?
1. Petroleum Fuel Oils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Gasoline, lube oils, waste oils and other petroleum products	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Metals, coal tar, PCBs, pesticides/herbicides, asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Chlorinated Solvents or Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F. Environmental Concerns	Yes	No	?
1. Site within 500 feet of surface water and/or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Endangered species habitat, ACEC and/or certified vernal pool within 500 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Confirmed contamination of surface water, sediments and/or wetlands with site contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
G. Site Complexity	Yes	No	?
1. Media other than groundwater or soil affected (surface water, air, sediment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Co-mingled plumes (i.e., different sources from one or more sites co-mingled)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Bedrock contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If <input type="checkbox"/> conditions currently exist, see supervisor to discuss.			

DEP BWSC RAO LEVEL 1 AUDIT FORM

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II. TECHNICAL ADEQUACY		Citation(s)	Yes	No	?	NA	Page #
A. Remedial Response Actions - Indication That:							
1.	Documentation of removal of remediation waste provided	40.0034(5), (6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Remediation waste properly managed (reqmnts -Air 95%.gw, sw [NPDES], soil properly handled)	40.0031-40.0049	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Obtained DEP or other agency approvals and work done in accordance with approvals	40.0100(4), 40.0170(2-3, 5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. Source/Extent Investigations - Indication That:							
1.	History of OHM use/storage/disposal at the site included	40.0405(1), 40.0835(4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Potential source(s) identified, characterized, or abated (septic leach field, floor drain, AST, etc.)	40.0923(2), 40.1003(5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Extent of contamination defined (including downgradient)	40.0904(2)(a), 40.1003(4),(5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Potential or actual OHM analyzed for and/or evaluated (metals, VPH, VOCs, etc.)	40.0191(2), 40.0904(3)(a), 40.0926(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	All likely migration pathways (soil/gw/sw/air/sediment) identified/characterized/evaluated	40.0904(2)(c), 40.1004(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Proper sample collection technique/preservation/analysis/data reporting	40.0017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Risk Characterization - Indication That:							
1.	Background identified or characterized	40.0904(2)(b), 40.1020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Soil/groundwater category properly identified	40.0930	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	EPC calculation provided (spatial or temporal) and EPC properly calculated	40.0926	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Hot Spot(s) addressed, identified (as Hot Spot) and not added in to other EPCs	40.0924(2), 40.0926(3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Migration Pathways (air, groundwater, etc.) assessed and evaluated in RC (All Methods, media dependent)	40.0904(2)(c), 40.1004(1)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Applicable soil and/or groundwater standards not exceeded (Method 1 or 2) or AUL applied	40.0974, 40.0975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Correct risk characterization method used	40.0941, 40.0942	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.	All receptors accounted for (construction worker, trespassers, welland, etc.) or AUL applied (Method 3)	40.0920-40.0922	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9.	Proper Exposure Scenario assumptions (exposure period, etc.) (Method 3)	40.0923-40.0925	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10.	All Exposure Pathways (dermal, inhalation, etc.) evaluated (Method 3)	40.0925	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11.	Final RAO for facility/property submitted with total site risk calculated (Method 3)	40.0992, 40.0993(7),(8),(9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12.	AUL Permitted/Inconsistent Activities, etc. understandable to general public and clearly written	40.0923(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
III. Response Action Outcome Statement (RAO) Indication That:							
1.	RAO boundaries defined/delineated (clear description/plan of RAO boundaries)	40.1003(4), 40.1056(2)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Relationship of RAO to other RAOs for that location has been defined	40.1056(1)(d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3.	Correct RAO category	40.1030 - 40.1050	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Indication as to whether OHM(s) exceed UCLs presented	40.1056(1)(i)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DEP BWSC RAO LEVEL 1 AUDIT FORM

Disclaimer: This checklist is for use by DEP in reviewing *Response Action Outcome (RAO) Statements*, and may not be relied upon for any other purpose. This checklist is not a comprehensive list of RAO requirements, which are fully set forth in M.G.L. c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

A. CLASS A – Indication That:	Yes	No	?	NA	Page #
1. All uncontrolled sources have been eliminated or controlled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1035 (2)(b)
2. Groundwater concentrations do not exceed standards in GW-1 area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(5)(b)
3. Phase IV, Phase V or Post RAO O&M, where required, has been completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(6)
A-1. CLASS A-1 – Indication That:	Yes	No	?	NA	Page #
1. A permanent solution has been achieved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(1)(a)
2. The level of OHM at the site has been reduced to background	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(1)(a)
3. Response actions eliminated all threats of release and a release oil and/or hazardous material to the environment has not occurred (This question applies to threats of release only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(1)(b)
A-2. CLASS A-2 – Indication That:	Yes	No	?	NA	Page #
1. A permanent solution has been achieved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(2)(a)
2. A background feasibility evaluation has been conducted which demonstrates that achievement of background is not feasible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1020(3), 40.1056(2)(e)
A-3. CLASS A-3 – Indication That:	Yes	No	?	NA	Page #
1. A permanent solution has been achieved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(3)(a)
2. Obligations and Conditions of AUL have been implemented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(3)(c), 40.1056(2)(g)
3. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1074(2)(d-f, h)
4. A background feasibility evaluation has been conducted which demonstrates that achievement of background is not feasible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1020(3), 40.1056 (2)(e)
5. Groundwater or Soil OHM concentrations do not exceed UCLs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(3)(d)
A-4. CLASS A-4 – Indication That:	Yes	No	?	NA	Page #
1. A permanent solution has been achieved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(4)(a)
2. Obligations and Conditions of AUL have been implemented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(c), 40.1056(2)(g)
3. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1074(2)(d-f, h)
4. Groundwater or Soil concentrations exceed UCLs; however: (check only a, b, or c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(d), 40.1036(5)(a)
a. concentrations are consistent with background	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(5)(a)
b. contaminated soil is greater than 15 feet below grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(d), 40.1036(5)(a)
c. contaminated soil is beneath an engineered barrier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(d), 40.1036(5)(a)
5. Engineered barrier does compare favorably to all other alternatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.0859(4), 40.1036(4)(e)
6. UCL Feasibility Evaluation conducted and shows that achieving UCLs is not feasible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(4)(e), 40.1056(2)(f)

DEP BWSC RAO LEVEL 1 AUDIT FORM

Disclaimer. This checklist is for use by DEP in reviewing *Response Action Outcome (RAO)* Statements, and may not be relied upon for any other purpose. This checklist is not a comprehensive list of RAO requirements, which are fully set forth in M.G.L. c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

B. CLASS B – Indication That:	Yes	No	?	NA	Page #
1. Remedial actions have not been conducted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1045(2)
2. A level of No Significant Risk does exist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1045(1)
3. Initial Assessment, Phase I, or Phase II has been completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(5)
B-1. CLASS B-1 – Indication That:	Yes	No	?	NA	Page #
1. One or more AULs are not necessary to maintain a level of no significant risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(1)
B-2. CLASS B-2 – Indication That:	Yes	No	?	NA	Page #
1. Obligations and Conditions of AUL have been implemented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(2)(a), 40.1056(2)(g)
2. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1074(2)(d-f, h)
3. Groundwater or Soil OHM concentrations do not exceed UCLs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(2)(b)
B-3. CLASS B-3 – Indication That:	Yes	No	?	NA	Page #
1. Obligations and Conditions of AUL have been implemented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(3)(a), 40.1056(2)(g)
2. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1074(2)(d-f, h)
3. OHM concentrations exceed UCLs; however: (check only a or b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(3)(b),(c)
a. soil is located greater than 15 feet from ground surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(3)(b)
b. UCL Feasibility Evaluation was conducted and shows that achieving UCLs is not feasible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1046(3)(c)
C. CLASS C – Indication That:	Yes	No	?	NA	Page #
1. All substantial hazards have been eliminated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1050(1), 40.1056(2)(d)
2. Soil and/or groundwater concentrations exceed any applicable standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1050(2)(b)
3. Phase II and Phase III were submitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1050(3), 40.1050(4)(a)
4. Plan of definitive & enterprising steps to achieve a permanent solution is included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1050(5)(a), 40.1056(2)(i)
5. Statement indicating whether post RAO Active O&M will be conducted is included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1056(1)(e)
6. Plan for post-RAO active O&M is included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1056(2)(i)



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

A. SITE LOCATION:

1. Site Name: Heritage State park/Great Falls Discovery Center

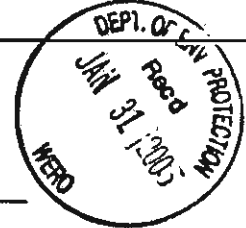
2. Street Address: Avenue A and Second Street

3. City/Town: Montague 4. ZIP Code: 01376-0000

5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

- a. Tier IA
- b. Tier IB
- c. Tier IC
- d. Tier II

6. If applicable, provide the Permit Number: _____



B. THIS FORM IS BEING USED TO: (check all that apply)

- 1. Submit a Phase I Completion Statement, pursuant to 310 CMR 40.0484.
- 2. Submit a Revised Phase I Completion Statement, pursuant to 310 CMR 40.0484.
- 3. Submit a Phase II Scope of Work, pursuant to 310 CMR 40.0834.
- 4. Submit an interim Phase II Report. This report does not satisfy the response action deadline requirements in 310 CMR 40.0500.
- 5. Submit a final Phase II Report and Completion Statement, pursuant to 310 CMR 40.0836.
- 6. Submit a Revised Phase II Report and Completion Statement, pursuant to 310 CMR 40.0836.
- 7. Submit a Phase III Remedial Action Plan and Completion Statement, pursuant to 310 CMR 40.0862.
- 8. Submit a Revised Phase III Remedial Action Plan and Completion Statement, pursuant to 310 CMR 40.0862.
- 9. Submit a Phase IV Remedy Implementation Plan, pursuant to 310 CMR 40.0874.
- 10. Submit a Modified Phase IV Remedy Implementation Plan, pursuant to 310 CMR 40.0874.
- 11. Submit an As-Built Construction Report, pursuant to 310 CMR 40.0875.

(All sections of this transmittal form must be filled out unless otherwise noted above)



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

B. THIS FORM IS BEING USED TO (cont.): (check all that apply)

12. Submit a **Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

Specify the outcome of Phase IV activities: (check one)

- a. Phase V Operation, Maintenance or Monitoring of the Comprehensive Remedial Action is necessary to achieve a Response Action Outcome.
- b. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- c. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- d. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

13. Submit a **Revised Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

14. Submit a **periodic Phase V Inspection & Monitoring Report**, pursuant to 310 CMR 40.0892.

15. Submit a **Remedy Operation Status**, pursuant to 310 CMR 40.0893.

16. Submit a **periodic Inspection & Monitoring Report to maintain a Remedy Operation Status**, pursuant to 310 CMR 40.0893(2).

17. Submit a **Termination of a Remedy Operation Status**, pursuant to 310 CMR 40.0893(5).

18. Submit a **final Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.

Specify the outcome of Phase V activities: (check one)

- a. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement (BWSC104) will be submitted to DEP.
- b. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- c. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and/or that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

19. Submit a **Revised Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.

20. Submit a **Post-Response Action Outcome Inspection & Monitoring Report**, pursuant to 310 CMR 40.0897.

(All sections of this transmittal form must be filled out unless otherwise noted above)



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that a *Phase I, Phase II, Phase III, Phase IV or Phase V Completion Statement* is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that a *Phase II Scope of Work or a Phase IV Remedy Implementation Plan* is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that an *As-Built Construction Report, Phase V Inspection and Monitoring Report, or a Remedy Operation Status* is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

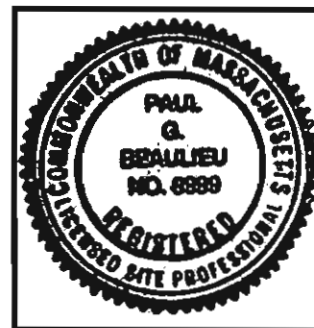
2. First Name: Paul 3. Last Name: Beaulieu

4. Telephone: (413) 875-1302 5. Ext.: _____ 6. FAX: (413) 562-5317

7. Signature: *Paul G. Beaulieu*

8. Date: 1/27/05
(mm/dd/yyyy)

9. LSP Stamp:





**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

D. PERSON UNDERTAKING RESPONSE ACTIONS:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Montague Economic Development & Industrial Corp.
3. Contact First Name: Jay 4. Last Name: Dipucchio
5. Street: 38 Avenue A 6. Title: Chairperson
7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000
10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

E. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Undertaking Response Actions Specify Relationship: _____

F. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.
3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase III Remedial Action Plan.
4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase IV Remedy Implementation Plan.
5. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of any field work involving the implementation of a Phase IV Remedial Action.
6. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Name. Send corrections to the DEP Regional Office.
7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

G. CERTIFICATION OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____
Signature

3. Title: Chairperson

4. For: Montague Economic Development & industrial Corp.
(Name of person or entity recorded in Section D)

5. Date: 01-27-2005
(mm/dd/yyyy)

6. Check here if the address of the person providing certification is different from address recorded in Section D.

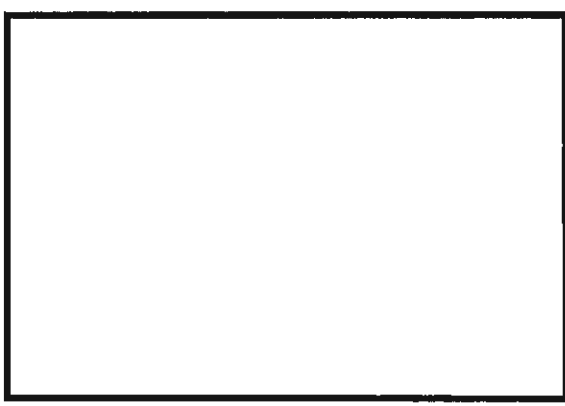
7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)



SCANNED

**RESPONSE ACTION OUTCOME
REPORT**

Great Falls Discovery Center
Avenue A & Second Street
Turners Falls, MA

RTN #1-494

Submitted to:

**MASSACHUSETTS DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

**Western Regional Office
Springfield, MA**

March 28, 2000

Submitted by:

**CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS
450 Cottage Street
Springfield, MA 01104-3219**

(413) 746 - 0796

File:j:\8463

1.0 INTRODUCTION

On behalf of Montague Economic Development & Industrial Corporation (MEDIC), Clough, Harbour & Associates, LLP (CHA), is submitting to the Massachusetts Department of Environmental Protection (DEP) a Report for the release Tracking Number (RTN) 1-0494. This release is located on the Great Falls Discovery Center property (formerly Heritage State Park) located at Avenue A and Second Street in Turners Falls, Massachusetts (the "Site", see Figure 1 (DEP RTN 1-0494)). A former consultant submitted a RAM Plan to the DEP on July 9, 1997 on behalf of MEDIC and received presumptive approval from DEP on July 30, 1997. A revised RAM Plan was submitted by this consultant to DEP on October 26, 1998 and approved by DEP on November 12, 1998. The site is a non priority Tier II classified site. A Release & Utility-Related Abatement Measure Transmittal Form (BWSC-106) and the RAM Report for RTN 1-0494 were filed with DEP on July 22, 1999 by CHA. Subsequent RAM Status Report and RAM Completion Report have been filed with DEP by CHA.

2.0 SITE DESCRIPTION

The Site occupies an area of approximately 3.5 acres on the north side of Avenue A, between First Street and Second Street in Turners Falls, Massachusetts (Figure 1). Two buildings exist on the entire Site, the Great Falls Discovery Center and a D.E.M. office (formerly Cumberland Farms). The Site is connected to municipal water and sewer services. There is no known on-site discharge of wastewater. The building and parking areas occupy an area of approximately 2.2 acres. This area had a remediation action complete as part of the closeout of the two (2) former gasoline stations (Cumberland Farms and Escott's Garage.)

The portion of the Site to which the RAM Plan and RAO applies consists of approximately 1.3 acres (subject property) located on the northwestern third of the property, behind the gravel parking lot. The RAM activities are being conducted northwest of the D.E.M. office and the former Escott's Garage, west of the Great Falls Discovery Center building, and south of the former rail road right-of-way along the power canal. This area is currently vacant land, primarily covered with gravel. It has formerly been used for parking. The owner proposes to develop a paved parking facility on this portion of the Site for use by the Canal Road Arts & Industry Building, the Great Falls Discovery Center, and for bicycle access to the former rail right-of-way.

The Site is located in downtown Turners Falls, with the Town Hall across Avenue A to the southeast, paper mills across the power canal to the north and northwest, the falls and bridge (Avenue A) to the northeast, and retail stores with some apartments above them along Avenue A to the southwest.

2.1 Site Location

Address: Avenue A and Second Street
Turners Falls, Massachusetts

County: Franklin

U.S.G.S. Quadrangle: Greenfield R, 1990 (Figure 1)

2.2 Identification of the Potentially Responsible Party

The Montague EDIC is responsible for completion of the RAO. The contact information is as follows:

Montague E.D.I.C.
38 Avenue A
Turners Falls, MA 01376
Contact: Mr. David Ziomek
(413) 863-3221 voice
(413) 863-3221 fax

2.3 Release History

The release was reported to the DEP in 1988. Its current compliance status assigned by the DEP is Tier II. On-site contamination is suspected to result from historical use of the Site as an automobile junkyard, coal burning, and blacksmithing purposes.

3.0 IDENTIFIED CONTAMINATION

3.1 Nature of Soil Contamination

Based on completion of several subsurface investigations at the Site, soil contaminants such as polyaromatic hydrocarbons (PAHs) and several metals have been detected at concentrations exceeding applicable Method 1 cleanup standards for soil. The concentrations of PAHs in Site soil are highly variable ranging from non-detectable to greater than the MCP reportable concentrations. However, the history of the Site and the location of highest contaminant concentrations support the belief that this contamination is a form of coal ash and that under the MCP (310 CMR 40.0317(9) and 40.0370 the Site is exempt from notification and submittal requirements if there is no significant risk to health, safety, public welfare or the environment.

3.2 Nature of Groundwater Contamination

Two groundwater monitoring wells were installed (CHA-2, CHA-6) however there has been no water table available for collecting samples.

3.3 Source of Contamination

The source of contamination is likely the result of historic site activities related to automotive junkyard, coal burning, and blacksmithing purposes.

3.4 Extent of Contamination

Contaminants identified in soil at the Site are present from the ground surface to a maximum depth of 18 inches below the ground surface. The lateral extent of the confirmed soil contamination was previously identified within and approximately 1.3 acre area. The lateral extent of contamination as determined from the latest boring program is confined to the areas around borings CHA-1, CHA-2, CHA-4 and CHA-7.

4.0 CATEGORY OF RESPONSE ACTION OUTCOME

The category for this Response Action Outcome (RAO) statement is a Class A-3. The reasons for this classification are:

- (a) a permanent solution has been achieved;
- (b) the level of oil and hazardous material in the environment has not been reduced to background;
- (c) one or more activity and use limitations have been implemented pursuant to 310 CMR 40.1012 to maintain a level of No Significant Risk; and
- (d) Oil or hazardous material at the disposal site does not exceed an applicable Upper Concentration Limit (UCL) in Soil listed at 310 CMR 40.0996 (7).

A permanent solution has been achieved through; the RAM completion for removal of the hot spot soils, the paving of the contaminated area to meet S-2 standards and the implementation of an AUL to maintain a level of no significant risk. It was not feasible to reduce the contaminant level to that of background levels and none of the contaminant levels exceeds the UCL level for that specific contaminant.

Public participation in this project has been by public notification in the local newspaper and stated that public bidding on the parking lot construction and RAM activities are occurring and plans and specifications are publicly available for review. In addition, notice is also being published that the RAM completion and RAO statement are available at the Town and MEDIC for public review and/or input. The specific Form #8 for notice of an Activity and Use Limitation (AUL) has been published in the local newspaper and filed with the Town of Montague Municipal Officer, Board of Health, Zoning Official and Building Code Official.

5.0 RISK CHARACTERIZATION

The purpose of Risk Characterization is to identify and evaluate site conditions, which may pose an Imminent Hazard and to establish whether a level of No Significant Risk exists or has been achieved at this specific disposal site. This site has been determined to not have an Imminent Hazard and with the completed RAM and implemented Activity and Use Limitation (AUL) to be at a level that No Significant Risk exists at the site.

The background and specific site information pertaining to the release at this site are described in Sections 3.0 of this RAO Report.

5.1 Receptor Information

The identification of receptors, site activities and uses, exposure points and exposure point concentrations has been conducted in a manner that provides a conservative estimate of the exposure to oil and/or hazardous material which a receptor may receive within the contaminated area over a period of time. The period of time in this case is the foreseeable future for which the site will be maintained and the Activity and Use Limitation shall apply.

The Human Receptors likely to be present at the disposal site vary from residents that live on property across the street, to workers who will be employed at the Great Falls Discovery Center, to the Children who will visit the Center. The conservative approach is to use children as the receptor. The exposure points are of two physical types at this site, one being the undeveloped landscaped area of the site and the second being the developed parking lot and sidewalks. The so-called "hot spots" at this site are at boring locations CHA-1 and CHA-7. These areas have been remediated by the removal and disposal of this soil and the construction of the paved parking area and installation of a geotextile engineered barrier to minimize the potential for exposure.

The Environmental Receptors identified for this site would be wildlife such as squirrels, birds, domestic pets and plants. The developed area of this site will prohibit exposure of these receptors to the area of highest contamination. The undeveloped areas of the site will allow exposure points to occur but this area meets S-1 standards with the exception of 1 metal (antimony) detected in the surface layer at boring # CHA-6.

The identification of Site Activities and Uses is somewhat indicated by the name of the site, Great Falls Discovery Center. The site will become a destination for visitors to see and observe the Turner's Falls attributes of the Connecticut River along with the historic significance of the dam, power canal and mills. The subject site will provide the parking area for these visitors while the landscaped areas will allow leisure activities such as picnicking, sunbathing and relaxation. Environmental Receptors might use the area for nesting, mating, foraging and general support of plant populations due to the landscaping and natural occurring vegetation.

The main exposure point identified is that of surficial soil exposure in the undeveloped landscaped area and potentially accessible soil exposure in the developed area. The "hot spot" areas of borings CHA-1 and CHA-7 were initially identified and determined to be areas where release abatement measures (RAM) would be conducted to remove the contaminated soil in these areas. These identified exposure points are discussed in greater detail in the Identification of Site Soil Categories and Method 1 Risk Characterization that follows this section.

The Exposure Pathways identified for this site is that of dermal absorption from soil and potential for ingestion of soil by an infant. The Identification of Exposure Point Concentration was achieved using soil samples from the borings which were conducted at different depths. The surface layer being the most important for the undeveloped area of the site and this sample denoted as "S1" was taken from a depth of 0 to 2 feet below the surface (See Attached Table).

5.2 Identification of Site Groundwater and Soil Categories

At the time of the borings conducted by CHA, two groundwater-monitoring wells were installed. These locations are shown as CHA-2 and CHA-6 (See Attached Site Plan). These wells have not had enough depth of groundwater to properly bail and sample. Previous assessment work on the site had concluded that due to the shallow depth to bedrock there was not an effective means to sample the groundwater. In addition, with the understanding that the most impacted area of the site was to be paved and that the "hot spot" soils were to be removed under the RAM Activities; there was no apparent reason to proceed further on groundwater sampling. The groundwater would be classified as Category GW-3 and is not a source for water supply.

The applicable Soil Categories for the site are S-1 for the undeveloped landscaped area and S-2 for the developed paved areas. Table 40.933 (9) – Soil Category Selection matrix was used to identify these applicable categories. The undeveloped landscaped area will have the potential for high frequency of visits by children with a general low intensity of use but potential for high intensity use. This dictated the selection of S-1. The developed area is predominately paved or covered by concrete sidewalks. The exception being areas outside of the pavement/concrete near borings CHA-1 and CHA-7. These small areas had contaminated soil removed to a depth of three feet or ledge whichever was shallower. A geotextile fabric/ engineered barrier was placed over these areas and backfilled with clean soil. Therefore these areas are only potentially accessible and fall into the S-2 category.

5.3 Method 1 Risk Characterization

CHA has selected the Method 1 Risk Characterization approach because the contaminants of concern for this site are listed elements with numerical standards for chemicals in the soil. This will allow characterization of risk of harm to health, public welfare and the environment. These standards are referred to as "MCP Method 1 Standards" and are listed in 310 CMR 40.0970 through 40.0979.

As stated earlier, groundwater samples could not be collected and therefore groundwater contamination levels, if present, are not known. However, the groundwater is classified as GW-3 and TCLP testing has indicated that there is minimal leaching of the elevated metal contaminants that have been detected. Thus, this Method 1 Risk Characterization is applicable to just soil contaminants. The undeveloped/landscaped area contamination levels are compared to category S-1 level and the developed area soil characteristics are compared to soil category S-2 levels.

The undeveloped landscaped area of this site is classified as soil category S-1 because it will have a high frequency of use and high intensity of use by children visiting the Discovery Center. All boring samples conducted by CHA meet S-1 soil standards for detected contaminants with the exception of CHA-6. This boring sample in the surface layer (0-2' feet depth) slightly exceeded the S-1 standard for Antimony (12.2 ppm vs. 10.0 ppm). However, the old set of stairs in this area is to be removed thereby discouraging the use of this area (Potentially Accessible S-2). This area is at the top of the steep bank leading down to the canal. This area will be allowed to overgrow with vegetation, further discouraging its use. Soil samples taken by others in the area of CHA-6 had antimony levels below the S-1 standard (See Sheet AUL-1). Previous assessments by others have also shown this undeveloped landscaped area meets S-1 standards for detected contaminants. Therefore this area does not pose any significant risk to humans or environmental receptors.

The developed area is either paved, covered with concrete or contains a geotextile fabric and therefore only potentially accessible. This area is classified as S-2. The areas in the vicinity of CHA-1 and CHA-7 had soil removed from these identified "hot spots". In addition some soil in the area between CHA-1 and CHA-4 was removed in order for the 12-inch culvert to be installed. This soil was stockpiled with the RAM soil and disposed of off-site. All other boring samples met S-2 standards for identified contaminants and this includes the analysis from previous assessments by others. An Activity and Use Limitation (AUL) being implemented on this area will ensure that uses are in line with the S-2 classification. Therefore due to the RAM completion and implementation of an AUL on this area, there is no significant risk to humans or environmental receptors.

6.0 RELATION TO OTHER RESPONSE ACTION OUTCOME STATEMENTS

Previous assessments and site closures in the immediate vicinity or part of the subject site were either pre-MCP dates or at the final remediation stage. Specifically, this is the work done at the Cumberland Farms site and the Escott's Sunoco Station. Therefore, these assessments and UST closures stood alone and had minimal impact and relation to this work on the northwest side of the former Cumberland Farms building. Prior assessment work at the subject site had never been carried further than assessment activities under the MCP. Former RAM Plans had been submitted, but had not been implemented or completed.

7.0 ACTIVITY USE LIMITATION

The historic activities at the subject site have contaminated the soils at levels above background levels. This level of contamination has not shown signs of significant groundwater impacts although this can not be qualified due to the lack of groundwater for sampling. This area is not in a groundwater protection zone and the intended use is that of parking and leisure recreation associated with visitors attending the Great Falls Discovery Center. Therefore, this site falls into the best management practice of implementing an Activity and Use Limitation (AUL) to maintain a level of No Significant Risk with the completion of RAM activities and construction of a paved parking/sidewalk area.

8.0 LICENSED SITE PROFESSIONAL OPINION

This RAO submittal is supported by the Licensed Site Professional Opinion that the requirements of a Category A-3 RAO as specified in 310 CMR 40.1000 have been met.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-104

RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADIENT PROPERTY STATUS TRANSMITTAL FORM

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

1 - 494

A. SITE OR DOWNGRADIENT PROPERTY LOCATION:

Site Name: (optional) GREAT FALLS DISCOVERY CENTER (HERITAGE STATE PARK)

Street: Avenue A & Second Street

Location Aid: _____

City/Town: Turners Falls, MA

ZIP Code: 01376 - 0000

Check here if this Site location is Tier Classified. If a Tier I Permit has been issued, state the Permit Number: _____

Related Release Tracking Numbers that this Form Addresses: _____

If submitting an RAO Statement, you must document the location of the Site or the location and boundaries of the Disposal Site subject to this Statement. If submitting an RAO Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site. If submitting a Downgradient Property Status Submittal, you must provide a site plan of the property subject to the submittal and, to the extent defined, the Disposal Site.

B. THIS FORM IS BEING USED TO: (check all that apply)

Submit a Response Action Outcome (RAO) Statement (complete Sections A, B, C, D, E, F, H, I, J and L).

Check here if this is a revised RAO Statement. Date of Prior Submittal: _____

Check here if any Response Actions remain to be taken to address conditions associated with any of the Releases whose Release Tracking Numbers are listed above. This RAO Statement will record only an RAO-Partial Statement for those Release Tracking Numbers.

Specify Affected Release Tracking Numbers: _____

Submit an optional Phase I Completion Statement supporting an RAO Statement or Downgradient Property Status Submittal (complete Sections A, B, H, I, J, and L).

Submit a Downgradient Property Status Submittal (complete Sections A, B, G, H, I, J and K).

Check here if this is a revised Downgradient Property Status Submittal. Date of Prior Submittal: _____

Submit a Termination of a Downgradient Property Status Submittal (complete Sections A, B, I, J and L).

Submit a Periodic Review Opinion evaluating the status of a Temporary Solution (complete Sections A, B, H, I, J and L).

Specify one: For a Class C RAO For a Waiver Completion Statement indicating a Temporary Solution

Provide Submittal Date of RAO Statement or Waiver Completion Statement: _____

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

Assessment and/or Monitoring Only

Removal of Contaminated Soils

Re-use, Recycling or Treatment

On Site Off Site Est. Vol.: _____ cubic yards

Describe: _____

Landfill Cover Disposal Est. Vol.: 165 cubic yards

Removal of Drums, Tanks or Containers

Describe: _____

Removal of Other Contaminated Media

Specify Type and Volume: _____

Other Response Actions

Describe: _____

Deployment of Absorbent or Contaminant Materials

Temporary Covers or Caps

Bioremediation

Soil Vapor Extraction

Structure Venting System

Product or NAPL Recovery

Groundwater Treatment Systems

Air Sparging

Temporary Water Supplies

Temporary Evacuation or Relocation of Residents

Fencing and Sign Posting

SECTION C IS CONTINUED ON THE NEXT PAGE.



**RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRAIDENT PROPERTY STATUS TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

1 - 494

C. DESCRIPTION OF RESPONSE ACTIONS: (continued)

Check here if any Response Action(s) that serve as the basis for this RAO Statement involve the use of Innovative Technologies. (DEP is interested in using this information to create an Innovative Technologies Clearinghouse.)

Describe Technologies: _____

D. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste was sent to an off-site facility, answer the following questions)

Name of Facility: Bondies Island, Landfill

Town and State: Agawam, MA 01001

Quantity of Remediation Waste Transported to Date: Approximately 165 Cubic Yards

E. RESPONSE ACTION OUTCOME CLASS:

Specify the Class of Response Action Outcome that applies to the Site or Disposal Site. Select **ONLY** one Class:

Class A-1 RAO: Specify one of the following:

Contamination has been reduced to background levels. A Threat of Release has been eliminated.

Class A-2 RAO: You **MUST** provide justification that reducing contamination to background levels is infeasible.

Class A-3 RAO: You **MUST** provide both an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to background levels is infeasible.

If applicable, provide the earlier of the AUL expiration date or date the design life of the remedy will end: _____

Class B-1 RAO: Specify one of the following:

Contamination is consistent with background levels Contamination is **NOT** consistent with background levels.

Class B-2 RAO: You **MUST** provide an implemented AUL.

If applicable, provide the AUL expiration date: _____

Class C RAO: Check here if you will conduct post-RAO Operation, Maintenance and Monitoring at the Site.

Specify One: Passive Operation and Maintenance Monitoring Only

Active Operation and Maintenance (defined at 310 CMR 40.0006)

F. RESPONSE ACTION OUTCOME INFORMATION:

If an RAO Compliance Fee is required, check here to certify that the fee has been submitted. You **MUST** attach a photocopy of the payment.

Check here if submitting one or more AULs. You must attach an AUL Transmittal Form (BWSC-113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below: (required for all Class A-3 RAOs and Class B-2 RAOs)

Notice of Activity and Use Limitation. Grant of Environmental Restriction. Number of AULs attached: 1

Specify the Risk Characterization Method(s) used to achieve the RAO described above and all Soil and Groundwater Categories applicable to the Site.

More than one Soil Category and more than one Groundwater Category may apply at a Site.

Be sure to check off all APPLICABLE categories, even if more stringent soil and groundwater standards were met.

Risk Characterization Method(s) Used: Method 1 Method 2 Method 3

Soil Category(ies) Applicable: S-1 S-2 S-3

Groundwater Category(ies) Applicable: GW-1 GW-2 GW-3

> When submitting any Class A-1 RAO or a Class B-1 RAO where contamination is consistent with background levels, do **NOT** specify a Risk Characterization Method.

> When submitting any Class A-2 RAO or a Class B-1 RAO where contamination is **NOT** consistent with background levels, you cannot use an AUL to maintain a level of no significant risk. Therefore, you must meet S-1 Soil Standards, if using Risk Characterization Method 1.



**RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADIANT PROPERTY STATUS TRANSMITTAL FORM**
Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

G. DOWNGRADIANT PROPERTY STATUS SUBMITTAL:

- If a Downgradient Property Status Submittal Compliance Fee is required, check here to certify that the fee has been submitted. You **MUST** attach a photocopy of the payment.
- Check here if a Release(s) of Oil or Hazardous Material(s), other than that which is the subject of this submittal, has occurred at this property.
Release Tracking Number(s): _____
- Check here if the Releases identified above require further Response Actions pursuant to 310 CMR 40.0000.

Required documentation for a Downgradient Property Status Submittal includes, but is not limited to, copies of notices provided to owners and operators of both upgradient and downgradient abutting properties and of any known or suspected source properties.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

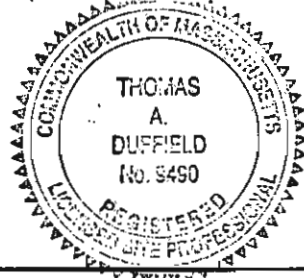
> if Section B indicates that a Downgradient Property Status Submittal is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in 310 CMR 40.0183(2)(b), and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that either an RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

- Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you **MUST** attach a statement identifying the applicable provisions thereof.

LSP Name: Thomas A. Duffield LSP #: 9490 Stamp: _____
 Telephone: (603) 357- 2445 Ext.: _____
 FAX: (optional) (603) 357 - 8870
 Signature: *Thomas A. Duffield*
 Date: 3/28/00



I. PERSON MAKING SUBMITTAL:

Name of Organization: Montague Economic Development & Industrial Corporation
 Name of Contact: David Ziomek Title: Project Manager
 Street: 38 Avenue A
 City/Town: Turners Falls State: MA ZIP Code: 01376 -0000
 Telephone: (413) 863 - 3221 Ext.: _____ FAX: (optional) _____

J. RELATIONSHIP TO SITE OF PERSON MAKING SUBMITTAL: (check one)

- RP or PRP Specify: Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Submitting This Form Specify Relationship: _____



**RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADE PROPERTY STATUS TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

1 - 494

K. CERTIFICATION OF PERSON SUBMITTING DOWNGRADE PROPERTY STATUS SUBMITTAL:

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form; (ii) that, based on my inquiry of the/those individual(s) immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge, information and belief, true, accurate and complete; (iii) that, to the best of my knowledge, information and belief, I/the person(s) or entity(ies) on whose behalf this submittal is made satisfy(ies) the criteria in 310 CMR 40.0183(2); (iv) that I/the person(s) or entity(ies) on whose behalf this submittal is made have provided notice in accordance with 310 CMR 40.0183(5); and (v) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is/are aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: _____ Title: _____
(signature)

For: _____ Date: _____
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: (optional) _____

L. CERTIFICATION OF PERSON MAKING SUBMITTAL:

If you are completing only a Downgradient Property Status Submittal, you do not need to complete this section of the form.

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

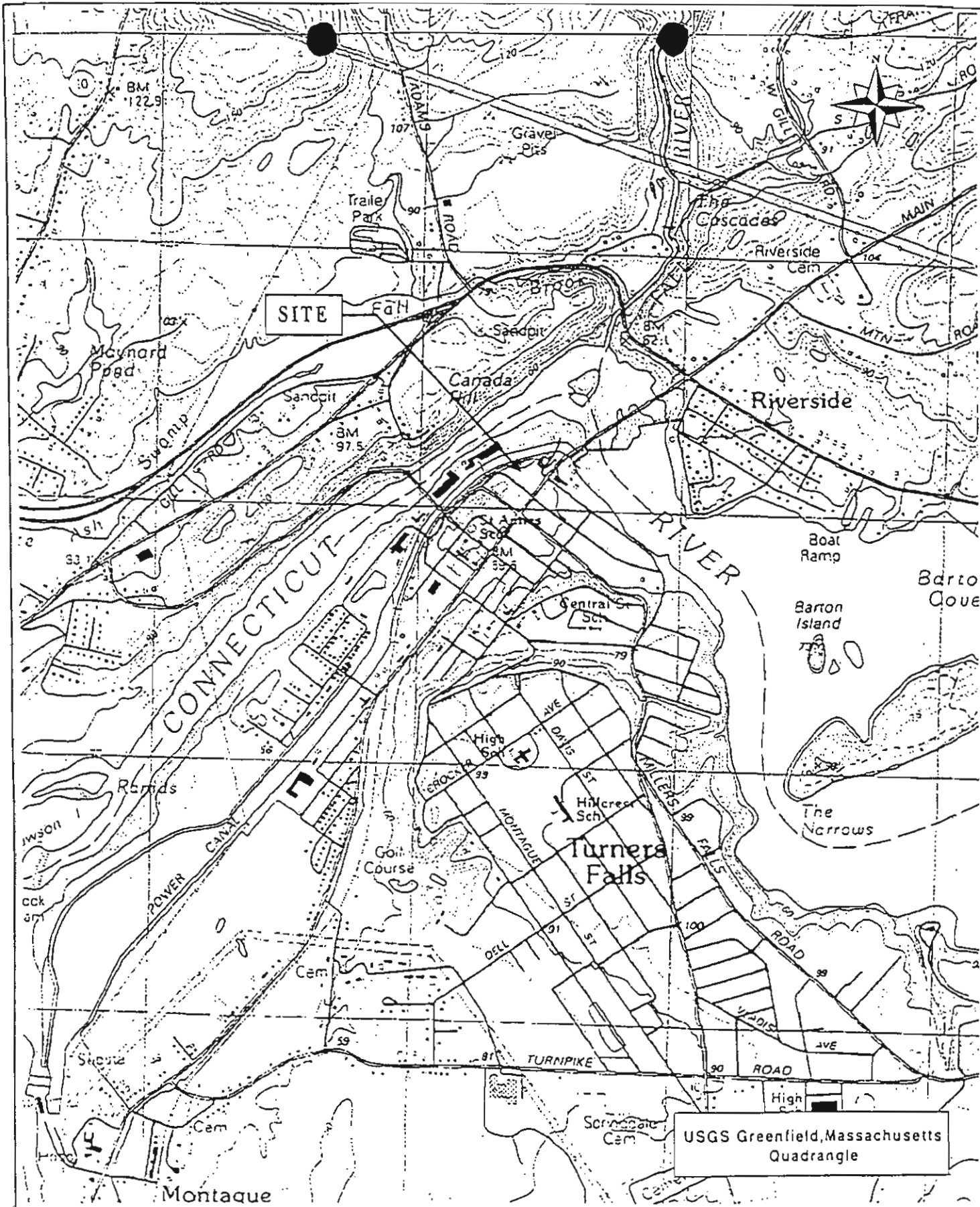
By: Sam E Campbell Title: Chairman
(signature)

For: Save Campbell Date: 5/15/00
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: (optional) _____

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE, AND YOU MAY INCUR ADDITIONAL COMPLIANCE FEES.



Great Falls Discovery Center
 38 Avenue A
 Turners Falls, Massachusetts

Figure 1
 Locus Map

MEDIC Site
Montague, Massachusetts

Extractable Petroleum Hydrocarbons (Table 1)

TEST PARAMETER (mg/l unless noted)	MDL	S2/GW3	CHA1-S1	CHA1-S2	CHA1-S3	CHA2-S1	CHA2-S2	CHA3-S1	CHA4-S1	CHA4-S2	CHA5-S1	CHA7-S1	CHA 7-S2	CHA8-S1	CHA10-S1	CHA12-S2	CHA13-S2	CHA14-S2	CHA17-S1	
Aliphatics/Aromatics (mg/Kg)																				
C9-C18 Aliphatic Hydrocarbons	13.2	2,500	400			nd		nd		nd		nd	nd	nd	nd	nd	nd	nd	nd	nd
C9-C36 Aliphatic Hydrocarbons	13.2	5,000	9,400		210	nd		nd			nd	250		960	nd	nd	nd	nd	nd	nd
C11-C22 Aromatic Hydrocarbons	13.2		1,054		nd	nd		nd			nd	nd		nd	nd	nd	nd	nd	nd	nd
Unadjusted C11-C22 Aromatics	13.2	2,000	1,084		nd	nd		nd			nd	nd		nd	nd	nd	nd	nd	nd	nd
TPH				500			130		1,400	nd			nd							
Diesel PAH Analytes (ppm)																				
Naphthalene	132	1,000	nd		nd			nd			nd	nd		nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene	132	1,000	nd		nd			nd			nd	nd		nd	nd	nd	nd	nd	nd	nd
Phenanthrene	132	100	nd	0.6		0.55		nd	0.65	0.72	nd	2.5		1.5	nd	nd	nd	nd	nd	0.38
Acenaphthene	132	2,500	nd		nd			nd	nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd
Other Target																				
PAH Analytes (ppm)																				
Acenaphthylene	132	1,000	nd		nd		2	nd	nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd
Anthracene	132	2,500	nd		nd		1.3	nd	nd	0.18	nd	0.56		nd	nd	nd	nd	nd	nd	nd
(a) anthracene	132	1.0	2.2	0.5	nd	0.42	8.0	nd	0.46	0.50	nd	0.95		0.80	nd	nd	nd	nd	nd	nd
Benzo (a) pyrene	132	0.7	2.4	0.5	nd	0.54	8.1	nd	0.57	0.51	nd	0.98		nd	nd	nd	nd	nd	nd	nd
Benzo (b) fluoranthene	132	1.0	3.4	0.5	nd	0.65	5.6	nd	0.64	0.52	nd	1.10		0.82	nd	nd	nd	nd	nd	0.19
Benzo (g,h,i) perylene	132	2,500	1.4	0.4	nd	nd	4.4	nd	0.73	0.41	nd	0.40		nd	nd	nd	nd	nd	nd	nd
Benzo (k) fluoranthene	132	10	1.7	0.2	nd	nd	3.4	nd	0.23	0.21	nd	0.49		nd	nd	nd	nd	nd	nd	nd
Chrysene	132	10	3.7	0.5	nd	0.56	6.5	nd	0.53	0.44	nd	1.10		0.85	nd	nd	nd	nd	nd	0.21
Dibenzo (a,h) anthracene	132	0.7	nd	nd	nd	nd	1.4	nd	0.17	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd
Fluoranthene	132	1,000	6.6	0.9	nd	1.3	0.13	nd	0.68	0.95	nd	2.60		2.30	nd	nd	nd	nd	nd	0.59
Fluorene	132	2,000	nd	nd	nd	nd	0.22	nd	nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd
Indeno (1,2,3-cd) pyrene	132	1.0	1.6	0.3	nd	nd	4.4	nd	0.54	0.34	nd	0.48		nd	nd	nd	nd	nd	nd	nd
Pyrene	132	2,000	6.8	0.9	nd	1.2	1.3	nd	1.0	0.99	nd	2.30		2.20	nd	nd	nd	nd	nd	0.53

* MDL varied per sample (See hard copy - lab data by Spectrum Analytical)



SCANNED

RELEASE & UTILITY-RELATED ABATEMENT MEASURE (RAM & URAM) TRANSMITTAL FORM

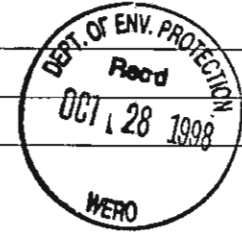
Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

A. SITE LOCATION:

Site Name: Great Falls Discovery Center (Heritage State Park)
Street: Avenue E & Second Street
City/Town: Turners Falls, MA
ZIP Code: 01376-0000



Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

Related Release Tracking Numbers That This RAM or URAM Addresses:

B. THIS FORM IS BEING USED TO: (check all that apply)

- Submit a RAM Plan (complete Sections A, B, C, D, E, F, J, K, L and M).
Check here if this RAM Plan is an update or modification of a previously approved written RAM Plan. Date Submitted: 7-9-97
Submit a RAM Status Report (complete Sections A, B, C, E, J, K, L and M).
Submit a RAM Completion Statement (complete Sections A, B, C, D, E, G, J, K, L and M).
Confirm or Provide URAM Notification (complete Sections A, B, H, K, L and M).
Submit a URAM Status Report (complete Sections A, B, C, E, J, K, L and M).
Submit a URAM Completion Statement (complete Sections A, B, C, D, E, I, J, K, L and M).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. SITE CONDITIONS:

- Check here if the source of the Release or Threat of Release is known.
If yes, check all sources that apply: UST, Pipe/Hose/Line, AST, Drums, Transformer, Boat, Tanker Truck, Vehicle, Other Specify: Coal ash from historic site use.
Identify Media and Receptors Affected: (check all that apply) Air, Groundwater, Surface Water, Sediments, Soil, Wetlands, Storm Drain, Paved Surface, Private Well, Public Water Supply, Zone 2, Residence, School, Unknown, Other Specify:

Identify Release and/or Threat of Release Conditions at Site: (check all that apply)

- 2 and 72 Hour Reporting Condition(s), 120 Day Reporting Condition(s), Other Condition(s)
Describe Site with expired Waiver of Approvals, currently default Tier IB. Tier II extension to be filed within several weeks.

RAMs may be conducted concurrently with an IRA only with written DEP approval
URAMs may not be conducted if any 2 or 72 Hour conditions exist at the site.

Identify Oils and Hazardous Materials Released: (check all that apply) Oils, Chlorinated Solvents, Heavy Metals, Others Specify: PAH compounds

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
Excavation of Contaminated Soils
Re-use, Recycling or Treatment
On Site (checked) Off Site Est. Vol.: 225.0 cubic yards
Describe: On-site reuse of excavated soil.
Store On Site Off Site Est. Vol.: cubic yards
Deployment of Absorbant or Containment Materials
Temporary Covers or Caps
Bioremediation
Soil Vapor Extraction
Structure Venting System
Product or NAPL Recovery

SECTION D IS CONTINUED ON THE NEXT PAGE.



RELEASE & UTILITY-RELATED ABATEMENT MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

- Landfill, Cover, Disposal, Est. Vol.: cubic yards
Removal of Drums, Tanks or Containers
Removal of Other Contaminated Media
Other Response Actions
Groundwater Treatment Systems
Air Sparging
Temporary Water Supplies
Temporary Evacuation or Relocation of Residents
Fencing and Sign Posting

See 310 CMR 40.0442 for limitations on the scope and type of RAMs. See 310 CMR 40.0464 for performance standards for URAMS.

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility:
Town and State:
Quantity of Remediation Waste Transported to:
Date:

F. RAM PLAN:

- Check here if this RAM Plan received previous oral approval from DEP as a continuation of a Limited Removal Action (LRA).
Date of Oral Approval:
If a RAM Compliance Fee is required, check here to certify that the fee has been submitted.
Check here if the RAM Plan is proposed for a Transition Site.

G. RAM COMPLETION STATEMENT:

- If a RAM Compliance Fee is required in connection with submission of the RAM Completion Statement, check here to certify that the fee has been submitted.
If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement, you must submit a Phase IV Remedy Implementation Plan...

H. URAM NOTIFICATION:

Identify Location Type: (check all that apply)
Identify Utility Type: (check all that apply)
Telephone, Steam Lines, Telecommunications, Electric, Other
Check here if you provided DEP with previous oral notification of this URAM.
Date of Oral Notice:
Check here if the property owner was NOT contacted prior to initiation of the URAM.
Check here if this URAM will occur in connection with the construction of new public utilities.

With the exception stated below, the person undertaking the URAM must provide the name and license number of an LSP engaged or employed in connection with the URAM:
LSP Name:
LSP License Number:
LSP information is not required if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil...



**RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

I. URAM COMPLETION STATEMENT:

Check here if this URAM was limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated by either a Hazardous Material or a mixture of a Hazardous Material and Oil.

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the URAM Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the URAM Completion Statement.

J. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a Release Abatement Measure Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

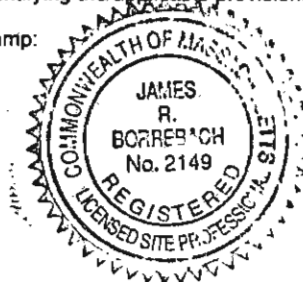
> if Section B of this form indicates that a Release Abatement Measure Status Report or a Utility-Related Abatement Measure Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Release Abatement Measure Completion Statement or a Utility-Related Abatement Measure Completion Statement is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: James R. Borrebach LSP #: 2149 Stamp:
Telephone: 781-982-5422 Ext.:
FAX: 781-982-5490
Signature: *James R. Borrebach*
Date: 10/26/98



An LSP Opinion is not required for a Utility-Related Abatement Measure Notification.

An LSP Opinion is not required for a URAM Completion Statement if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by Hazardous Material or a mixture of Hazardous Material and Oil.

K. PERSON UNDERTAKING RAM OR URAM:

Name of Organization: Montague Economic Development & Industrial Corporation
Name of Contact: Nancy DuBosque Title: Project Manager
Street: 38 Avenue A
City/Town: Turners Falls State: MA ZIP Code: 01376-0000
Telephone: 413-863-3221 Ext.: FAX: 413-863-3221 (optional)

Check here if there has been a change in person undertaking the RAM or URAM.



**RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

L. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RAM or URAM: (check one)

- RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Undertaking RAM or URAM Specify Relationship: _____

M. CERTIFICATION OF PERSON UNDERTAKING RAM OR URAM:

I, Sara E. Campbell, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: *Sara E. Campbell* Title: Chairperson
(signature)

For Montague, E.D.I.C. Date: 10/23/98
(print name of person or entity recorded in Section K)

Enter address of person providing certification, if different from address recorded in Section K:
Street: _____
City/Town: _____ State _____ ZIP Code: _____
Telephone: _____ Ext. _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

1 - 494

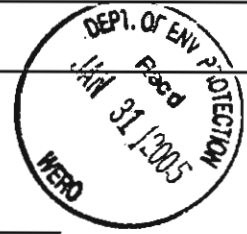
A. SITE LOCATION:

1. Site Name/Location Aid: Heritage State Park/Great Falls Discovery Center

2. Street Address: Avenue A and Second Street

3. City/Town: Montague 4. ZIP Code: 01376-0000

5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.
 a. Tier 1A b. Tier 1B c. Tier 1C d. Tier 2



6. If a Tier I Permit has been issued, provide Permit Number: _____

B. THIS FORM IS BEING USED TO: (check all that apply)

1. List Submittal Date of RAO Statement (if previously submitted): _____ mm/dd/yyyy

2. Submit a Response Action Outcome (RAO) Statement

a. Check here if this RAO Statement covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) covered by this RAO Statement. - -

3. Submit a Revised Response Action Outcome Statement

a. Check here if this Revised RAO Statement covers additional Release Tracking Numbers (RTNs), not listed on the RAO Statement or previously submitted Revised RAO Statements. RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) covered by this RAO Statement. - -

4. Submit a Response Action Outcome Partial (RAO-P) Statement

Check above box, if any Response Actions remain to be taken to address conditions associated with this disposal site having the Primary RTN listed in the header section of this transmittal form. This RAO Statement will record only an RAO-Partial Statement for that RTN. A final RAO Statement will need to be submitted that references all RAO-Partial Statements and, if applicable, covers any remaining conditions not covered by the RAO-Partial Statements.

5. Submit an optional Phase I Completion Statement supporting an RAO Statement

6. Submit a Periodic Review Opinion evaluating the status of a Temporary Solution for a Class C RAO Statement (Section E is optional)

7. Submit a Retraction of a previously submitted Response Action Outcome Statement (Sections D & E are not required)

(All sections of this transmittal form must be filled out unless otherwise noted above)



RESPONSE ACTION OUTCOME (RAO) STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative amounts)

- 1. Assessment and/or Monitoring Only
- 2. Temporary Covers or Caps
- 3. Deployment of Absorbent or Containment Materials
- 4. Temporary Water Supplies
- 5. Structure Venting System
- 6. Temporary Evacuation or Relocation of Residents
- 7. Product or NAPL Recovery
- 8. Fencing and Sign Posting
- 9. Groundwater Treatment Systems
- 10. Soil Vapor Extraction
- 11. Bioremediation
- 12. Air Sparging
- 13. Removal of Contaminated Soils

a. Re-use, Recycling or Treatment i. On Site Estimated volume in cubic yards _____

ii. Off Site Estimated volume in cubic yards _____

ii. Facility Name: _____ Town: _____ State: _____

ii. Facility Name: _____ Town: _____ State: _____

iii. Describe: _____

b. Landfill

i. Cover Estimated volume in cubic yards _____

Facility Name: _____ Town: _____ State: _____

ii. Disposal Estimated volume in cubic yards _____

Facility Name: _____ Town: _____ State: _____

14. Removal of Drums, Tanks or Containers:

a. Describe Quantity and Amount: _____

b. Facility Name: _____ Town: _____ State: _____

c. Facility Name: _____ Town: _____ State: _____



RESPONSE ACTION OUTCOME (RAO) STATEMENT

Release Tracking Number

Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

1 - 494

C. DESCRIPTION OF RESPONSE ACTIONS (cont.): (check all that apply, for volumes list cumulative amounts)

15. Removal of Other Contaminated Media:

a. Specify Type and Volume: _____

b. Facility Name: _____ Town: _____ State: _____

c. Facility Name: _____ Town: _____ State: _____

16. Other Response Actions:

Describe: _____

17. Use of Innovative Technologies:

Describe: _____

D. RESPONSE ACTION OUTCOME CLASS:

Specify the Class of Response Action Outcome that applies to the disposal site, or site of the Threat of Release.
Select **ONLY** one Class.

1. Class A-1 RAO: Specify one of the following:

a. Contamination has been reduced to background levels. b. A Threat of Release has been eliminated.

2. Class A-2 RAO: You **MUST** provide justification that reducing contamination to or approaching background levels is infeasible.

3. Class A-3 RAO: You **MUST** provide an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to or approaching background levels is infeasible.

4. Class A-4 RAO: You **MUST** provide an implemented AUL, justification that reducing contamination to or approaching background levels is infeasible, and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface or below an engineered barrier is infeasible. If the permanent solution relies upon an engineered barrier, you must also provide a Phase III report justifying the selection of the engineered barrier.



RESPONSE ACTION OUTCOME (RAO) STATEMENT

Release Tracking Number

Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

1 - 494

D. RESPONSE ACTION OUTCOME CLASS (cont.):

- 5. Class B-1 RAO: Specify one of the following:
 - a. Contamination is consistent with background levels
 - b. Contamination is NOT consistent with background levels.
- 6. Class B-2 RAO: You MUST provide an implemented AUL.
- 7. Class B-3 RAO: You MUST provide an implemented AUL and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface is infeasible.
- 8. Class C RAO: Specify one:
 - a. Monitoring
 - b. Passive Operation and Maintenance
 - c. Active Operation and Maintenance (defined at 310 CMR 40.0006)

E. RESPONSE ACTION OUTCOME INFORMATION:

1. Specify the Risk Characterization Method(s) used to achieve the RAO described above:
 - a. Method 1
 - b. Method 2
 - c. Method 3
 - d. Method Not Applicable-Contamination reduced to or consistent with background, or Threat of Release abated
2. Specify all Soil and Groundwater Categories. More than one Soil Category and more than one Groundwater Category may apply at a Site. Be sure to check off all **APPLICABLE** categories.
 - a. Soil Category(ies) Applicable:
 - i. S-1/GW-1
 - ii. S-1/GW-2
 - iii. S-1/GW-3
 - iv. S-2/GW-1
 - v. S-2/GW-2
 - vi. S-2/GW-3
 - vii. S-3/GW-1
 - viii. S-3/GW-2
 - ix. S-3/GW-3
 - b. Groundwater Category(ies) Impacted:
 - i. GW-1
 - ii. GW-2
 - iii. GW-3
 - iv. No Groundwater Impacted
3. Specify remediation conducted.
 - a. Check here if soil remediation was conducted.
 - b. Check here if groundwater remediation was conducted.
4. Estimate the number of acres this RAO Statement applies to: 1.5



RESPONSE ACTION OUTCOME (RAO) STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that either an RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul 3. Last Name: Beaulieu

4. Telephone: (413) 875-1302 5. Ext.: 6. FAX: (413) 562-5317

7. Signature: Paul Beaulieu

8. Date: 1/27/05
mm/dd/yyyy

9. LSP Stamp:



G. PERSON MAKING SUBMITTAL:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions

2. Name of Organization: Montague Economic Development & Industrial Corporation

3. Contact First Name: Jay 4. Last Name: Dipucchio

5. Street: 38 Avenue A 6. Title: Chairperson

7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000

10. Telephone: (413) 863-3221 11. Ext.: 12. FAX:



RESPONSE ACTION OUTCOME (RAO) STATEMENT

Release Tracking Number

Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

1 - 494

H. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON MAKING SUBMITTAL:

- 1. RP or PRP
 - a. Owner
 - b. Operator
 - c. Generator
 - d. Transporter
 - e. Other RP or PRP Specify: _____

2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

4. Any Other Person Making Submittal Specify Relationship: _____

I. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of an RAO Statement that relies on the public way/rail right-of-way exemption from the requirements of an AUL.

3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a RAO Statement with instructions on how to obtain a full copy of the report.

4. Check here to certify that documentation is attached specifying the location of the Site, or the location and boundaries of the Disposal Site subject to this RAO Statement. If submitting an RAO Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site.

5. Check here if required to submit one or more AULs. You must submit an AUL Transmittal Form (BWSC113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below: (required for Class A-3, A-4, B-2, B-3 RAO Statements)

a. Notice of Activity and Use Limitation b. Number of Notices submitted: _____

c. Grant of Environmental Restriction d. Number of Grants submitted: _____

6. If an RAO Compliance Fee is required for any of the RTNs listed on this transmittal form, check here to certify that an RAO Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.

7. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to the DEP Regional Office.

8. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



RESPONSE ACTION OUTCOME (RAO) STATEMENT

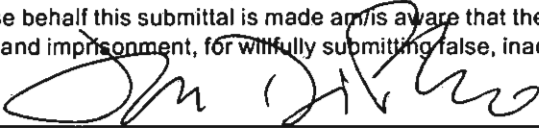
Pursuant to 310 CMR 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

1 - 494

J. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: 
Signature

3. Title: CAIN

4. For: Montague Economic dDevelopment & Industrial Corp.
(Name of person or entity recorded in Section G)

5. Date: 06-27-2005
mm/dd/yyyy

6. Check here if the address of the person providing certification is different from address recorded in Section G.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

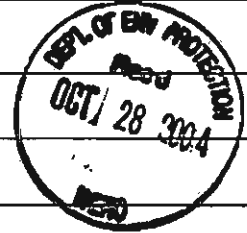
A. SITE LOCATION:

1. Site Name: Great Falls Discovery Center

2. Street Address: Avenue A

3. City/Town: Turners Falls

4. ZIP Code: _____



5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

- a. Tier IA
- b. Tier IB
- c. Tier IC
- d. Tier II

6. If applicable, provide the Permit Number: _____

B. THIS FORM IS BEING USED TO: (check all that apply)

- 1. Submit a Phase I Completion Statement, pursuant to 310 CMR 40.0484.
- 2. Submit a Revised Phase I Completion Statement, pursuant to 310 CMR 40.0484.
- 3. Submit a Phase II Scope of Work, pursuant to 310 CMR 40.0834.
- 4. Submit an Interim Phase II Report. This report does not satisfy the response action deadline requirements in 310 CMR 40.0500.
- 5. Submit a final Phase II Report and Completion Statement, pursuant to 310 CMR 40.0836.
- 6. Submit a Revised Phase II Report and Completion Statement, pursuant to 310 CMR 40.0836.
- 7. Submit a Phase III Remedial Action Plan and Completion Statement, pursuant to 310 CMR 40.0862.
- 8. Submit a Revised Phase III Remedial Action Plan and Completion Statement, pursuant to 310 CMR 40.0862.
- 9. Submit a Phase IV Remedy Implementation Plan, pursuant to 310 CMR 40.0874.
- 10. Submit a Modified Phase IV Remedy Implementation Plan, pursuant to 310 CMR 40.0874.
- 11. Submit an As-Built Construction Report, pursuant to 310 CMR 40.0875.

(All sections of this transmittal form must be filled out unless otherwise noted above)



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

B. THIS FORM IS BEING USED TO (cont.): (check all that apply)

12. Submit a **Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.
Specify the outcome of Phase IV activities: (check one)
- a. Phase V Operation, Maintenance or Monitoring of the Comprehensive Remedial Action is necessary to achieve a Response Action Outcome.
- b. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- c. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- d. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
13. Submit a **Revised Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.
14. Submit a **periodic Phase V Inspection & Monitoring Report**, pursuant to 310 CMR 40.0892.
15. Submit a **Remedy Operation Status**, pursuant to 310 CMR 40.0893.
16. Submit a **periodic Inspection & Monitoring Report to maintain a Remedy Operation Status**, pursuant to 310 CMR 40.0893(2).
17. Submit a **Termination of a Remedy Operation Status**, pursuant to 310 CMR 40.0893(5).
18. Submit a **final Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.
Specify the outcome of Phase V activities: (check one)
- a. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement (BWSC104) will be submitted to DEP.
- b. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- c. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and/or that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
19. Submit a **Revised Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.
20. Submit a **Post-Response Action Outcome Inspection & Monitoring Report**, pursuant to 310 CMR 40.0897.

(All sections of this transmittal form must be filled out unless otherwise noted above)



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that a **Phase I, Phase II, Phase III, Phase IV or Phase V Completion Statement** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that a **Phase II Scope of Work or a Phase IV Remedy Implementation Plan** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;


> if Section B indicates that an **As-Built Construction Report, Phase V Inspection and Monitoring Report, or a Remedy Operation Status** is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul 3. Last Name: Beaulieu

4. Telephone: (413) 875-1302 5. Ext.: _____ 6. FAX: _____

7. Signature: 

8. Date: 10/26/04
(mm/dd/yyyy)

9. LSP Stamp:





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

D. PERSON UNDERTAKING RESPONSE ACTIONS:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Montague Economic Development & Industrial Corporation
3. Contact First Name: Jay 4. Last Name: DiPucchio
5. Street: 38 Avenue A 6. Title: Chairman
7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000
10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

E. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Undertaking Response Actions Specify Relationship: _____

F. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.
3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase III Remedial Action Plan.
4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase IV Remedy Implementation Plan.
5. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of any field work involving the implementation of a Phase IV Remedial Action.
6. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Name. Send corrections to the DEP Regional Office.
7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

G. CERTIFICATION OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. I, Jay DiRucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form; (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: [Signature]
Signature

3. Title: Chairman

4. For: Montague Economic Development & Industrial Cooper
(Name of person or entity recorded in Section D)

5. Date: 10/27/2004
(mm/dd/yyyy)

6. Check here if the address of the person providing certification is different from address recorded in Section D.

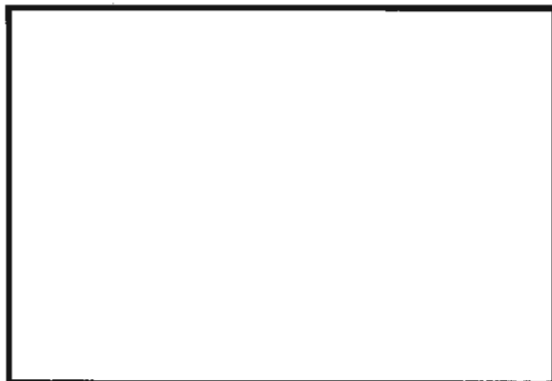
7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)





COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WESTERN REGIONAL OFFICE
436 Dwight Street • Springfield, Massachusetts 01103 • (413) 784-1100

MITT ROMNEY
Governor

KERRY HEALEY
Lieutenant Governor

ELLEN ROY HERZFELDER
Secretary

ROBERT W. GOLLEDGE, Jr.
Commissioner

October 5, 2004

URGENT LEGAL MATTER

Montague Economic Development
and Industrial Corporation
38 Avenue A
Turners Falls, MA 01376

Re: Montague
RTN 1-0494
Heritage State Park
Avenue A & Second Street

Attn: Mr. David Ziomek
Project Manager

**TIER II EXTENSION APPROVAL
ESTABLISHMENT OF INTERIM DEADLINES**

Dear Mr. Ziomek:

In September 1988, the Department listed the site as a Location To Be Investigated. A Waiver of Approvals and a Notice of Responsibility was issued to Montague Economic Development and Industrial Corporation (MEDIC) on April 20, 1993. Release Abatement Measures were performed to address polycyclic aromatic hydrocarbons (PAHs) in soil at the site. A Class A-3 Response Action Outcome was submitted to the Department on June 30, 2000, and was determined to be invalid by the Department in a Notice of Noncompliance/Notice of Audit Findings dated December 24, 2003.

On September 24, 2004, a Tier II Extension Request was submitted on behalf of MEDIC by Paul Beaulieu, LSP, of Tighe & Bond. The Tier II Extension is approved and will expire on April 20, 2005.

For this case, the Department, pursuant to 310 CMR 40.0167, is establishing the following deadlines as Interim Deadlines:

October 29, 2004 – for the submittal of the Phase II Scope of Work.

January 31, 2005 – for the submittal of the Phase II Comprehensive Site Assessment and the Phase III Remedial Action Plan.

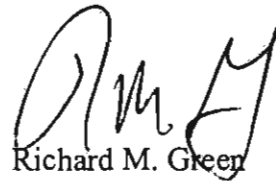
A Response Action Outcome Statement, if appropriate, may be submitted in place of the above submittals.

If these Deadlines are not met the Department may initiate enforcement actions for failure to comply with Interim and Regulatory Deadlines.

Clearly of overriding importance in this matter is continued progress in the clean up at this site. The Department recognizes that sometimes delays in response actions can be unavoidable. The Department appreciates and thanks you for your continued efforts in the clean up at this site.

If you have any questions, please contact Michael Scherer at 413 755-2278 or Kathleen Fournier at 413 755-2267.

Sincerely;



Richard M. Green
Section Chief
Site Management/Permits
Bureau of Waste Site Cleanup

1-0494.T2.KF

cc: Site files, BWSC, WERO

ecopy: Montague Board of Selectmen
Montague Board of Health
Paul Beaulieu, LSP
Office of Enforcement Policy and Assistance, Boston



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC111

**AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: Heritage State Park/Great Falls Discovery Center

2. Street Address: Avenue A and Second Street

3. City/Town: Montague

4. ZIP Code: 01376-0000

5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

- a. Tier 1A
- b. Tier 1B
- c. Tier 1C
- d. Tier 2

6. If a Tier I Permit has been issued, provide Permit Number: _____

B. THIS FORM IS BEING USED TO: (check one)

- 1. Submit an **Audit Follow-Up Plan** (Section C is not required).
- 2. Submit a **Modified or Revised Audit Follow-Up Plan** (Section C is not required).
- 3. Submit a **Post-Audit Completion Statement**.

4. Provide Additional RTNs:

a. Check here if this Audit Submittal covers additional Release Tracking Numbers (RTNs).

b. Provide the additional Release Tracking Number(s) - -

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. POST-AUDIT RESPONSE ACTIONS SUMMARY:

1. Notice of Audit Finding Date Issued: 12/24/2003
mm/dd/yyyy

2. Documentation (check all that apply):

- a. Provided Technical Justification, or Supporting or Clarifying Information Relating to Previous Response Actions
- b. Performed Additional Risk Assessment
- c. Modified Disposal Site Boundary

3. Field Work (check all that apply):

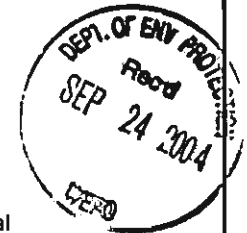
a. Sampled Previously Assessed Media (check all that apply):

- Soil
- GW
- SW
- Sediment
- Air
- Waste Material

b. Sampled New Media Not Previously Assessed (check all that apply):

- Soil
- GW
- SW
- Sediment
- Air
- Waste Material

c. Performed Remediation Describe: _____





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC111

AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

C. POST-AUDIT RESPONSE ACTIONS SUMMARY: (cont.)

4. Outcome (Check all that apply and submit appropriate transmittal form(s)):

- a. Implemented or Amended Activity and Use Limitation
- b. Modified Risk Assessment Method
- c. Revised Response Action Outcome (RAO) Class
- d. Revised Tier Classification
- e. Revised or Modified Phase Work
- f. Retracted RAO Statement
- g. Other: Terminated AUL, evaluated data, prepared schedule for Phase II and RAO

D. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an **Audit Follow-up Plan**, or a **Modified or Revised Audit Follow-up Plan** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Post-Audit Completion Statement** is being submitted, the Post-Audit response action(s) that is (are) the subject of this submittal as required to correct either violations and/or deficiencies identified by DEP in a Notice of Audit Finding pursuant to 310 CMR 40.1140 (i) has (have) been developed, implemented and completed in accordance with the applicable provisions of M.G.L. c.21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c.21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, approvals, or Audit Follow-up Plans pursuant to 310 CMR 40.1160 as identified in this submittal. Development, implementation and completion of the Post-Audit response action(s) have corrected the violations and/or deficiencies identified by DEP in the Notice of Audit Finding. This Statement does not (1) apply to actions or other aspects of the site that were not reviewed in the audit, (2) preclude future audits of past, current, or future actions at the site, (3) in any way constitute a release from any liability, obligation, action or penalty under M.G.L. c.21E, 310 CMR 40.0000, or any other law, regulation, or requirement, or (4) limit the Department's authority to take or arrange, or to require any Responsible Party or Potentially Responsible Party to perform, any response action authorized by M.G.L. c.21E, which the Department deems necessary to protect health, safety, public welfare or the environment.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC111

AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

D. LSP SIGNATURE AND STAMP: (cont.)

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

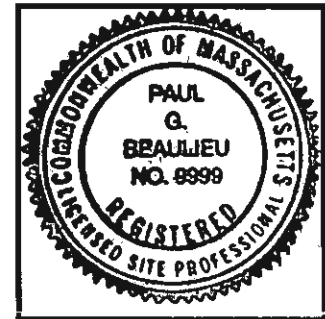
2. First Name: Paul G. 3. Last Name: Beaulieu

4. Telephone: (413) 875-1302 5. Ext.: _____ 6. FAX: (413) 568-9764

7. Signature: *Paul G. Beaulieu*

8. Date: 09/16/04
mm/dd/yyyy

9. LSP Stamp:



E. PERSON RESPONDING TO AUDIT:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions

2. Name of Organization: Montague Economic Development & Industrial Corporation

3. Contact First Name: Jay 4. Last Name: Dipucchio

5. Street: 38 Avenue A 6. Title: Chairperson

7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000

10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

F. RELATIONSHIP TO SITE OF PERSON RESPONDING TO AUDIT:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter

e. Other RP or PRP Specify: _____

2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

4. Any Other Person Responding to Audit Specify Relationship: _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC111

AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

G. REQUIRED ATTACHMENT AND SUBMITTALS:

- 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
- 2. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

H. CERTIFICATION OF PERSON RESPONDING TO AUDIT:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: 3. Title: Chairperson
Signature

4. For: Montague Economic Development & Industrial Corp. 5. Date: 08/28/2004
(Name of person or entity recorded in Section E) mm/dd/yyyy

6. Check here if the address of the person providing certification is different from address recorded in Section E.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Handwritten initials

BWSC113

ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: Great Falls Discovery Center

2. Street Address: Avenue A & Second Street

3. City/Town: Turners Falls

4. ZIP Code: 01376-0000

5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

- a. Tier 1A
- b. Tier 1B
- c. Tier 1C
- d. Tier 2

6. If a Tier I Permit has been issued, provide Permit Number: _____

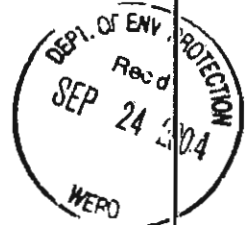
B. THIS FORM IS BEING USED TO: (check one)

- 1. Submit a certified copy of a **Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1074.
- 2. Submit an **Evaluation of Changes in Land Uses/Activities and/or Site Conditions after a Response Action Outcome Statement** has been filed pursuant to 310 CMR 40.1080.
- 3. Submit a certified copy of an **Amended Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1081
- 4. Submit a certified copy of a **Partial Termination of a Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1083(3).
- 5. Submit a certified copy of a **Termination of a Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1083(1)(d).
- 6. Submit a certified copy of a **Grant of Environmental Restriction**, pursuant to 310 CMR 40.1071.
- 7. Submit a certified copy of an **Amendment of a Grant of Environmental Restriction**, pursuant to 310 CMR 40.1081(3).
- 8. Submit a certified copy of a **Partial Release of a Grant of Environmental Restriction**, pursuant to 310 CMR 40.1083(2).
- 9. Submit a certified copy of a **Release of a Grant of Environmental Restriction**, pursuant to 310 CMR 40.1083(1)(c).
- 10. Submit a certified copy of a **Confirmatory Activity and Use Limitation**, pursuant to 310 CMR 40.1085(4).

11. Provide Additional RTNs:

a. Check here if this AUL Submittal covers additional Release Tracking Numbers (RTNs).

b. Provide the additional Release Tracking Number(s) covered by this AUL Submittal. - -



(All sections of this transmittal form must be filled out unless otherwise noted above.
BWSC113A is required for all submittals listed above)



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

C. AUL INFORMATION:

1. Document (per Section B) Recording and/or Registration Information:

a. Name of Registry of Deeds and/or Land Registration Office: Franklin County Registry of Deeds

b. Book and Page Number and/or Document Number: _____

c. Date of recording and/or registration: _____
mm/dd/yyyy

2. Is the address of the property subject to AUL different from the disposal site address listed above?

a. No b. Yes If yes, then fill out address section below.

3. Street Address: _____

4. City/Town: _____ 5. ZIP Code: _____

D. PERSON SUBMITTING AUL TRANSMITTAL FORM:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions

2. Name of Organization: Montague Economic Development Corporation

3. Contact First Name: Jay 4. Last Name: Dipucchio

5. Street: 38 Avenue A 6. Title: Chair

7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000

10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: (413) 863-3070

13. Is the person described in this section the owner of the property?

a. Yes b. No, if checked then Section G must be filled out by at least one owner.

c. Check here if providing names and addresses of any additional owners in an attachment.

E. RELATIONSHIP TO DISPOSAL SITE OF PERSON SUBMITTING AUL TRANSMITTAL FORM: (check one)

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter

e. Other RP or PRP Specify: _____

2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

4. Any Other Person Submitting AUL Specify: _____



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

F. REQUIRED ATTACHMENT AND SUBMITTALS:

- 1. Check here to certify that notice of the proposed Activity and Use Limitation (AUL) was given to all record-interest holders, if any, in accordance with 310 CMR 40.1074(1)(e), via certified mail.
 - a. Check here if there were no record interest holders.
 - b. Date of certified mailing: _____
mm/dd/yyyy
 - c. Check here to certify that names and addresses of all record holders notified is attached.
- 2. Check here to certify that within 30 days of recording and/or registering the AUL, including amending, releasing or terminating the AUL, a copy of the AUL was/will be provided to the Chief Municipal Officer, the Board of Health, the Zoning Official, and the Building Code Enforcement Official in the community(ies) where the the property subject to such Activity and Use Limitation is located.
- 3. Check here to certify that within 30 days of recording and/or registering the AUL, including amending, releasing or terminating the AUL, a Legal Notice was/will be published in a newspaper with circulation in the community(ies) where the property subject to the AUL is located.
- 4. Check here to certify that within 7 days of publishing a Legal Notice in a newspaper with circulation in the community(ies) where the property subject to the AUL is located, a copy of the notice was/will be submitted to DEP.
- 5. Check here to certify that within 30 days of recording and/or registering the AUL, including amending, releasing or terminating the AUL, a certified copy of the AUL, including the LSP Opinion containing the material facts, data, and other information, will be submitted to DEP.
- 6. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to the DEP Regional Office.
- 7. If an **Evaluation of Changes in Land Uses/Activities and/or Site Conditions after a Response Action Outcome Statement** is being submitted, check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

G. CERTIFICATION OF OWNER OF PROPERTY, IF NOT PERSON SUBMITTING AUL TRANSMITTAL FORM:

1. I, _____, attest under the pains and penalties of perjury that I am the owner of said property(ies), subject to the AUL

2. _____ 3. Date: _____
Signature mm/dd/yyyy

4. Name of Organization: _____

5. Contact First Name: _____ 6. Last Name: _____

7. Street: _____ 8. Title: _____

9. City/Town: _____ 10. State: _____ 11. ZIP Code: _____

12. Telephone: _____ 13. Ext.: _____ 14. FAX: _____



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

H. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Pursuant to 310 CMR 40.1074 (1)(f), I also hereby certify under penalties of perjury, that either I (if person submitting the AUL Transmittal Form is the property owner), or

MONTAGUE ECONOMIC DEVELOPMENT & INDUSTRIAL CORP.

2. Name of Property Owner

am/is identified on the Notice of AUL as the owner of the property subject to the AUL, owned such property on the date that the AUL was recorded and /or registered

3. By:

Signature

4. Title:

Chair

5. For:

Montague Economic Development & Industrial Corp.

(Name of person or entity recorded in Section D)

6. Date:

08/28/2004

mm/dd/yyyy

7. Check here if the address of the person providing certification is different from address recorded in Section D.

8. Street: _____

9. City/Town: _____

10. State: _____

11. ZIP Code: _____

12. Telephone: _____

13. Ext.: _____

14. FAX: _____

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

M-0375-1-66 (1160)
September 22, 2004

Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, MA 01103



Attn: Abby Kingman

Re: RTN 1-00494
Notice of Audit Findings

Dear Ms. Kingman:

Please find enclosed one copy of a report recently completed by Tighe & Bond on behalf of the Montague Economic Development and Industrial Corporation (MEDIC) to address the issues raised by the Department in its December 24, 2003 Notice of Audit Findings (NOAF). As you will see in the report, all actions required to be taken in the NOAF have now been completed, including a Tier II Extension Request (submitted earlier to DEP) termination of the AUL, a schedule for submitting a Phase II Report and a schedule for achieving an RAO at the site.

Thank you for your patience in this matter. Please call me at (413) 875-1302 if you have any questions regarding this submittal.

Very truly yours,

TIGHE & BOND, INC.

Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\M\M375\ltr\DEPAK1pgb.doc

CC: David Ziomek - MEDIC



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

FILE COPY
SCANNED

436 Dwight Street • Springfield, Massachusetts 01103 • (413) 784-1100

MITT ROMNEY
Governor

KERRY HEALEY
Lieutenant Governor

ELLEN ROY HERZFELDER
Secretary

ROBERT W. GOLLEDGE, Jr.
Commissioner

December 24, 2003

Montague Economic Development & Industrial Corporation
38 Avenue A
Turners Falls, MA 01376

Attn: Mr. David Ziomek
Project Manager

Re: Montague, RTN 1-00494
Heritage State Park
Avenue A & Second Street
RAM, RAO, AUL
NON-WE-03-3A107

**NOTICE OF AUDIT FINDINGS
NOTICE OF NONCOMPLIANCE
INVALID RAO**

Dear Mr. Ziomek:


On August 1, 2003, the Montague Economic Development & Industrial Corporation was notified that the Massachusetts Department of Environmental Protection's Bureau of Waste Site Cleanup (the Department) had begun to audit response actions conducted to address the release of oil and hazardous material at the location identified above. In particular, the audit focused on the Release Abatement Measure conducted at this site and subsequent Response Action Outcome (RAO) and Notice of Activity and Use Limitation. This notice informs you of the results of the Department's audit.

DETERMINATION

As a result of the audit, the Department has determined that response actions were not performed in compliance with the requirements of the Massachusetts Contingency Plan (MCP). Violations were

This information is available in alternate format. Call Debra Doherty, ADA Coordinator at 617-292-5565. TDD Service - 1-800-298-2207.

DEP on the World Wide Web: <http://www.mass.gov/dep>

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identified that require additional actions to be taken under the supervision of a Licensed Site Professional (LSP) in order to come into compliance with the MCP.

The activities that are in noncompliance and the actions the Department wants you to take to come into compliance are described in the Notice of Noncompliance (Attachment A). The Notice of Noncompliance describes: (1) each activity identified during the audit which is in noncompliance, (2) the requirements violated, (3) the action the Department now wants you to take, and (4) the deadline for taking this action. An administrative penalty may be assessed for every day from now on that you are in noncompliance. The Audit Memorandum (Attachment B) describes the activities Department personnel performed during the audit, summarizes relevant site information, and lists violations that you have already corrected or do not need further correction.

You do not need further Department approval to take the actions the Department has specified. However, to avoid further enforcement actions, you must complete the additional actions and submit a Post-Audit Completion Statement in accordance with 310 CMR 40.1170. The Post-Audit Completion Statement shall be submitted on a form established by the Department to the attention of Edward Weagle, by no later than the deadline established in the Notice of Noncompliance. A copy of the Post-Audit Completion Statement transmittal form (BWSC-111) may be obtained from the Department's web site at the following address:
<http://www.state.ma.us/DEP/bwsc/files/forms/pdfforms/bwsc-111.pdf>.

Based on the information reviewed during the audit, the Department has determined that the documentation provided does not support a Class A RAO. Pursuant to its authority under 310 CMR 40.0100(1)(e), the Department hereby determines the RAO submittal and LSP Opinion received on June 30, 2000 to be in noncompliance with M.G.L. c.21E and the MCP; therefore, the RAO submittal is not valid. Further assessment and/or remediation in compliance with the MCP, must be conducted at the Site until a level of No Significant Risk can be achieved or a valid RAO can be filed. Additional details are provided in the Notice of Noncompliance in Attachment A.

LICENSED SITE PROFESSIONAL (LSP)

A copy of this notice has been sent to Mr. Thomas Duffield, the LSP-of-Record for the disposal site. However, you, not your LSP, are responsible for correction of any identified violations.

LIMITATIONS

The Department's findings were based upon the certainty of the information reviewed during the audit. These findings do not: (1) apply to actions or other aspects of the site that were not reviewed in the audit, (2) preclude future audits of past, current, or future actions at the site, (3) in any way constitute a release from any liability, obligation, action or penalty under M.G.L. c. 21E, 310 CMR 40.0000, or any other law, regulation, or requirement, or (4) limit the Department's authority to take or arrange, or to require any Responsible Party or Potentially Responsible Party to perform, any response action authorized by M.G.L. c. 21E which the Department deems necessary to protect health, safety, public welfare, or the environment.

If you have any questions regarding this notice or any requirements contained in it, please contact Edward Weagle at (413) 755-2221. Please reference Release Tracking Number 1-00494 and Enforcement Tracking Number NON-WE-03-3A107 in any future correspondence to the Department regarding the site.

Sincerely,

Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup

Certified Mail # 7003 0500 0005 5443 8961
Return Receipt Requested

Attachments:

- A. Notice of Noncompliance
- B. Audit Memorandum
- C. AUL termination related forms and instructions

cc: Montague Board of Selectmen/Chief Municipal Officer
 Montague Board of Health/Health Department
 Mr. Thomas Duffield, LSP-of-Record, T. F. Moran, Inc. 149 Emerald Street,
 Keene, NH 03431
 Clough, Harbour & Associates LLP, 11 King Court, Keene, NH 03431
 Steve Ellis, DEP-WERO
 WERO Audit File
 Data Entry: RAO/ACTAUD; AUDCOM/NAFNON; RAO/INVSUB

ecc:
Thomas Potter, Audit C

7003 0500 0005 5443 8961

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To	
Montague Economic Dev.	
Street, Apt. No., or PO Box No. 3B Avenue A	
City, State, ZIP+4 Tunnew Falls MA 01370	

PS Form 3800, June 2002 See Reverse for Instructions

**Attachment A – NOTICE OF NONCOMPLIANCE
NON-WE-03-3A107**

ENTITY IN NONCOMPLIANCE

Montague Economic Development & Industrial Corporation, Town Hall, Montague,
Massachusetts 01376

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

Avenue A & Second Street, Montague

DATES WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED

June 23, 2000 – Date of submittal of Notice of Activity and Use Limitation (AUL) .

June 30, 2000 – Date of submittal of Response Action Outcome (RAO) Statement

REQUIREMENTS NOT COMPLIED WITH

1. **Violation of 310 CMR 40.1004 (Class II)** – A Response Action Outcome must be supported by assessments and evaluations that are of sufficient scope, detail and level of effort to characterize the risk of harm to health and are commensurate with the nature and extent of the release and the complexity of site conditions.

The information provided in the report was not sufficient to support the conclusion that a condition of No Significant Risk (NSR) has been achieved at the disposal site. The determination that a condition of NSR was achieved is not supported by documentation that the allowable risk levels established in the MCP have been met, since there is not documentation of the extent of contamination, background levels of contamination, or exposure point concentrations. It cannot be determined whether the data provided in the submittals represent contamination levels prior to soil excavation or at the time of the RAO.

2. **Violation of 310 CMR 40.0904(2)(a) (Class II)** – The documentation of a risk characterization must contain a description of the horizontal and vertical extent of contamination in all evaluated media.

The extent of contamination in the area of CHA-1 and CHA-4 has not been defined. The locations of samples AS-1, AS-2, 8x and 9x, which had levels of contaminants that exceeded applicable Method 1 Standards, were not indicated.

3. **Violation of 310 CMR 40.0926(1) (Class II)** – For oil and/or hazardous material in each medium at each Exposure Point, an Exposure Point Concentration must be identified and documented.

4. **Violation of 310 CMR 40.0926(5) (Class II)** – Any mathematical equations or models used to identify exposure point concentrations must be clearly documented.

Exposure Point Concentrations for contamination in soil were not identified.

5. **Violation of 310 CMR 40.0973(6) (Class II)** – Under a Method I Risk Characterization, the identified Exposure Point Concentrations must be compared to all applicable MCP Method I Standards.

The risk characterization did not include a comparison of Exposure Point Concentrations to Method I Standards.

6. **Violation of 310 CMR 40.0922(3) (Class II)** – Any Species of Concern, Threatened Species, or Endangered Species which is known or likely to be located at the disposal site or in the surrounding area must be specifically identified as an environmental receptor.

The risk characterization does not identify the fact that portions of the site are located within an area designated by the National Heritage Endangered Species Program as Rare Habitat.

7. **Violation of 310 CMR 40.1003(4) (Class II)** – The boundaries of a disposal site or portion of a disposal site to which an RAO applies must be clearly and accurately delineated and provided in documentation submitted with the RAO Statement.

The boundaries of the disposal site to which the RAO applies were not identified.

8. **Violation of 310 CMR 40.0167 (Class II)** – The Department may establish and enforce reasonable Interim Deadlines consistent with M.G.L. c. 21E and 310 CMR 40.0000 for the performance of response actions and the furnishing of information and provision of access to documents and other information to DEP.

The Department established an Interim Deadline for responding to the Request for Information. A response was not received.

9. **Violation of 310 CMR 40.1074(2)(e) and 40.1074 (2)(g) (Class II)** – The Notice of AUL must describe permitted activities and uses, and those activities and uses that are inconsistent with the Response Action Outcome.

It is not clear what categories of use may occur at the site (i.e., commercial, residential school, day care, etc.) The paragraph describing consistent activities and uses states “The AUL area is used for parking and access point to the Great Falls Discovery Center”, but does not list other consistent activities or uses. The Notice of AUL prohibits “Excavation and construction activities that disrupt the existing paved parking area and concrete sidewalks.” This allows excavation in unpaved portions of the restricted area where geotextile fabric has been placed. To maintain a condition of No Significant Risk, excavation in these geotextile areas must also be prohibited.

10. **Violation of 310 CMR 40.1074 (2)(f) (Class II)** – The Notice of AUL must describe any applicable obligations and/or conditions for conducting the permitted activities to maintain a condition of No Significant Risk.

The Notice of AUL requires maintenance of the pavement and concrete sidewalks, without identifying the boundaries of the paved areas and concrete sidewalks. To ensure proper maintenance of the pavement and sidewalks, the obligation paragraph must refer to the sketch or survey plan. The plan must clearly identify the boundaries of the pavement and concrete sidewalks within the AUL area, since the AUL area is not entirely under pavement and/or concrete.

11. **Violation of 310 CMR 40.1074(2)(a)2 (Class II)** – The Notice of AUL must include the metes and bounds description of the property containing the area subject to the Notice of AUL.

The Notice of AUL does not include a metes and bounds description of the property.

12. **Violation of 310 CMR 40.1074 (2)(a)5 (Class II)** – The Notice of AUL must include a sketch plan showing the location of the AUL area in relation to the boundaries of the disposal site.

The Notice of AUL does not include a sketch plan.

13. **Violation of 310 CMR 40.1074(1)(b) (Class II)** – A narrative LSP Opinion must be recorded as an exhibit to the Notice of AUL. The narrative LSP Opinion must identify why the Notice of AUL is appropriate to achieve and maintain a condition of No Significant Risk. The Opinion must list activities and uses to be prohibited, activities and uses to be permitted, and any obligations and conditions necessary to maintain a condition of No Significant Risk.

The Notice of AUL, as recorded, does not include a LSP Opinion. The LSP Opinion and the LSP Opinion Form (BWSC-114) must be attached as Exhibits to the AUL.

14. **Violation of 310 CMR 40.1074(2)(c) (Class II)** – If the person signing the Notice of AUL is signing on behalf of an entity, documentation of the person's signatory authority must be attached as an exhibit to the Notice of AUL. For a corporation, the documentation must include a Clerk's Certificate of Incumbency, identifying the office held by the person signing. And, unless the person signing holds the office of both president or vice president and treasurer or assistant treasurer, a Clerk's Certificate from the clerk or secretary documenting a vote, resolution or by-law authorizing the person to sign is also required.

The appropriate documentation establishing the authority of the person signing on behalf of the corporation is not attached as an exhibit to the Notice of AUL.

15. **Violation of 310 CMR 40.1074(2)(a)3 (Class II)** – The Notice of AUL must include a reference to a survey plan of the property that has been recorded as a plan with the appropriate Registry of Deeds.

The Notice of AUL does not include a reference to the plan book and plan number of the survey plan of the property.

16. **Violation of 310 CMR 40.1074(2)(a)4.b (Class II)** – If the AUL area comprises a portion of the property, the Notice of AUL must include a reference to a survey plan of the restricted portion of the property that has been recorded as a plan with the appropriate Registry of Deeds.

The Notice of AUL does not include a reference to the survey plan of the restricted portion of the property. While the survey plan was submitted to DEP, it was not recorded as a plan at the Registry of Deeds.

17. **Violation of 310 CMR 40.1074(1)(f)1 (Class II)** – The person signing the Notice of AUL must submit a statement certifying that the person or entity identified as the property owner owned the property at the time the Notice of AUL was recorded.

The Department has not received a statement by Sara Campbell certifying that the person or entity identified as the property owner owned the property at the time the Notice of AUL was recorded.

18. **Violation of 310 CMR 40.1074(1)(f)2 (Class II)** – The person signing the Notice of AUL must submit a statement certifying that all current record interest holders were notified of the terms of the proposed AUL and the location of the oil and/or hazardous material within the AUL area.

The Department has not received a statement by Sara Campbell certifying that all current record interest holders were notified of the terms of the proposed AUL and the location of the oil and/or hazardous material within the AUL area.

19. **Violation of 310 CMR 40.1403(7)(b) (Class III)** – Within 30 days of recording the Notice of AUL, a legal notice must be published in a local newspaper, indicating the recording of the Notice of AUL. The Department must receive a copy of this legal notice within seven days of publication.

The Department has not received a copy of the required legal notice.

20. **Violation of 310 CMR 40.1403(7)(a) (Class III)** – Within 30 days of recording the Notice of AUL, the local Chief Municipal Officer, Board of Health, Zoning Office and Building Code Enforcement Official must receive a copy of the Notice of AUL.

The Department does not have any evidence that the town officials received a copy of the Notice of AUL.

21. **Violation of 310 CMR 40.1074(4)(b) (Class III)** – Within 30 days of recording the Notice of AUL, a Registry copy of the survey plans referenced in the Notice of AUL, bearing the plan book and plan numbers, must be submitted to the Department.

The survey plan of the restricted portion of the property submitted to the Department was not a Registry copy, bearing the plan book and plan number. The Department did not receive a Registry copy of the survey plan of the property.

22. **Violation of 310 CMR 40.1074(4)(c) (Class III)** – If the subject property is unregistered land, a Registry copy of the property owner’s deed, bearing the marginal reference to the Notice of AUL, must be submitted to the Department within 30 days of recording the Notice of AUL.

The Department has not received a Registry copy of the property owner’s deed, bearing the marginal reference to the Notice of AUL.

23. **Violation of 310 CMR 40.1074(2)(b) (Class II)** – The Notice of AUL must include the name of the property owner.

The Notice of AUL inconsistently identifies the property owner in the first and second paragraphs of Form 1075. It is unclear if the property is owned by Sara E. Campbell or the Montague Economic Development & Industrial Corporation.

24. **Violation of 310 CMR 40.1074(1)(a) (Class III)** – Form 1075, as set forth in 310 CMR 40.1099, must be used to implement the Notice of AUL. The standard language of Form 1075 must not be altered or deleted, and bracketed language must be selected appropriately.

The word “Confirmatory” should have been eliminated from the heading and the LSP signature block. At the end of the third “whereas” clause, the book and page of the survey plan of the restricted portion of the property should have been inserted in the first bracket, while the language “and/or on a sketch plan attached hereto and filed herewith for registration” should have been deleted. The reference to the sketch plan attached for registration should only be used for registered land. In the fifth “whereas” clause, the phrase “Disposal Site” or “Portion of the Disposal Site” should have been selected, and the other deleted. In Paragraph 5, the phrase “Portion of the Property” should have been selected, and the “Property” bracket should have been deleted.

ACTIONS TO BE TAKEN AND DEADLINE

Within **60 days** of the date of this notice, you must submit a Post-Audit Completion Statement accompanied by:

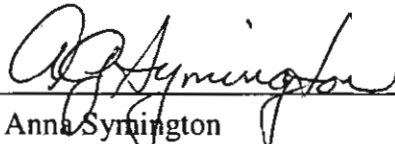
- a Tier II Extension submittal, pursuant to 310 CMR 40.0560(7);
- a certified Registry copy of a Termination of Notice of AUL, prepared in accordance with the attached form and instructions;
- a schedule for submitting a Phase II Report containing a revised risk characterization and, if applicable, a Phase III report; and
- a schedule for achieving an RAO at the site.

If you fail to correct the violations identified and provide documentation of such action to the Department, you may be subject to enforcement action by the Department. The Department may

conduct a follow-up audit to determine whether the required actions have been taken. If the Department finds that the violations have not been corrected, then the Department may issue a Notice of Intent to Assess a Civil Administrative Penalty (PAN), administrative enforcement order, Notice of Responsibility (NOR), Notice of Intent to take Response Action (NORA), Administrative Consent Order, Unilateral Order, or seek a Judicial Judgment as appropriate. You may also be subject to cost recovery under 310 CMR 40.1200 for failure to perform response actions at the disposal site.

Department of Environmental Protection

Date: December 24, 2003

By: 

Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup

Attachment B - AUDIT MEMORANDUM

I. AUDIT ACTIVITIES

The audit consisted of the following activities:

- An examination of documents within the Department's records or in other public records.
- A Notice of Audit and Request for Information August 1, 2003.
- A site inspection on August 25, 2003.

II. SITE SUMMARY

The site is currently the location of Heritage State Park. Located on the site are a visitor's center (Great Falls Discovery Center), a parking lot, and landscaped areas. The site has a 100-year history of industrial activity including use as a blacksmith shop, coal storage, machine shop, scrap metal yard, and gasoline station and auto repair facility. The site abuts a steep bank that slopes down to a power canal and the Connecticut River below. Geology of the site consists of granular and coal ash fill overlying fine to medium sand overlying bedrock. Bedrock is shallow and exposed in places. Depth to groundwater and groundwater flow direction have not been determined, however, two monitoring wells installed to 14 feet below grade did not contain groundwater during the late spring of 1999.

The site was first listed by the Department as a Location to be Investigated on October 15, 1988. A Waiver of Approvals was granted to the Montague Economic Development and Industrial Corporation (MEDIC) on April 20, 1993. MEDIC was also issued a Notice of Responsibility at that time. MEDIC was issued a Notice of Noncompliance (NON) dated January 27, 1999 for failure to submit a Waiver Completion Statement or Tier II Extension Submittal after the Waiver of Approvals expired. MEDIC provided a Tier II Extension Submittal in response to the NON. A Release Abatement Measure (RAM) Completion Statement and Class A-3 RAO Statement supported by a Method 1 Risk Characterization were received on June 30, 2000.

Between 1988 and 1992, several rounds of subsurface investigations were performed. Samples collected during these investigations and screened for headspace volatile organic compounds (VOCs) generally revealed low (<10 ppmv) or non-detectable levels of headspace VOCs. VOCs were not detected in the 28 soil samples analyzed via EPA Method 8240. A total of 54 soil samples were analyzed for polycyclic aromatic hydrocarbons (PAHs). Total PAH concentrations ranged up to 1,500 mg/kg, with all 17 common PAH species identified.

In April 1992, 1,290 tons of contaminated soil were excavated and removed from the site under a Short Term Measure approved by the Department. During the excavation activities, soil from some portions of the site were excavated and re-graded on other portions of the site to establish final grade. Clean fill was also brought to the site. The locations of the re-distribution of site soil and the clean off-site fill were not clearly identified. Six composite post-excavation soil samples were collected for PAH analysis. Two samples (8X and 9X) contained several PAHs at concentrations exceeding Method 1 Standards applicable at the time of the RAO. However, the locations of these samples were not indicated in the RAO report.

WITNESS the execution hereof under seal this ____ day of _____,
19____.

[Name of Owner]

[COMMONWEALTH OF MASSACHUSETTS]
[STATE OF _____]

_____, ss

_____, 19 __

Then personally appeared the above named _____ and
acknowledged the foregoing to be [his] [her] free act and deed before me,

Notary Public:
My Commission Expires:

Upon recording, return to:

(Name and Address of Owner)

III. RESPONSE ACTIONS AUDITED

A. Release Abatement Measure

A Release Abatement Measure plan proposing the excavation of additional contaminated soil necessary to bring the site to final proposed grades was received in July 1997; however, the RAM was not implemented. A RAM Plan modification was received on October 28, 1998, which proposed to re-use some site soils during construction of sidewalks and paved parking areas at the site.

Two samples with concentrations of PAHs exceeding applicable Method 1, S-1 Standards were collected in November 1998. The locations of these samples, designated AS-1 and AS-2, were not identified. Seventeen additional soil samples were collected from soil borings advanced at the site on May 26, 1999, and analyzed for various compounds including PAHs, total petroleum hydrocarbons (TPH), extractable petroleum hydrocarbons (EPH), and metals. Concentrations of various contaminants exceeded applicable Method 1, S-1 Standards in samples collected from borings CHA-1, CHA-2, CHA-4, CHA-7, and CHA-8.

The RAM Completion Statement received on June 30, 2000 stated that an estimated 155 cubic yards of soil were removed from the vicinity of CHA-1 and 10 cubic yards were removed from the area of CHA-7 and transported to a disposal facility. However, the excavation date and the boundaries of the areas where soil was removed are not identified. The report does not state whether the areas where samples AS-1 and AS-2 had been collected were excavated. Based on Bills of Lading received on June 30, 2000, approximately 250 tons of soil were excavated and removed from the site under the RAM in October 1999. Although the RAM also proposed to re-use some excavated soil on the site, it is not clear whether this was carried out. A geotextile marker layer was reportedly placed in the vicinity of CHA-1 and CHA-7 after the completion of excavation, before clean fill was placed to bring the site to final grades. The aerial extent and final depth of the marker layer were not identified.

B. Risk Characterization

A Method 1 Risk Characterization was used to evaluate potential risks posed by the site. Soils are classified S-1 in the landscaped areas of the site and S-2 under pavement. Groundwater is classified as GW-3. The risk characterization does not identify background concentrations and exposure point concentrations were not identified for contaminants of concern. Potential groundwater contamination was not discussed in the risk characterization. The location of a portion of the site within an area designated by the National Heritage Endangered Species Program as Rare Habitat is not identified. The risk characterization concluded that a condition of No Significant Risk has been achieved.

C. Activity & Use Limitation and Response Action Outcome

A Notice of AUL was placed on a portion of the property. Activities and uses described as being consistent with the AUL include parking and access point to the Great Falls Discovery Center. Activities and uses described as being inconsistent with the AUL are excavation and construction activities that disrupt the paved parking area and concrete sidewalks. Obligations and conditions of the AUL are identified as maintenance of the integrity and condition of the paved parking area and concrete sidewalks. The AUL did not clearly identify the categories of permitted and

restricted uses at the site, and did not identify the boundaries of the areas where pavement must be maintained. In addition, it appears that the AUL boundary extends beyond the area of the parcel of land referenced in the AUL to an adjacent parcel. However, this could not be verified from the available information. The ownership of the additional parcel was not documented.

IV. SITE INSPECTION AND RESPONSE TO RFI

On August 25, 2003, Edward Weagle met at the site with David Ziomek, Project Manager with the Montague Economic Development & Industrial Corporation. The property currently contains a building, landscaped and paved areas. A portion of the site northeast of the AUL area was under final construction with grading activities underway at the time of the inspection. Coal ash and stressed vegetation is visible on an adjacent property that is located east of the transformers just off the property's western corner. Conditions at the site were consistent with the information previously provided to the Department.

The Department did not receive a response to the Request for Information.

V. DETERMINATIONS

On the basis of the activities performed during the audit and in reliance upon the accuracy of that information, the Department makes the following determination.

A. Violations were identified that require further action

Please refer to the Notice of Noncompliance (Attachment A) relative to the activities in noncompliance and the actions the Department wants you to take to come into compliance.

B. Violations were identified that do not require further action

No further steps are necessary to correct the following violations at this time.

1. **Violation of 310 CMR 40.0445(1) (Class II)** – A person conducting a RAM must submit a status report to the Department 120 days following written or presumptive approval, and every six months thereafter.

The Department did not receive the first RAM status report, due in November 1997.

2. **Violation of 310 CMR 40.0034(5) (Class III)** – A completed Bill of Lading form must be submitted to the Department within 30 days of the date of the final shipment from the disposal site.

Contaminated soil was transported from the site in October 1999, however, the Bill of Lading was not provided to the Department until June 30, 2000.

Although the Department is not requiring additional actions to address the violations identified above, the Department may use these violations to establish a pattern of noncompliance when pursuing future enforcement actions.

Attachment C

Because the Response Action Outcome upon which the Notice of Activity and Use Limitation (AUL) is based has been invalidated by the Department, the AUL must be terminated in accordance with 310 CMR 40.1083(1)(d).

1. Complete the attached Termination of Notice of AUL form. Do not change the language in the form, except to choose or delete bracketed text.
2. Record the Termination form at the Registry of Deeds. At the time of recording, request that the Termination be marginally referenced on the original AUL and on the deed by which you obtained title to the property.
3. If the person signing the Termination of AUL is not an individual signing on his/her own behalf, but rather on behalf of an entity, or as trustee, executor, or attorney in fact, submit documentation of the person(s) signatory authority as an exhibit to the Termination of AUL.
4. Inform local officials and the public of the Termination of AUL, pursuant to 310 CMR 40.1403(7).
5. Obtain a copy of the recorded Termination form, certified by the Registrar of Deeds and bearing the book and page/instrument number and/or document number, and submit it to the Department within 60 days of the date of this notice with a completed AUL Transmittal Form (BWSC-113).
6. Submit a statement to the Department certifying that the person(s) or entity identified as the property owner(s) on the Termination owned the property at the time the Termination was recorded.

TERMINATION OF NOTICE OF ACTIVITY AND USE LIMITATION
M.G.L. c. 21E, § 6, 310 CMR 40.0000

Disposal Site Name: _____
DEP Release Tracking No.(s) _____

WHEREAS, a Notice of Activity and Use Limitation has been [recorded with the _____ County Registry of Deeds in Book _____ Page _____] [and] [registered with the Land Registration Office of the _____ County Registry District as Document No. _____] [as amended by Amendment to a Notice of Activity and Use Limitation dated _____, recorded with the _____ County Registry of Deeds in Book _____ Page _____, and/or registered with the Land Registration Office of the _____ County Registry District as Document No. _____] (said Notice of Activity and Use Limitation and any amendments thereto are collectively referred to herein as "Notice");

WHEREAS, said Notice sets forth limitations on use and activities, conditions and obligations affecting certain [vacant] land situated in _____ (Town/City), _____ County, Massachusetts [with the buildings and improvements thereon], said land being more particularly bounded and described in Exhibit A attached hereto and made a part hereof ("Property");

WHEREAS, said limitations are consistent with the terms of an Activity and Use Limitation Opinion ("AUL Opinion") dated _____, signed and sealed by _____, holder of a valid license issued by the Board of Registration of Waste Site Cleanup Professionals, pursuant to M.G.L. c. 21A, §§ 19 through 19J (the holder being referred to as "LSP") attached to said Notice of Activity and Use Limitation as Exhibit C and made a part thereof, in order to [maintain at the Property a condition of No Significant Risk] [eliminate a substantial hazard], (said conditions and terms being defined in 310 CMR 40.0000); and

WHEREAS, said Notice is being terminated because additional response actions are necessary to support the conclusion that [a condition of No Significant Risk has been achieved at the property][all substantial hazards have been eliminated at the property].

NOW, THEREFORE, [I][We], of _____ (City/Town) _____ County, _____ (State), being the owner(s) of said Property, do hereby terminate said Notice.

(Owner) authorizes and consents to the [filing and recordation] [and] [registration] of this Termination of Notice of Activity and Use Limitation, said Termination to become effective when [recorded] [and] [registered] with the appropriate [Registry of Deeds] [and] [Land Registration Office.]

M-0375-1-66 (1160)
July 9, 2004

Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, MA 01103



Attn: Abby Kingman

Re: RTN 1-00494
Notice of Audit Findings

Dear Ms. Kingman:

On behalf of the Montague Economic Development & Industrial Corporation (MEDIC) we are pleased to submit the attached Tier II Extension, form BWSC-107, and accompanying Tier II Compliance History, form BWSC-107B. MEDIC is requesting this Tier II Extension in accordance with the Department's December 24, 2004 correspondence, which included a Notice of Audit Findings (NOAF), Notice of Non-Compliance (NON) and Invalid RAO determination. That document identified a number of deficiencies with the Response Action Outcome (RAO) report and Activity and Use Limitation (AUL) that had been prepared and filed by Clough Harbors & Associates on June 30, 2000 on behalf of MEDIC. Consequently, the Department determined that the RAO and LSP Opinion were invalid and that additional actions were required to be undertaken to bring the site into compliance with the MCP. One of those actions was the filing of a Tier II Extension request.

In addition to filing the extension request, the Department's NOAF also required the termination of the AUL that had been filed for the site. That will be done in the near future. The invalidation of the RAO and the termination of the AUL effectively eliminate the "permanent solution" for the site. Additional actions will be undertaken at the site in order to achieve a valid RAO and permanent solution once the Tier II extension request is approved.

Compliance History: The MEDIC property has been a recognized disposal site since the late 1980's, prior to the 1993 revisions to the Massachusetts Contingency Plan (MCP). Consequently, response actions at the site were conducted initially under a "Waiver of Approvals". Upon expiration of that waiver, the site became a Tier IB default site until DEP approved a Tier II Extension Request on April 16, 1999. Since filing that request, the site environmental compliance history has not changed, with the exception of the NON/NOAF mentioned above. The site does not conduct activities, such as manufacturing or waste disposal that would require an environmental permit from the Department, or Federal or local agencies.

Tighe & Bond has commenced with file reviews, interviews, site reconnaissance activities and preparation of AUL termination forms in accordance with the requirements of the Department's NOAF. A schedule for a Phase II investigation (if applicable), a revised risk assessment and a schedule for achieving an RAO for the site will be submitted to the Department by August 15, 2004. In the meantime, if you have any questions, please don't hesitate to contact me at (413) 875-1302.

Very truly yours,

TIGHE & BOND, INC.



Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\MM375\report\tier2extensionrequest.doc

CC: David Ziomek - MEDIC



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

[Handwritten signature]

Release Tracking Number

1 - 494

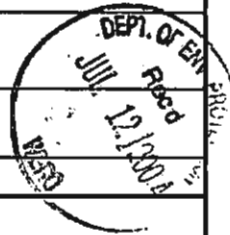
A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: Heritage State Park/Great Falls Discovery Center

2. Street Address: Avenue A & Second Street

3. City/Town: Montague

4. ZIP Code: 01376-0000



B. THIS FORM IS BEING USED TO: (check all that apply)

1. Submit a new Tier Classification Submittal for a Tier I Site, including a Numerical Ranking Scoresheet (BWSC107A) (check one) A Tier I Permit Application must also be submitted.
 a. Tier IA b. Tier IB c. Tier IC

2. Submit a new Tier Classification Submittal for a Tier II Site, including the Numerical Ranking Scoresheet (BWSC107A) and the Tier II Compliance History (BWSC107B)

3. Submit a Phase I Completion Statement as per 310 CMR 40.0480
If previously submitted, provide date _____ mm/dd/yyyy

4. Submit a Phase II Scope of Work as per 310 CMR 40.0834
If previously submitted, provide date _____ mm/dd/yyyy

5. Submit a Phase II Conceptual Scope of Work supporting a Tier Classification Submittal

6. Submit a Tier II Extension Submittal for Response Actions at a Tier II Site including the Tier II Compliance History (BWSC107B)

7. Submit a Tier II Transfer Submittal for a change in person(s) undertaking Response Actions at a Tier II Site including the Tier II Compliance History (BWSC107B) and the Tier II Transferor Certification (BWSC107C)

Proposed effective date of transfer: _____ mm/dd/yyyy

8. Submit a Revised Tier Classification Submittal, including a Numerical Ranking Scoresheet (BWSC107A)
A Major Permit Modification may also need to be submitted.

If this revised submittal is re-classifying the site check the new classification.
 a. Tier IA b. Tier IB c. Tier IC d. Tier II

9. Submit a Notice that an additional Release Tracking Number(s) is (are) being linked to this Tier Classified Site (Primary RTN). Future response actions addressing the Release or Threat of Release notification condition associated with additional Release Tracking Numbers (RTNs) will be conducted as part of the Response Actions planned or ongoing at the Primary Site listed above. For a previously Tier Classified Primary Site, if there is a reasonable likelihood that the addition of the new secondary RTN(s) would change the classification of the site, a Revised Tier Classification Submittal must also be made.

Provide Release Tracking Number(s): a. - b. -

All future Response Actions must occur according to the deadlines applicable to the Primary RTN. Use only the Primary RTN when making future submittals for this site unless specifically relating to response actions started before the linking occurred.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a Tier I or Tier II Classification Submittal including the Numerical Ranking System Scoresheet is being submitted, this Tier Classification Submittal has been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Phase I Completion Statement is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Phase II Scope of Work is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Tier II Extension Submittal or a Tier II Transfer Submittal is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul 3. Last Name: Beaulieu

4. Telephone: (413) 875-1302 5. Ext.: _____ 6. FAX: (413) 568-9764

7. Signature:

8. Date: 7/9/04
mm/dd/yyyy

9. LSP Stamp:





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM

Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - **494**

D. PERSON MAKING SUBMITTAL:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Montague Economic Development & Industrial Corporation
3. Contact First Name: Jay 4. Last Name: Dipucchio
5. Street: 38 Avenue A 6. Title: Chairperson
7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000
10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

E. RELATIONSHIP OF PERSON MAKING SUBMITTAL TO DISPOSAL SITE:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Making Submittal Specify Relationship: _____

F. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.
3. Check here to certify that a Legal Notice of a Tier Classification or Re-classification Submittal has been or will be made according to 310 CMR 40.1403, and a copy of the notice sent to DEP, the Chief Municipal Officer and the Local Board of Health.
4. For a Tier II Extension Submittal, check here to certify that a statement summarizing why a Permanent or Temporary Solution has not been achieved at the Disposal Site is attached.
5. For a Tier II Transfer Submittal, check here to certify that a statement summarizing the reasons for the proposed change in person(s) undertaking the Response Actions is attached. All Response Actions must be completed by the deadline applicable to the person who first filed either a Tier Classification Submittal for the Disposal Site or received a Waiver of Approvals.
6. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.
7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

G. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

If submitting a Tier II Classification, Extension or Transfer, I also attest under the pains and penalties of perjury that (i) I/the person(s) or entity(ies) on whose behalf this submittal is made has/have personally examined and am/is familiar with the requirements of M.G.L. c. 21E and 310 CMR 40.0000; (ii) based upon my inquiry of the/those Licensed Site Professional(s) employed or engaged to render Professional Services for the disposal site which is the subject of this Transmittal Form and of the person(s) or entity(ies) on whose behalf this submittal is made, and my/that person's(s') or entity's(ies') understanding as to the estimated costs of necessary response actions, that/those person(s) or entity(ies) has/have the technical, financial and legal ability to proceed with response actions for such site in accordance with M.G.L. c. 21E, 310 CMR 40.0000 and other applicable requirements; and (iii) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is aware of the requirements in 310 CMR 40.0172 for notifying the Department in the event that I/the person(s) or entity(ies) on whose behalf this submittal is made learn(s) that it/they is/are unable to proceed with the necessary response actions.

2. By: [Signature]
Signature

3. Title: Chairperson

4. For: Montague Economic Development & Industrial Corp.
(Name of person or entity recorded in Section D)

5. Date: 07/01/2004
mm/dd/yyyy

6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY):

[Empty box for Date Stamp]



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107B

TIER II COMPLIANCE HISTORY
 Pursuant to 310 CMR 40.0540 (Subpart E)

Release Tracking Number

1 - 494

A. DISPOSAL SITE COMPLIANCE HISTORY SUMMARY:

1. Check here if a Tier II Compliance History of the person listed in BWSC107, Section D, was previously submitted, and there has been no change in that person's compliance history. If this box is checked, this section does not have to be completed.

2. List all permits or licenses that have been issued by the Department that are relevant to this Disposal Site:

Program	Permit Number	Permit Category	Facility ID
a. Air Quality			
b. Hazardous Waste (M.G.L. c. 21C)			
c. Solid Waste			
d. Industrial Wastewater Management			
e. Water Supply			
f. Water Pollution Control/Surface Water			
g. Water Pollution Control/Groundwater			
h. Water Pollution Control/Sewer Connection			
i. Wetland & Waterways			

3. List all other Federal, state or local permits, licenses, certifications, registrations, variances, or approvals that are relevant to this Disposal Site:

Issuing Authority or Program, or Documentation Type	Identification Number	Date Issued (mm/dd/yyyy)
None		

4. Check here to certify that, if needed, a statement further describing the Compliance History of this Disposal Site is attached.

This statement must describe the compliance history of the person or entity named in BWSC107, Section D with the following: (1) DEP regulations; and (2) other laws for the protection of health, safety, public welfare and the environment administered or enforced by any other government agency. Such a statement should identify information such as: (1) actions relevant to the Disposal Site taken by the Department to enforce its requirements including, but not limited to, a Notice of Noncompliance (NON), Notice of Intent to Assess Civil Administrative Penalty (PAN), Notice of Intent to Take Response Action (NORA), and an administrative enforcement order; (2) administrative consent orders; (3) judicial consent judgements; (4) similar administrative actions taken by other Federal, state or local agencies; (5) civil or criminal actions relevant to the Disposal Site brought on behalf of the DEP or other Federal, state, or local agencies; and (6) any additional relevant information. For each action identified, provide the following information: (1) name of the issuing authority, type of action, identification number and date issued; (2) description of noncompliance cited; (3) current status of the matter; and (4) final disposition, if any.

Montague Economic Development and Industrial Corporation
38 Avenue A
Turners Falls, MA 01376
(413) 863-3221

March 11, 2004

Ms. Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup
MA DEP
436 Dwight Street
Springfield, MA 01103

Re: Montague, RTN 1-00494 (Heritage State Park)

Dear Ms. Symington:

I am writing in response to a letter from your office dated 12/24/03 regarding 21E cleanup issues related to the site formally referred to as the Turners Falls Heritage State Park. The purpose of my letter is to inform you of the actions we are taking to comply with the determination noted in your earlier correspondence.

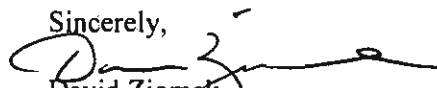
For your records I would like to make sure you and your staff are aware that the land and buildings associated with the former park are owned by the Montague Economic Development and Industrial Corporation (MEDIC) and not by the Commonwealth. MEDIC is working in partnership with the MA Department of Conservation and Recreation, US Fish and Wildlife Service, and other partners to re-develop the site as a visitor/education center through a 512 Agreement with the town of Montague.

At the present time, MEDIC is actively exploring two avenues to bring our site back into compliance with DEP. First, we are seeking any/all records from Clough, Harbour and Associates, LLP, the original LSP of record. To be perfectly honest, we were shocked to discover that the work Clough, Harbour and Associates had done was so inadequate and we may seek legal action against the firm. Our hope is that by gaining access to their full set of records we may be able to address some of the concerns referenced in Attachment A in the Notice of Non-Compliance. Secondly, we are in the process of hiring another firm to represent MEDIC in this process. We hope to have an LSP under contract by March 15.

Once we have retained a new LSP we believe that we can address many of the items contained in the Notice of Non-Compliance within a 6-8 week period. With this schedule in mind, I would like to ask for an extension until June 30, 2004 to address the twenty-four issues listed in the audit. I am requesting this extension based on our excellent record of previous responses to DEP regulatory issues and with the unique circumstances surrounding the sub-standard work of the LSP from 2001 in mind. I hope you will consider these factors as you review our case.

I look forward to hearing back from your staff regarding the request for an extension. Thank you.

Sincerely,


David Ziomek
Project Manager



22-0375-1-66 (1160)
June 11, 2004

Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, MA 01103



Re: LSP of Record Change
Heritage State Park
Turners Falls, MA
RTN: 1-00494

To whom it may concern:

This is to inform the Massachusetts Department of Environmental Protection that, effective today, I am the Licensed Site Professional (LSP) of Record for the following site:

Avenue A & Second Street (RTN 1-00494)

My LSP number is 9999. Thomas Duffield, LSP #9490, was the former LSP of record. If you have any questions regarding this, please don't hesitate to contact me at (413)875-1302.

Very truly yours,

TIGHE & BOND, INC

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

Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\M\375\LTR\LSPCHANGE.DOC

Copy: David Ziomek, Great Falls Discovery Center



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

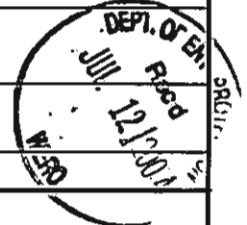
TIER CLASSIFICATION TRANSMITTAL FORM
 Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: Heritage State Park/Great Falls Discovery Center
2. Street Address: Avenue A & Second Street
3. City/Town: Montague 4. ZIP Code: 01376-0000



B. THIS FORM IS BEING USED TO: (check all that apply)

- 1. Submit a new **Tier Classification Submittal** for a **Tier I Site**, including a **Numerical Ranking Scoresheet** (BWSC107A) (check one) A Tier I Permit Application must also be submitted.
 - a. Tier IA b. Tier IB c. Tier IC
- 2. Submit a new **Tier Classification Submittal** for a **Tier II Site**, including the **Numerical Ranking Scoresheet** (BWSC107A) and the **Tier II Compliance History** (BWSC107B)
- 3. Submit a **Phase I Completion Statement** as per 310 CMR 40.0480
 If previously submitted, provide date _____ mm/dd/yyyy
- 4. Submit a **Phase II Scope of Work** as per 310 CMR 40.0834
 If previously submitted, provide date _____ mm/dd/yyyy
- 5. Submit a **Phase II Conceptual Scope of Work supporting a Tier Classification Submittal**
- 6. Submit a **Tier II Extension Submittal** for Response Actions at a Tier II Site including the **Tier II Compliance History** (BWSC107B)
- 7. Submit a **Tier II Transfer Submittal** for a change in person(s) undertaking Response Actions at a Tier II Site including the **Tier II Compliance History** (BWSC107B) and the **Tier II Transferor Certification** (BWSC107C)
 Proposed effective date of transfer : _____ mm/dd/yyyy
- 8. Submit a **Revised Tier Classification Submittal**, including a **Numerical Ranking Scoresheet** (BWSC107A) A Major Permit Modification may also need to be submitted.
 If this revised submittal is re-classifying the site check the new classification.
 - a. Tier IA b. Tier IB c. Tier IC d. Tier II
- 9. Submit a **Notice that an additional Release Tracking Number(s) is (are) being linked to this Tier Classified Site** (Primary RTN). Future response actions addressing the Release or Threat of Release notification condition associated with additional Release Tracking Numbers (RTNs) will be conducted as part of the Response Actions planned or ongoing at the Primary Site listed above. For a previously Tier Classified Primary Site, if there is a reasonable likelihood that the addition of the new secondary RTN(s) would change the classification of the site, a **Revised Tier Classification Submittal** must also be made.

Provide Release Tracking Number(s): a. - b. -

All future Response Actions must occur according to the deadlines applicable to the Primary RTN. Use only the Primary RTN when making future submittals for this site unless specifically relating to response actions started before the linking occurred.



Massachusetts Department of Environmental Protection
 Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM

Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a **Tier I or Tier II Classification Submittal including the Numerical Ranking System Scoresheet** is being submitted, this Tier Classification Submittal has been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Phase I Completion Statement** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Phase II Scope of Work** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Tier II Extension Submittal or a Tier II Transfer Submittal** is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul 3. Last Name: Beaulieu

4. Telephone: (413) 875-1302 5. Ext.: _____ 6. FAX: (413) 568-9764

7. Signature: 

8. Date: 7/9/04
 mm/dd/yyyy

9. LSP Stamp:





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM
 Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

D. PERSON MAKING SUBMITTAL:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Montague Economic Development & Industrial Corporation
3. Contact First Name: Jay 4. Last Name: Dipucchio
5. Street: 38 Avenue A 6. Title: Chairperson
7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000
10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

E. RELATIONSHIP OF PERSON MAKING SUBMITTAL TO DISPOSAL SITE:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Making Submittal Specify Relationship: _____

F. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.
3. Check here to certify that a Legal Notice of a Tier Classification or Re-classification Submittal has been or will be made according to 310 CMR 40.1403, and a copy of the notice sent to DEP, the Chief Municipal Officer and the Local Board of Health.
4. For a Tier II Extension Submittal, check here to certify that a statement summarizing why a Permanent or Temporary Solution has not been achieved at the Disposal Site is attached.
5. For a Tier II Transfer Submittal, check here to certify that a statement summarizing the reasons for the proposed change in person(s) undertaking the Response Actions is attached. All Response Actions must be completed by the deadline applicable to the person who first filed either a Tier Classification Submittal for the Disposal Site or received a Waiver of Approvals.
6. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.
7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM

Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

G. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

If submitting a Tier II Classification, Extension or Transfer, I also attest under the pains and penalties of perjury that (i) I/the person(s) or entity(ies) on whose behalf this submittal is made has/have personally examined and am/is familiar with the requirements of M.G.L. c. 21E and 310 CMR 40.0000; (ii) based upon my inquiry of the/those Licensed Site Professional(s) employed or engaged to render Professional Services for the disposal site which is the subject of this Transmittal Form and of the person(s) or entity(ies) on whose behalf this submittal is made, and my/those person's(s') or entity's(ies') understanding as to the estimated costs of necessary response actions, that/those person(s) or entity(ies) has/have the technical, financial and legal ability to proceed with response actions for such site in accordance with M.G.L. c. 21E, 310 CMR 40.0000 and other applicable requirements; and (iii) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is aware of the requirements in 310 CMR 40.0172 for notifying the Department in the event that I/the person(s) or entity(ies) on whose behalf this submittal is made learn(s) that it/they is/are unable to proceed with the necessary response actions.

2. By: [Signature] 3. Title: Chairperson
Signature

4. For: Montague Economic Development & Industrial Corp. 5. Date: 07/01/04
(Name of person or entity recorded in Section D) mm/dd/yyyy

6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY):

[Empty box for Date Stamp]



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107B

Release Tracking Number

1 - 494

TIER II COMPLIANCE HISTORY

Pursuant to 310 CMR 40.0540 (Subpart E)

A. DISPOSAL SITE COMPLIANCE HISTORY SUMMARY:

1. Check here if a Tier II Compliance History of the person listed in BWSC107, Section D, was previously submitted, and there has been no change in that person's compliance history. If this box is checked, this section does not have to be completed.

2. List all permits or licenses that have been issued by the Department that are relevant to this Disposal Site:

Program	Permit Number	Permit Category	Facility ID
a. Air Quality			
b. Hazardous Waste (M.G.L. c. 21C)			
c. Solid Waste			
d. Industrial Wastewater Management			
e. Water Supply			
f. Water Pollution Control/Surface Water			
g. Water Pollution Control/Groundwater			
h. Water Pollution Control/Sewer Connection			
i. Wetland & Waterways			

3. List all other Federal, state or local permits, licenses, certifications, registrations, variances, or approvals that are relevant to this Disposal Site:

Issuing Authority or Program, or Documentation Type	Identification Number	Date Issued (mm/dd/yyyy)
None		

4. Check here to certify that, if needed, a statement further describing the Compliance History of this Disposal Site is attached.

This statement must describe the compliance history of the person or entity named in BWSC107, Section D with the following: (1) DEP regulations; and (2) other laws for the protection of health, safety, public welfare and the environment administered or enforced by any other government agency. Such a statement should identify information such as: (1) actions relevant to the Disposal Site taken by the Department to enforce its requirements including, but not limited to, a Notice of Noncompliance (NON), Notice of Intent to Assess Civil Administrative Penalty (PAN), Notice of Intent to Take Response Action (NORA), and an administrative enforcement order; (2) administrative consent orders; (3) judicial consent judgements; (4) similar administrative actions taken by other Federal, state or local agencies; (5) civil or criminal actions relevant to the Disposal Site brought on behalf of the DEP or other Federal, state, or local agencies; and (6) any additional relevant information. For each action identified, provide the following information: (1) name of the issuing authority, type of action, identification number and date issued; (2) description of noncompliance cited; (3) current status of the matter; and (4) final disposition, if any.

File Copy
SCANNED



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

436 Dwight Street • Springfield, Massachusetts 01103 • (413) 784-1100

MITT ROMNEY
Governor

ELLEN ROY HERZFELDER
Secretary

KERRY HEALEY
Lieutenant Governor

EDWARD P. KUNCE
Acting Commissioner

August 1, 2003

Montague Economic Development & Industrial Corporation
38 Avenue A
Turners Falls, MA 01376

Attn: Mr. David Ziomek
Project Manager

Re: Montague, RTN 1-00494
Heritage State Park
Avenue A & Second Street
RAM, RAO, AUL

**NOTICE OF AUDIT
REQUEST FOR SITE INSPECTION
REQUEST FOR INFORMATION**

Dear Mr. Ziomek:

On August 5, 1998, the Legislature enacted the "Brownfields Act" which provides new incentives for parties to clean up and reuse contaminated property in Massachusetts. The legislation also calls on the Department of Environmental Protection (the Department) to conduct targeted audits of all sites at which Activity and Use Limitations (AULs) have been implemented. The goal of these audits is to determine whether response actions performed at a site comply with the Massachusetts Contingency Plan, 310 CMR 40.0000 (MCP), and Chapter 21E. The Department's Bureau of Waste Site Cleanup has selected the above-referenced site for an audit.

An Audit Fact Sheet is attached (Attachment A) that outlines the audit process and provides the citations in the MCP that relate to the audit process. Audit staff from the Western Regional Office will primarily focus on the Response Action Outcome Statement and Notice of Activity and Use Limitation, dated March 28, 2000, prepared by Thomas A. Duffield of Clough, Harbour & Associates LLP, the Licensed Site Professional (LSP)-of-Record, and received by the Department on June 30, 2002 for this audit evaluation. In addition, the following documents also prepared by prepared by Thomas A. Duffield of Clough, Harbour & Associates LLP documents are available in Department records for the site and may be evaluated during this audit:

- Release Abatement Measure Completion Report dated March 21, 2000; and
- Release Abatement Measure Plan dated July 20, 1999

This information is available in alternate format. Call Aprel McCabe, ADA Coordinator at 1-617-556-1171. TDD Service • 1-800-298-2207.

DEP on the World Wide Web: <http://www.mass.gov/dep>

Printed on Recycled Paper

The Department's evaluation of the site's compliance status will be based on the information provided in these documents. If you are aware of additional, existing documentation relevant to the response actions being audited at the site, please submit the existing documentation to the Department within 14 days of your receipt of this notice. Any submittal made in response to this notice must contain the attached Certification of Submittal per 310 CMR 40.0009 (Attachment B).

Request For Information

The Department needs additional information to clarify the actions taken at the site and/or to verify the site's compliance with the MCP. A Request for Information is attached as Attachment C. You must prepare written responses to all questions and/or requests listed and submit them to the Department within fourteen (14) calendar days of your receipt of this notice. Your response must contain the attached Certification of Submittal (Attachment B), and follow the requirements outlined in the attached Request for Information. Send your response to this request, along with the required certification, to the undersigned.

The deadline given for a response to this Request for Information is an Interim Deadline enforceable under 310 CMR 40.0167. You may request an extension of this deadline in writing, but the Department is not required to grant extension requests.

Request For Site Inspection

The Department requests an appointment to inspect the site **on August 25, 2003 at 10:30 a.m.** The inspection will be conducted by Edward Weagle. You or your representatives familiar with the site are requested to attend. The LSP-of-Record may also attend. Please call Edward Weagle within five (5) days of your receipt of this notice at (413) 755-2221 to confirm the appointment or if you need to arrange an alternative date or time. The purpose of the inspection will be to evaluate the site conditions in relation to the information received by the Department, and to discuss the following issues identified during the Department's record review:

1. Lead contamination exceeding S-1 standards apparently left at the ground surface in the area of CHA-4.
2. Determination of the lateral extent of contamination in the area of CHA-1 and CHA-4.
3. Preparation of the Notice of Activity and Use Limitation.

Preliminary audit findings based on the Department's file review may also be discussed during the site inspection.

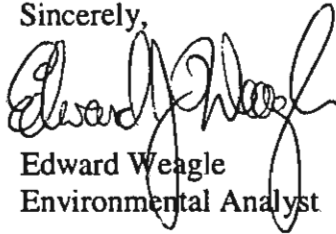
Audit Results

After the site inspection, the Department will evaluate whether the actions taken at the site are in compliance with the regulations and meet the performance standards needed to protect public health, safety, and the environment. The Department's determination of compliance will be based on the work performed as of the date the Department received the submittal. You will receive a Notice of Audit Findings summarizing the results of the audit.

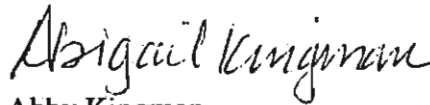
If the Department finds that response actions were not conducted in compliance with the MCP, you will be notified of the actions needed to return to compliance. The Department may set deadlines by which you will be expected to correct any violations, or the Department may pursue higher level enforcement.

If you have any questions about this notice, please call Edward Weagle at (413) 755-2221. The Department appreciates your anticipated cooperation in this matter.

Sincerely,



Edward Weagle
Environmental Analyst



Abby Kingman
Acting Section Chief, Audits/Site Management
Bureau of Waste Site Cleanup

Certified Mail # 7001 2510 0001 8067 3067
Return Receipt Requested

Attachments:

- A. Audit Fact Sheet
- B. Certification of Submittal
- C. Request for Information

cc (all Attachments):

Mr. Thomas Duffield, LSP-of-Record, T. F. Moran, Inc. 149 Emerald Street,
Keene, NH 03431
Clough, Harbour & Associates LLP, 11 King Court, Keene, NH 03431

cc (no Attachments):

WERO Audit File
Data Entry: AUDCOM/NOA, RFI

Ecc (w/attachment C)

Town of Montague, Chief Municipal Officer
Town of Montague, Board of Health/Health Department
Thomas Potter, Audit Coordinator, DEP-Boston



AUDITS

Massachusetts Department of Environmental Protection BWSC Audit Program Fact Sheet

Authority, Mandate, and Funding for Audits

The Massachusetts Department of Environmental Protection (DEP) is required to audit response actions at disposal sites by M.G.L. Chapter 21E § 3A(o). This law mandates that DEP audit a minimum of 20% of all sites for which annual compliance assurance fees are required to be paid. Annual compliance assurance fees serve as the funding source for the audit program. DEP has issued regulations to govern the audit process in the revised Massachusetts Contingency Plan (MCP) (310 CMR 40.1100). M.G.L. c. 21E and the MCP also give DEP the authority to inspect sites, collect environmental samples, and require the submission of pertinent information related to a site.

What is the Goal of an Audit?

The goal of an audit is to ensure compliance with M.G.L. c. 21E and the MCP by verifying that response actions have been conducted according to all applicable requirements of the MCP. The principal focus of the evaluation is to determine whether human health, safety, public welfare, and the environment have been adequately protected by response actions conducted at the site. Overall, the DEP audit program has been designed to ensure:

Compliance with M.G.L. c. 21E, the MCP, and other applicable requirements.

Consistency of audits within and across DEP regions.

Credibility to maintain public confidence that remedial response actions that have little or no direct DEP oversight are being performed in a proper and timely manner.

Commitment to achieving the 20% audit target in M.G.L. c. 21E.

The data generated by the Audit program will be used to evaluate the overall success of the strategies in the new MCP.

What are the steps in an Audit?

Important points to note in the process are:

- DEP may audit sites, response actions, Responsible Parties (RPs), Potentially Responsible Parties (PRPs), or Other Persons.
- DEP may select sites for audit at random, or on a targeted basis.
- DEP may take enforcement actions for violations at any time in the process.
- DEP will provide reasonable **Notice of Audit** beyond an examination of documents in Department records, or within other public records. Such activities may include: (1) a request for information, (2) a request to meet with DEP, (3) a site inspection, (4) collection of samples, or (5) other actions as required.
- DEP will issue a **Notice of Audit Findings** at the conclusion of an audit if the audit was comprised of more than an examination of documents within the Department's records or in other public records. DEP is not required to issue a Notice of Audit Findings if doing so might jeopardize enforcement actions at a site.

When may a site be audited?

DEP selects sites for audit randomly (Random Audit) and by criteria-specific methods (Targeted Audits) within the following timeframes: 1) Within two (2) years from filing a Class A or B Action Outcome Statement (RAO), DEP may select a site for a Random Audit. 2) From the point of the initial release notification to five (5) years after a Class A or Class B RAO has been filed, DEP may select a site for a Targeted Audit. 3) DEP shall not initiate a Targeted Audit after 5 years unless DEP has reason to believe that:

ATTACHMENT B

CERTIFICATION OF SUBMITTAL (310 CMR 40.0009)

This certification must be included with your response to the Request for Information.

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this submittal, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the person or entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information.

By:

Signature Date

Title

For:

Name of person or entity

RTN #: 1-00494

**ATTACHMENT C
REQUEST FOR INFORMATION**

This Request for Information is addressed to the Montague Economic Development & Industrial Corporation (to the attention of Mr. David Ziomek), a Potentially Responsible Party for the Heritage State Park site, RTN 1-00494, located at Avenue A & Second Street in Montague.

Pursuant to M.G.L. Chapter 21E §§ 2, 4, and 8, 310 CMR 40.0165, and 310 CMR 40.1120(1), the Department requires you to provide the information requested below. You must prepare written responses to each item and deliver the responses to the Department within fourteen (14) calendar days of your receipt of this notice.

A separate response must be made to each of the questions in this Request for Information. Please label each answer with the number of the question to which it responds. Note that you must provide in writing any specific information that is responsive to the questions even if that information has not been written previously in any document.

This Request for Information is a continuing request. That is, if information requested here which is not known or available to you as of the date of your response later becomes known or available to you, you must forward the information to the Department at that time. In addition, if you discover at any time after submission of your response to this request that any portion of the information you have provided is false or misrepresents the truth, you must notify the Department immediately. You are obligated under 310 CMR 40.0165(2) to promptly provide the Department any information relevant to this Request for Information and correct any errors in your response to the Request for Information at any time in the future when you discover such information or errors. If you do not have any portion of the information requested in your possession, custody, or control, you should state this in your response and identify the persons from whom the information may be obtained. You must follow the procedure described in 310 CMR 40.0165(3) if you claim any information submitted is a trade secret or otherwise exempt from public disclosure.

DO NOT IGNORE THIS REQUEST. Failure to respond to this request or the submission of false or misleading information may subject you and your officers and employees to enforcement action by the Department.

You may consult with a Licensed Site Professional (LSP) when preparing a response to this request. Note, however, that you, not the LSP, are obligated to respond to this request.

QUESTIONS

1. The RAM Completion Report dated March 21, 2000 and received by the Department on June 30, 2000 states "Two areas of identified contaminants that were proposed to be removed in the submitted RAM Plan (borings CHA-1 and CHA-7) were in fact excavated and disposed... The contaminated soil was excavated and stockpiled on-site on a plastic tarp underneath and wrapped back over the entire stockpile." Please identify the date(s) the contaminated soil was excavated from the vicinity of CHA-1 and CHA-7, and please provide proper documentation for the disposal of the soil excavated from these areas.

2. Please indicate if all of the properties subject to the Notice of AUL are still owned by the Montague Economic Development & Industrial Corporation. If the properties have been conveyed, please indicate the date(s) of conveyance and provide a copy of the deed(s) into the new owner(s).
3. Please provide documentation establishing ownership (i.e. deed) of "former First Street", as designated on the "RAM AND RAO PLAN WITH AUL AREA".
4. Please provide documentation establishing ownership (i.e. deed) of the area north of "former First Street", existing within the designated AUL area.
5. If local town officials received a copy of the Notice of AUL within 30 days of recording at the Registry of Deeds, please provide documentation showing that these copies were provided.

AUL AUDIT CHECKLIST
Checklist for Notice of Activity and Use Limitation -- Form 1075 (October 29, 1999 - present)

SUBMITTAL OF AUL DOCUMENTATION TO DEP		Registered	Unregistered	Citation(s)	Comments
1	Is the Property registered land (certificate of title #) or unregistered land (deed book/page)?				
2	Has DEP received a certified copy of the AUL with proof of recording/registration, ie. Is Registrar's stamp on the document, indicating it is certified? (If yes, check one of the options below): <input checked="" type="checkbox"/> AUL marked with a Registry stamp indicating an Instrument Number <input type="checkbox"/> AUL marked with a Registry stamp indicating a Book and Page Number <input type="checkbox"/> AUL marked with a Land Registration stamp indicating a Land Registration Document Number	Y	N	40.1056(2)(g) 40.1074(4)(a)	
3	If yes, was the certified copy received within 30 days of recording and/or registering the AUL?	Y	N	40.1074(4)	
4	Has DEP received a registry copy of the required survey plan(s) referenced in the AUL, bearing the plan book and page numbers?	Y	N	40.1074(4)(b)	
5	If yes, was the registry copy of the required survey plan(s) received within 30 days of recording and/or registering the AUL?	Y	N	40.1074(4)	
6	If the property subject to the AUL is unregistered land, has DEP received a registry copy of the deed into the owner, bearing the marginal reference to the AUL?	Y	N	40.1074(4)(c)	
7	If yes, was the registry copy of the deed into the owner bearing the marginal reference received within 30 days of recording and/or registering the AUL?	Y	N	40.1074(4)	
8	Has DEP received a statement from the person(s) signing the AUL certifying that the person or entity identified as the owner on the AUL owned the property at the time the AUL was recorded and/or registered?	Y	N	40.1074(1)(f)1	
9	Has DEP received a statement from the person(s) signing the AUL certifying that record interest holders were notified pursuant to 40.1074(1)(e), or that there are no such holders?	Y	N	40.1074(1)(f)2	
REQUIREMENTS FOR SUBMITTING NOTICE OF AUL -- TRANSMITTAL FORM 113					
10	Was Transmittal Form 113 submitted with the AUL Notice? (if no, skip to question 29)	Y	N	40.0009(4)	
11	Is the Release Tracking Number for the Disposal Site identified?	Y	N	40.0009(4)	
12	Is the Disposal Site name identified?	Y	N	40.0009(4)	
13	Is the address of the Disposal Site identified?	Y	N	40.0009(4)	
14	Is a box checked to indicate what Form is being submitted?	Y	N	40.0009(4)	
15	Does the Transmittal Form identify the date the AUL was recorded or registered?	Y	N	40.0009(4)	
16	Does the Transmittal Form indicate the name of the Registry or Land Registration Office where the AUL was recorded or registered?	Y	N	40.0009(4)	
17	Does the Transmittal Form identify the Book and Page Number (unregistered land), and/or Land Court Document Number (registered land) of the AUL?	Y	N	40.0009(4)	
18	Is the name of the person/organization submitting the Transmittal Form identified?	Y	N	40.0009(4)	
19	Is the name of a contact person identified, if Form 113 is submitted by an organization?	Y	N	40.0009(4)	
20	Is the address of the person/organization submitting Transmittal Form 113 identified?	Y	N	40.0009(4)	
21	Is the telephone number of the person/organization submitting Transmittal Form 113 identified?	Y	N	40.0009(4)	

AUL TSAUD 8/22/00

REQUIREMENTS FOR SUBMITTING NOTICE OF AUL -- TRANSMITTAL FORM 113, Cont.				Citation(s)	Comments
22	Is the name of the Property Owner(s) identified, if different from the person/organization submitting the Transmittal Form?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(4)	
23	Is the address of the Property Owner(s) identified, if different from the person/organization submitting the Transmittal Form?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(4)	
24	Is the telephone number of the Property Owner(s) identified, if different from the person/organization submitting the Transmittal Form?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(4)	
25	Is a box checked indicating the relationship of the person submitting Transmittal Form 113 to the Disposal Site?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(4)	
26	Is the Transmittal Form signed and certified by the person submitting Transmittal Form?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(3)	
27	Is the signature dated?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(3)	
28	Is the signature dated on or after (not before) the date the AUL was recorded or registered?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.0009(3)	
REQUIREMENTS FOR COMPLETING FORM 1075				Citation(s)	Comments
29	Is the Form's boilerplate unaltered, except where alterations are allowed through bracketed language?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1075	Incorrect bracket use
30	If the boilerplate is inappropriately altered, attach a copy of the Form with alterations highlighted.	Done <u>(Not applicable)</u>			
31	Is the Disposal Site name identified?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1074(2)(d) 40.1075	
32	Is the DEP Release Tracking Number(s) identified?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1074(2)(d) 40.1075	
33	Is the date of the AUL identified?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1075	
34	Is the name of the Property Owner identified?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1074(2)(b) 40.1075	Incorrectly in first # - individual rather than corp.
35	Is the address of the Property Owner identified?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1075	
36	Does the form clearly indicate, through use of bracketed language, whether land is vacant or improved?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1075	
37	Is the address of the Property subject to the AUL identified (City/Town & County)?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1074(2)(a)1 40.1075	
38	Does the AUL identify the owner's source of title (i.e. deed, certificate of title, probate docket number)?	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1075	
39	Is reference made to a survey plan of the Property? (If yes, indicate the form of reference below) ___ Registry of Deeds, Plan Book & Plan Number ___ Land Court Plan Number	<input checked="" type="radio"/> Y	<input type="radio"/> N	40.1074(1)(a) 40.1074(2)(a)3 40.1075	"registered herewith" dated 1991
40	Is optional Paragraph #4 included (indicating AUL applies only to a Portion of the Property) or omitted (indicating AUL applies to entire Property)?	<input checked="" type="radio"/> Included	<input type="radio"/> Omitted	40.1074(1)(a) 40.1075	

NOTE: For purposes of auditing Notices of Activity and Use Limitations (AULs), numbers have been arbitrarily assigned to each paragraph of Form 1075, as published in the 5/30/1997 Massachusetts Register. These paragraph references are intended for use solely by DEP staff and contractors during audits of AULs, and are not to be cited or relied upon for any other purpose.

REQUIREMENTS FOR COMPLETING FORM 1075, Cont.		Citation(s)	Comments
41	Is bracketed language selected, in the following locations, indicating whether the AUL applies to the entire Property or only a Portion of the Property? <input checked="" type="checkbox"/> Paragraph 5 (twice) <input checked="" type="checkbox"/> Paragraph 6 <input checked="" type="checkbox"/> Paragraph 8 <input checked="" type="checkbox"/> Paragraph 9 <input checked="" type="checkbox"/> Paragraph 10 <input checked="" type="checkbox"/> Paragraph 11 <input type="checkbox"/> Paragraph 13	Y <u>N</u> 40.1074(1)(a) 40.1074(2)(a) 40.1075	
42	Is bracketed language indicating Property/Portion of Property consistent in all locations?	<u>Y</u> N Not applicable	40.1074(2)(a)
43	Does the AUL apply to the entire Property, or only a Portion of the Property?	All <u>Part</u> Unclear	
44	Is optional Paragraph #4 properly included or omitted, whichever is applicable?	<u>Y</u> N Unclear	40.1074(1)(a) 40.1075
45	If only a Portion of the Property is subject to the AUL: Is reference made to a survey plan of the Portion subject to the AUL? (If yes, indicate the form of reference below) <input checked="" type="checkbox"/> Registry of Deeds, Plan Book & Plan Number <input type="checkbox"/> Sketch Plan "attached hereto and filed herewith for registration"	<u>Y</u> N Not applicable	40.1074(1)(a) 40.1074(2)(a)4 40.1075 <i>likely wrong reference - unregistered land</i>
46	Is bracketed language selected in the following locations, indicating whether the area subject to the AUL comprises all of the Disposal Site or only a Portion? <input checked="" type="checkbox"/> Paragraph 5 <input type="checkbox"/> Paragraph 6	<u>Y</u> <u>N</u>	40.1074(1)(a) 40.1075
47	Is bracketed language indicating Entire Disposal Site/Portion of Disposal Site consistent in all locations?	Y N <u>Not applicable</u>	40.1074(1)(a) 40.1075
48	Does the area subject to the AUL comprise the entire Disposal Site, or only a Portion?	All <u>Part</u> Unclear	
49	Is reference made to a sketch plan, attached as Exhibit B, showing the relationship of the Disposal Site to the Property or Portion of Property subject to the AUL?	<u>Y</u> N	40.1074(1) 40.1074(2)(a)5 40.1075
50	Does the Form include the date of the AUL Opinion?	<u>Y</u> N	40.1074(1)(a) 40.1075
51	Is bracketed language selected in the following locations, indicating whether purpose of AUL is to maintain a condition of No Significant Risk (NSR), or to maintain a condition of No Substantial Hazard (NSH)? <input checked="" type="checkbox"/> Paragraph 8 <input checked="" type="checkbox"/> Paragraph 10 <input checked="" type="checkbox"/> Paragraph 11	<u>Y</u> N	40.1074(1)(a) 40.1075
52	Is bracketed language indicating NSR/NSH consistent in all locations?	<u>Y</u> N	40.1074(1)(a) 40.1075
53	Is the purpose of the AUL to maintain a condition of NSR, or to maintain a condition of NSH?	<u>NSR</u> NSH Unclear	

REQUIREMENTS FOR COMPLETING FORM 1075, Cont.

		Y	N	Citation(s)	Comments
54	Does the Form include a description of consistent activities and uses?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1074(2)(e) 40.1075	
55	If yes, is the description of consistent activities and uses written in a clear and understandable manner?	<input checked="" type="radio"/>	<input type="radio"/>	Not applicable	But does not address residential use, or general commercial/industrial boundaries of pavement/sidewalk
56	Does the Form include a description of inconsistent activities and uses?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(2)(e) → 40.1074(1)(a) 40.1074(2)(g) 40.1075	current → Residential
57	If yes, is the description of inconsistent activities and uses written in a clear and understandable manner?	<input checked="" type="radio"/>	<input type="radio"/>	Not applicable	allows excavation in AUL areas
58	Does the Form include a description of obligations and conditions?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1074(2)(f) 40.1075	in AUL areas
59	If yes, is the description of obligations and conditions written in a clear and understandable manner?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(2)(f) 40.1074(1)(a) 40.1074(2)(i) 40.1075	does not identify boundaries of pavement/sidewalk
60	Is the Form signed by the Property Owner?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(2)(j)	
61	If the person signing the AUL is an individual signing on his/her own behalf, is the Owner's signature an authorized and binding signature? (if yes, check one) ___ Sole ownership: signed by sole owner ___ Joint ownership: signed by all owners	<input checked="" type="radio"/>	<input type="radio"/>	Not applicable	
62	Is the Owner's signature dated?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1075	
63	Is the Owner's signature properly notarized, i.e. are each of the following requirements met? ___ All signatures are individually notarized ___ State and county of notary are identified ___ Owner is named in notary block ___ Notary signature is present ___ Notary signature is dated ___ Commission expiration date is identified ___ Commission is not expired at time of notarization ___ Notary seal or stamp is included (required for out-of-state notary; not required for Massachusetts notary)	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1074(2)(j) 40.1075	
64	Is the Form signed by an LSP?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1074(2)(j) 40.1075	
65	Is the LSP's signature dated?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1075	
66	Is the LSP's signature dated on or after (not before) the date of owner's signature?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1074(2)(j)	
67	Is LSP's signature sealed with LSP stamp?	<input checked="" type="radio"/>	<input type="radio"/>	40.1074(1)(a) 40.1074(2)(j) 40.1075	

REQUIREMENTS FOR COMPLETING FORM 1075, Cont.

		Y	N	Not applicable	Citation(s)	Comments
68	<p>Is the LSP's signature properly notarized, i.e. are each of the following requirements met?</p> <p><input checked="" type="checkbox"/> State and county of notary are identified</p> <p><input checked="" type="checkbox"/> LSP is named in notary block</p> <p><input checked="" type="checkbox"/> Notary signature is present</p> <p><input checked="" type="checkbox"/> Notary signature is dated</p> <p><input checked="" type="checkbox"/> Commission expiration date is identified</p> <p><input checked="" type="checkbox"/> Commission is not expired at time of notarization</p> <p><input checked="" type="checkbox"/> Notary seal or stamp is included (required for out-of-state notary; not required for Massachusetts notary)</p>	<input checked="" type="checkbox"/>			40.1074(1)(a) 40.1074(2)(j) 40.1075	
REQUIRED ATTACHMENTS TO FORM 1075						
EXHIBITS A, A1, A2						
69	Is a legal description of the parcel subject to the AUL (either a running description or a bounding description) attached as Exhibit A or otherwise attached?	Y	<input checked="" type="checkbox"/> N		40.1074(2)(a)2	
70	If only a Portion of the parcel is subject to the AUL, is a legal description of that Portion (running description) attached as Exhibit A-1 or otherwise attached?	Y	<input checked="" type="checkbox"/> N	Not applicable	40.1074(2)(a)4	
71	If Property is registered and only a Portion of the Property is subject to the AUL, is an 8.5" x 11" survey plan of the restricted Portion attached as Exhibit A-2 or otherwise attached?	Y	<input checked="" type="checkbox"/> N	Not applicable	40.1074(2)(a)4.a	
72	If the Property is registered, and only a Portion of the Property is subject to the AUL, and a survey plan of the Portion is attached as Exhibit A-2 or otherwise attached, does the description of the Portion subject to the AUL (Exhibit A-1) conform to the survey plan?	Y	<input checked="" type="checkbox"/> N	Not applicable	40.1074(2)(a)4 40.1074(2)(a)4.a	
EXHIBIT B						
73	Is a sketch plan attached to the AUL as Exhibit B, or otherwise attached? (if no, skip to question 76)	Y	<input checked="" type="checkbox"/> N		40.1074(2)(a)5	
74	Does the sketch plan clearly illustrate the relationship of the area subject to the AUL to the boundaries of the Disposal Site?	Y	<input checked="" type="checkbox"/> N		40.1074(2)(a)5	
75	Is the sketch plan consistent with the Form (e.g. if the Form indicates that only a Portion of the Property is restricted, does the sketch plan conform)?	Y	<input checked="" type="checkbox"/> N	Unclear	40.1074(2)(a)5	
EXHIBIT C						
76	Is a LSP Opinion, in narrative form, attached as Exhibit C or otherwise attached? (if no, skip to question 80)	Y	<input checked="" type="checkbox"/> N		40.1056(1)(f) 40.1056(2)(h) 40.1074(1)(b)	
77	Is the LSP Opinion signed?	Y	<input checked="" type="checkbox"/> N		40.0015(1)	
78	Is the LSP Opinion dated?	Y	<input checked="" type="checkbox"/> N		40.0015(1)	
79	Is the LSP's seal included?	Y	<input checked="" type="checkbox"/> N		40.0015(1)	
EXHIBIT D						
80	Is Transmittal Form 114 attached as Exhibit D or otherwise attached? (if no, skip to question 91)	Y	<input checked="" type="checkbox"/> N		40.0009(4) 40.1056(1)(f) 40.1056(2)(h) 40.1074(1)(b)	Completed but not recorded
81	Is the Release Tracking Number of the Disposal Site identified?	Y	<input checked="" type="checkbox"/> N		40.0009(4)	
82	Is the Disposal Site name identified?	Y	<input checked="" type="checkbox"/> N		40.0009(4)	
83	Is the address of the Disposal Site identified?	Y	<input checked="" type="checkbox"/> N		40.0009(4)	
84	Is a box checked to indicate what Form the AUL Opinion supports?	Y	<input checked="" type="checkbox"/> N		40.0009(4)	

EXHIBIT D, Cont.		Citation(s)	Comments
85	Is the name of the LSP identified?	40.0009(4)	
86	Is the LSP's license number identified?	40.0009(4)	
87	Is the LSP's telephone number identified?	40.0009(4)	
88	Is Transmittal Form 114 signed by the LSP?	40.0009(3)	
89	Is the LSP's signature dated?	40.0009(4)	
90	Is the LSP's seal included?	40.0009(4)	post recording
SIGNATORY AUTHORITY OF ENTITIES			
91	If the person signing the AUL is not an individual signing on his/her own behalf, is there documentation of the person's signatory authority attached as an exhibit to the AUL?	40.1074(2)(c)	
92	If the person signing the AUL is not an individual signing on his/her own behalf, is the signature on Form 1075 an authorized and binding signature? (if yes, check one) <input type="checkbox"/> Trust: Signed in accordance with requirements established by the trust document <input type="checkbox"/> Corporation: Clerk's Certificate of Incumbency AND Clerk's Certificate documenting a corporate vote, resolution or by-law granting signatory authority IF the AUL is not signed by both President or Vice President and Treasurer or Assistant Treasurer <input type="checkbox"/> Other (explain): _____	40.1074(1)(c) 40.1074(2)(c) 40.1074(2)(i)	
CONSISTENCY OF FORMS, ATTACHMENTS & PLANS			
93	Are the consistent activities and uses listed in the Form in accordance with those in the LSP Opinion?	40.1056(2)(h)	
94	Are the inconsistent activities and uses listed in the Form in accordance with those in the LSP Opinion?	40.1056(2)(h)	
95	Are the obligations and conditions listed in the Form in accordance with those in the LSP Opinion?	40.1056(2)(h)	
96	Are the Form's descriptions of consistent activities and uses, inconsistent activities and uses, and obligations and conditions in accordance with each other?	40.1056(2)(h)	through residential use not addressed
97	Is the date of the LSP Opinion the same as the AUL Opinion date listed in the Form?		
98	Is the date of the AUL Document (paragraph 1) consistent with the date of the Owner's signature in the signature block (paragraph 16)?		
PUBLICATION REQUIREMENTS			
99	Was evidence submitted that a copy of the Form was forwarded to the local officials listed below within 30 days of being recorded or registered? <input type="checkbox"/> Chief Municipal Officer <input type="checkbox"/> Board of Health <input type="checkbox"/> Zoning Official <input type="checkbox"/> Building Code Enforcement Official	40.1090(1) 40.1403(7)(a)	
100	Was evidence submitted that notice of the AUL was published in a local newspaper within 30 days of being recorded or registered?	40.1090(1) 40.1403(7)(b)	
101	If yes or if published late, did the published notice include the following? <input type="checkbox"/> The name, address, and RTN of the disposal site <input type="checkbox"/> The type of Activity and Use Limitation (i.e. Notice of Activity and Use Limitation) <input type="checkbox"/> Information about where the AUL and site file can be reviewed <input type="checkbox"/> The name, address and phone number of the person recording the AUL	40.1090(1); 40.1403(7)(b)	

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Lead RTN: 1-00494		Date RAO Rcvd 6/30/00	
RAO SUBMITTAL TYPE (Circle one) <input checked="" type="radio"/> RAO-P LSP Eval. Opin. <input type="radio"/> Waiver Compl. St. RAO w/ AUL Other: Related RTNs:		OHM description: (Source, Type of OHM, Media Affected) Oil, PAHs Metals + Coal Ash in Soil Site Use: Public Park	
Town: Montague		Site Name: Heritage State Park	
Address: Avenue A + 2nd Street			
PRP/OP: MEDIC + MA DEM		LSP Name: Thomas Duffield	
Consultant: Clough, Harbour + Assoc LLP		LSP No.: 9490	

TECHNICAL SCREENING CHECKLIST

Condition	Yes	No	?	Page #
I. SITE CONCERNS (Based upon conditions at time of RAO submittal)				
A. Time Critical Conditions				
1. <input type="checkbox"/> Applicable GW-2 standard exceeded @ residence/school with no soil gas/indoor air sampling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. <input type="checkbox"/> More than 0.5" NAPL observed in any monitoring well	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. <input type="checkbox"/> One or more data points exceeds UCL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. <input type="checkbox"/> EPC in S-1 soil exceeds Method 1 standard and school/residence within 500 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. <input type="checkbox"/> Site contaminants impacting indoor air	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B. Drinking Water				
1. Site within potential drinking water source area (PDWSA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Site located within IWPA/mapped Zone II	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Private/Non-municipal public well(s) located within 500 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Municipal well(s) located within 1000 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. <input type="checkbox"/> Private well contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. <input type="checkbox"/> Public water supply contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C. Contaminated Soil				
1. Category S-3 Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Category S-2 Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Category S-1 Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D. Site and Area Use				
1. Industrial (no children likely to be present)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Commercial (limited presence of children)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. School/Institution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Residential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E. Released OHM [Contaminant Type(s)]				
1. Petroleum Fuel Oils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Gasoline, lube oils, waste oils and other petroleum products	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Metals, coal tar, PCBs, pesticides/herbicides, asbestos	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Chlorinated Solvents or Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F. Environmental Concerns				
1. Site within 500 feet of surface water and/or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Endangered species habitat, ACEC and/or certified vernal pool within 500 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Confirmed contamination of surface water, sediments and/or wetlands with site contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G. Site Complexity				
1. Media other than groundwater or soil affected (surface water, air, sediment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Co-mingled plumes (i.e., different sources from one or more sites co-mingled)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Bedrock contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If <input type="checkbox"/> conditions currently exist, see supervisor to discuss.				

DEP BWSO RAO TECHNICAL SCREENING AUDIT FORM

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II. TECHNICAL ADEQUACY		Citation(s)	Yes	No	?	NA	Page #
A. Remedial Response Actions – Indication That:							
1.	Documentation of removal of remediation waste provided	40.0034(5), (6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Remediation waste properly managed (reqmnts -Air 95%,gw, sw [NPDES], soil properly handled)	40.0031-40.0049	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Obtained DEP or other agency approvals and work done in accordance with approvals	40.0100(4), 40.0170(2-3, 5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B. Source/Extent Investigations – Indication That:							
1.	History of OHM use/storage/disposal at the site included	40.0405(1), 40.0835(4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Potential source(s) identified, characterized, or abated (septic leach field, floor drain, AST, etc.)	40.0923(2), 40.1003(5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Extent of contamination defined (including downgradient)	40.0904(2)(a), 40.1003(4),(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.	Potential or actual OHM analyzed for and/or evaluated (metals, VPH, VOCs, etc.)	40.0191(2), 40.0904(3)(a), 40.0926(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	All likely migration pathways (soil/gw/sw/air/sediment) identified/characterized/evaluated	40.0904(2)(c), 40.1004(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.	Proper sample collection technique/preservation/analysis/data reporting	40.0017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Risk Characterization – Indication That:							
1.	Background identified or characterized	40.0904(2)(b), 40.1020	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Soil/groundwater category properly identified	40.0930	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	EPC calculation provided (spatial or temporal) and EPC properly calculated	40.0926	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Hot Spot(s) addressed, identified (as Hot Spot) and not added in to other EPCs	40.0924(2), 40.0926(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5.	Migration Pathways (air, groundwater, etc.) assessed and evaluated in RC (All Methods, media dependent)	40.0904(2)(c), 40.1004(1)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SW?
6.	Applicable soil and/or groundwater standards not exceeded (Method 1 or 2) or AUL applied	40.0974, 40.0975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Correct risk characterization method used	40.0941, 40.0942	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.	All receptors accounted for (construction worker, trespassers, wetland, etc.) or AUL applied (Method 3)	40.0920-40.0922	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9.	Proper Exposure Scenario assumptions (exposure period, etc.) (Method 3)	40.0923-40.0925	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10.	All Exposure Pathways (dermal, inhalation, etc.) evaluated (Method 3)	40.0925	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11.	Final RAO for facility/property submitted with total site risk calculated (Method 3)	40.0992, 40.0993(7),(8),(9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12.	AUL Permitted/Inconsistent Activities, etc. understandable to general public and clearly written	40.0923(4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
III. Response Action Outcome Statement (RAO) Indication That:							
1.	RAO boundaries defined/delineated (clear description/plan of RAO boundaries)	40.1003(4), 40.1056(2)(a)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Relationship of RAO to other RAOs for that location has been defined	40.1056(1)(d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Correct RAO category	40.1030 – 40.1050	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Indication as to whether OHM(s) exceed UCLs presented	40.1056(1)(i)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DEP BWSC RAO TECHNICAL SCREENING AUDIT FORM

Disclaimer: This checklist is for use by DEP in reviewing *Response Action Outcomes* (RAO) Statements, and may not be relied upon for any other purpose. This checklist is not a comprehensive list of RAO requirements, which are fully set forth in M.G.L. c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

A. CLASS A – Indication That:	Yes	No	?	NA	Page #
1. All uncontrolled sources have been eliminated or controlled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1035 (2)(b)
2. Groundwater concentrations do not exceed standards in GW-1 area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1036(5)(b)
3. Phase IV, Phase V or Post RAO O&M, where required, has been completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1036(6)
A-1. CLASS A-1 – Indication That:					
1. A permanent solution has been achieved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1036(1)(a)
2. The level of OHM at the site has been reduced to background	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1036(1)(a)
3. Response actions eliminated all threats of release and a release oil and/or hazardous material to the environment has not occurred (This question applies to threats of release only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1036(1)(b)
A-2. CLASS A-2 – Indication That:					
1. A permanent solution has been achieved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1036(2)(a)
2. A background feasibility evaluation has been conducted which demonstrates that achievement of background is not feasible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	40.1020(3), 40.1056(2)(e)
A-3. CLASS A-3 – Indication That:					
1. A permanent solution has been achieved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(3)(a)
2. Obligations and Conditions of AUL have been implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(3)(c), 40.1056(2)(g)
3. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1074(2)(d-f, h)
4. A background feasibility evaluation has been conducted which demonstrates that achievement of background is not feasible	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1020(3), 40.1056 (2)(e)
5. Groundwater or Soil OHM concentrations do not exceed UCLs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(3)(d)
A-4. CLASS A-4 – Indication That:					
1. A permanent solution has been achieved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(4)(a)
2. Obligations and Conditions of AUL have been implemented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(c), 40.1056(2)(g)
3. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1074(2)(d-f, h)
4. Groundwater or Soil concentrations exceed UCLs; however: (check only a, b, or c)	---	---	---	---	40.1036 (4)(d), 40.1036(5)(a)
a. concentrations are consistent with background	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(5)(a)
b. contaminated soil is greater than 15 feet below grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(d), 40.1036(5)(a)
c. contaminated soil is beneath an engineered barrier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036 (4)(d), 40.1036(5)(a)
5. Engineered barrier does compare favorably to all other alternatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.0859(4), 40.1036(4)(e)
6. UCL Feasibility Evaluation conducted and shows that achieving UCLs is not feasible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40.1036(4)(e), 40.1056(2)(f)

Disclaimer: This checklist is for use by DEP in reviewing *Response Action Outcome (RAO)* Statements, and may not be relied upon for any other purpose. This checklist is not a comprehensive list of RAO requirements, which are fully set forth in M.G.L. c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

B. CLASS B – Indication That:				
1. Remedial actions have <i>not</i> been conducted		40.1045(2)	<input type="checkbox"/>	<input type="checkbox"/>
2. A level of No Significant Risk does exist		40.1045(1)	<input type="checkbox"/>	<input type="checkbox"/>
3. Initial Assessment, Phase I, or Phase II has been completed		40.1046(5)	<input type="checkbox"/>	<input type="checkbox"/>
B-1. CLASS B-1 – Indication That:				
1. One or more AULs are <i>not</i> necessary to maintain a level of no significant risk		40.1046(1)	<input type="checkbox"/>	<input type="checkbox"/>
B-2. CLASS B-2 – Indication That:				
1. Obligations and Conditions of AUL have been implemented		40.1046(2)(a), 40.1056(2)(g)	<input type="checkbox"/>	<input type="checkbox"/>
2. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)		40.1074(2)(d-f, h)	<input type="checkbox"/>	<input type="checkbox"/>
3. Groundwater or Soil OHM concentrations do <i>not</i> exceed UCLs		40.1046(2)(b)	<input type="checkbox"/>	<input type="checkbox"/>
B-3. CLASS B-3 – Indication That:				
1. Obligations and Conditions of AUL have been implemented		40.1046(3)(a), 40.1056(2)(g)	<input type="checkbox"/>	<input type="checkbox"/>
2. Reasonable AUL restrictions to maintain No Significant Risk (deep OHM, long exposure period, etc)		40.1074(2)(d-f, h)	<input type="checkbox"/>	<input type="checkbox"/>
3. OHM concentrations exceed UCLs; however: (check only a or b)		40.1046(3)(b),(c)	---	---
a. soil is located <i>greater</i> than 15 feet from ground surface		40.1046(3)(b)	<input type="checkbox"/>	<input type="checkbox"/>
b. UCL Feasibility Evaluation was conducted and shows that achieving UCLs is not feasible		40.1046(3)(c)	<input type="checkbox"/>	<input type="checkbox"/>
C. CLASS C – Indication That:				
1. All substantial hazards have been eliminated		40.1050(1), 40.1056(2)(d)	<input type="checkbox"/>	<input type="checkbox"/>
2. Soil and/or groundwater concentrations exceed any applicable standards		40.1050(2)(b)	<input type="checkbox"/>	<input type="checkbox"/>
3. Phase II and Phase III were submitted		40.1050(3), 40.1050(4)(a)	<input type="checkbox"/>	<input type="checkbox"/>
4. Plan of definitive & enterprising steps to achieve a permanent solution is included		40.1050(5)(a), 40.1056(2)(i)	<input type="checkbox"/>	<input type="checkbox"/>
5. Statement indicating whether post RAO Active O&M will be conducted is included		40.1056(1)(e)	<input type="checkbox"/>	<input type="checkbox"/>
6. Plan for post-RAO active O&M is included		40.1056(2)(i)	<input type="checkbox"/>	<input type="checkbox"/>



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WESTERN REGIONAL OFFICE

436 Dwight Street • Springfield, Massachusetts 01103 • (413) 784-1100 • FAX (413) 784-1149

SCANNED
FILE COPY

MITT ROMNEY
Governor

KERRY HEALEY
Lieutenant Governor

ELLEN ROY HERZFELDER
Secretary

ROBERT W. GOLLEDGE, Jr.
Commissioner

June 29, 2004

Thomas Duffield, LSP No. 9490
T.F. Moran, Inc.
149 Emerald Street
Keene, NH 03431

RE: **NOTICE OF NONCOMPLIANCE**
Montague
Heritage State Park
RTN 1-00494
NON-WE-04-3A091
**Failure to comply with Massachusetts
Contingency Plan**

Dear Mr. Duffield:

The Department of Environmental Protection (the "Department") has determined that you are not in compliance with one or more requirements enforced by the Department. The Department's records indicate that you are the LSP-of-Record for one or more submittals made in relation to releases of oil and/or hazardous materials at the disposal site (the site) named above. On June 30, 2000, the Department received a Response Action Outcome (RAO) Statement that you prepared for the disposal site. On December 24, 2003, the Department issued a Notice of Audit Findings and Notice of Noncompliance (NOAF/NON) to Montague Economic Development & Industrial Corporation as the Responsible Party for the disposal site, concluding that the RAO submittal did not comply with MCP requirements. Therefore, the RAO is invalid, and additional response actions are required at the disposal site. This determination, and additional findings relative to this site, are documented in the NOAF/NON referenced above.

The Department has also determined that you, acting as LSP-of-Record, are in noncompliance with the MCP. Attached is a Notice of Noncompliance that describes (1) the requirement violated by you, (2) the date and place that the Department asserts the requirement was violated, (3) either the specific actions which must be taken in order to return to compliance or direction to submit a written proposal to describing how and when you plan to return to compliance and (4) the deadline for taking such actions or submitting such a proposal.

If you have any questions about this Notice or any of the requirements contained in it, please contact Abby Kingman at 413-755-2228. Please reference the Release Tracking Number RTN 1-00494 and the enforcement tracking number NON-WE-04-3A091 in any future correspondence to the Department regarding the site to ensure proper tracking of your response.

Sincerely,



Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup

Certified Mail # 7001 2510 9557 1197

copy: David Ziomek, MEDIC, 38 Avenue A, Turners Falls, MA 01376
Steve Ellis, WERO (2 copies)
Data Entry: C&E/NON

ecc: BWSC Boston, attention: M. Pinaud
LSP Board

NOTICE OF NONCOMPLIANCE

NON-WE-04-3A091
RTN 1-00494

**THIS IS AN IMPORTANT LEGAL NOTICE.
FAILURE TO RESPOND COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.**

NAME OF ENTITY IN NONCOMPLIANCE:

Thomas Duffield, license #9490, 149 Emerald Street, Keene NH 03431

LOCATION WHERE NON COMPLIANCE OCCURRED OR WAS OBSERVED:

RTN # 1-00494
Avenue A and Second Street, Montague

DATES WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

June 30, 2000

DESCRIPTION OF REQUIREMENT(S) NOT COMPLIED WITH:

You rendered an LSP Opinion for a Class A-3 RAO Statement for the disposal site in noncompliance with 310 CMR 40.0000. Specifically, the determination that a condition of NSR was achieved was not supported by documentation that the allowable risk levels established in the MCP have been met, since there is not documentation of the extent of contamination, background levels of contamination, or exposure point concentrations. It cannot be determined whether the data provided in the submittals represent contamination levels prior to soil excavation or at the time of the RAO.

Therefore, you violated the following MCP requirement:

40.0169: The Role of Licensed Site Professionals

(3) LSPs shall render Opinions only in accordance with M.G.L. c. 21A, §§ 19 through 19J, 309 CMR 4.00 and 6.00, M.G.L. c. 21E, 310 CMR 40.0000 and other applicable laws.

ACTIONS TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTIONS:

Within thirty (30) days of the date of this Notice, provide to the Department a written statement indicating:

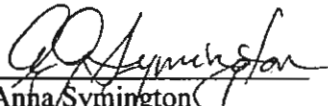
1. The events and conditions which led you to provide an LSP Opinion in noncompliance with requirements.
2. The implications of such noncompliance, particularly how it may have impacted public health, safety, welfare or the environment.
3. The steps you have taken to prevent such noncompliance in the future.

If the required actions are not completed by the deadlines specified below, an administrative penalty may be assessed for every day after the date of this Notice that the noncompliance occurs or continues. The

Department reserves its rights to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements, including, but not limited to, criminal prosecution, civil action including court-imposed civil penalties, or administrative action, including administrative penalties imposed by the Department.

For the Department of Environmental Protection:

Date: 6/29/04

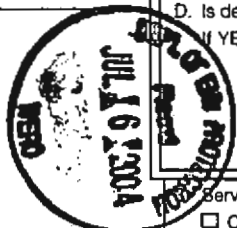
By: 
Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Thoams Duffield
 T.F. Moran Inc
 149 Emerald Street
 Keene NH 03431

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

 Agent Addressee

B. Received by (Printed Name)

Thomas Duffield

C. Date of Delivery

7/2/04

D. Is delivery address different from item 1? Yes

If YES, enter delivery address below:

 No

Service Type

 Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

 Yes

7001 2510 0002 9557 1197

BWSC - Montague - #1-0494

UNITED STATES POSTAL SERVICE



First-Class Mail[®]
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

*Department of Environmental Protection
436 Dwight Street, Suite 500
Springfield, MA 01103*

03



U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

BWSCF- Montague #1-0494 U Akingman

Postage \$

Certified Fee

Return Receipt Fee
(Endorsement Required)

Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees \$



Sent To

Thomas Duffield

T.F. Moran Inc

Street, Apt. No.,
or PO Box No.

49 Emerald Street

City, State, ZIP+4

Keene, NH 03431

7001 2510 0002 9557 1197

M-0375-1-66 (1160)
June 25, 2004



Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, MA 01103

Attn: Abby Kingman

Re: RTN 1-00494
Notice of Audit Findings

Dear Ms. Kingman:

We are writing to inform you that Tighe & Bond has been retained by the Montague Economic Development & Industrial Corporation (MEDIC) to prepare the materials and complete the actions required by the Department's Notice of Audit Findings (NOAF), dated December 24, 2003, for the above-referenced site. As you know, the Response Action Outcome (RAO) report and Activity & Use Limitation (AUL) originally filed for the site contain a number of shortcomings, particularly with respect to the analytical data and soil sample locations. We have commenced with our review of DEP files and information obtained by MEDIC from Clough Harbors & Associates so that we can identify any potential data gaps that would need to be addressed in a Phase II investigation in order to achieve an RAO for the site. Concurrent with that review, we have commenced with AUL termination activities and expect to submit a Tier II extension request in the near future. We anticipate completing all of the required action items in the NOAF, including submitting a schedule for a Phase II report, revised risk characterization and a schedule for achieving an RAO for the site by August 15, 2004.

Very truly yours,

TIGHE & BOND, INC.

Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\M\375\ltr\DEPAK1pgb.doc

CC: David Ziomek - MEDIC



Home

Track & Confirm

Current Status

You entered 7003 0500 0005 5443 8961

Your item was delivered at 11:50 am on January 05, 2004 in TURNERS FALLS, MA 01376.

[Shipment Details >](#)

Notification Options

[Track & Confirm by email](#) [What is this?](#) [Go >](#)

Track & Confirm

Enter label number:

[Go >](#)

[Track & Confirm FAQs](#) [Go >](#)



MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION

Western Regional Office/Bureau of Waste Site Cleanup

AUL FIELD SCREENING FORM

RELEASE TRACKING NUMBER

1-

00494

TOWN: MONTAGUE, TURNERS FALLS

Site Name: Great Falls Discovery Center

Contact Person: Mr. David Ziomek

Address: Avenue A and Second Street

Phone: (413) 863-3221

AUL INFORMATION (filled out by Screening/Office Staff) Date AUL filed: 6/30/00 Description of AUL area at time of filing: <input type="checkbox"/> Building(s) <input checked="" type="checkbox"/> Pavement <input type="checkbox"/> Cap/Cover <input type="checkbox"/> Grassed/Landscaped <input checked="" type="checkbox"/> Other Additional details/other relevant info on AUL area(s): AUL covers: <input type="checkbox"/> Property <input checked="" type="checkbox"/> Portion of the Property <input type="checkbox"/> Unclear Geotextile fabric exists in unpaved areas of AUL area. AUL requires maintenance of pavement and sidewalks without identifying the boundaries of paved areas.		SITE INSPECTION (filled out by Field Staff) Boundaries of AUL area(s) identifiable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Complete access to all AUL area(s)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Evidence of recent excavation/disturbance? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Evidence of recent construction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Remediation Waste present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Indication of potentially serious site conditions? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Other Notes: Construction/grading activities were taking place to the north and outside of the AUL area.	
PERMITTED ACTIVITIES AND USES <input type="checkbox"/> Residential <input type="checkbox"/> Daycare <input type="checkbox"/> School <input type="checkbox"/> Playground <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Excavation <input type="checkbox"/> Construction <input type="checkbox"/> Recreation Other/Details/Conditions: "The AUL area is used for parking and access point to the Great Falls Discovery Center."		OBSERVED ACTIVITIES AND USES <input type="checkbox"/> Residential <input type="checkbox"/> Daycare <input type="checkbox"/> School <input type="checkbox"/> Playground <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Excavation <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Recreation Comments: AUL area is primarily covered by paved parking areas and sidewalks; which surround a small densely wooded/brushy area.	
INCONSISTENT/RESTRICTED ACTIVITIES AND USES <input type="checkbox"/> Residential <input type="checkbox"/> Day Care <input type="checkbox"/> School <input type="checkbox"/> Playground <input type="checkbox"/> Park <input type="checkbox"/> Recreation <input type="checkbox"/> Construction <input type="checkbox"/> Excavation <input type="checkbox"/> Disturbance <input type="checkbox"/> Gardening: <input type="checkbox"/> Fruits/Veggies <input type="checkbox"/> Flowers/Landscaping Other/Details/Conditions: "Excavation and construction activities that disrupt the existing paved parking area and concrete sidewalks."		OBSERVED ACTIVITIES AND USES <input type="checkbox"/> Residential <input type="checkbox"/> Day Care <input type="checkbox"/> School <input type="checkbox"/> Playground <input type="checkbox"/> Park <input type="checkbox"/> Recreation <input type="checkbox"/> Construction <input type="checkbox"/> Excavation <input type="checkbox"/> Disturbance <input type="checkbox"/> Gardening: <input type="checkbox"/> Fruits/Veggies <input type="checkbox"/> Flowers/Landscaping Comments: VIOLATION OBSERVED: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Possible	
OBLIGATIONS AND CONDITIONS <input type="checkbox"/> Maintain Pavement <input type="checkbox"/> Maintain other cap/cover/liner <input type="checkbox"/> Soil Management Plan <input type="checkbox"/> Health & Safety Plan <input type="checkbox"/> Maintain Signs/Notices Other/Details/Conditions: "Maintain the integrity and condition of the paved parking area and concrete sidewalks."		OBSERVED CONDITIONS <input checked="" type="checkbox"/> Pavement <input type="checkbox"/> Cap/Cover/Liner <input type="checkbox"/> Signs/Notices Comments:	
AUL Sketch Attached to this form? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		VIOLATION OBSERVED: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Possible	
Additional Comments/Notes on Reverse Side: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Additional Comments/Notes on Reverse Side: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Completed by: Loretta Howes Date: 10/02/00		Completed by: Edward Weagle Insp Date: 08/25/03	

FLD DAW 8/25/03



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-104
DEP
 Release Tracking Number

**RESPONSE ACTION OUTCOME (RAO) STATEMENT &
 DOWNGRADIANT PROPERTY STATUS TRANSMITTAL FORM**
 Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

1 - 494

A. SITE OR DOWNGRADIANT PROPERTY LOCATION:

Site Name: (optional) GREAT FALLS DISCOVERY CENTER (HERITAGE STATE PARK)

Street: Avenue A & Second Street

Location Aid: _____

City/Town: Turners Falls, MA

ZIP Code: 01376 - 0000

Check here if this Site location is Tier Classified. If a Tier I Permit has been issued, state the Permit Number: _____

Related Release Tracking Numbers that this Form Addresses: _____

If submitting an RAO Statement, you must document the location of the Site or the location and boundaries of the Disposal Site subject to this Statement. If submitting an RAO Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site. If submitting a Downgradient Property Status Submittal, you must provide a site plan of the property subject to the submittal and, to the extent defined, the Disposal Site.

B. THIS FORM IS BEING USED TO: (check all that apply)

Submit a Response Action Outcome (RAO) Statement (complete Sections A, B, C, D, E, F, H, I, J and L).

Check here if this is a revised RAO Statement. Date of Prior Submittal: _____

Check here if any Response Actions remain to be taken to address conditions associated with any of the Releases whose Release Tracking Numbers are listed above. This RAO Statement will record only an RAO-Partial Statement for those Release Tracking Numbers.

Specify Affected Release Tracking Numbers: _____

Submit an optional Phase I Completion Statement supporting an RAO Statement or Downgradient Property Status Submittal (complete Sections A, B, H, I, J, and L).

Submit a Downgradient Property Status Submittal (complete Sections A, B, G, H, I, J and K).

Check here if this is a revised Downgradient Property Status Submittal. Date of Prior Submittal: _____

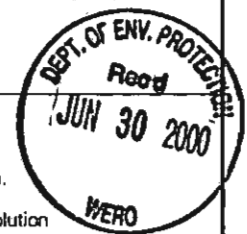
Submit a Termination of a Downgradient Property Status Submittal (complete Sections A, B, I, J and L).

Submit a Periodic Review Opinion evaluating the status of a Temporary Solution (complete Sections A, B, H, I, J and L).

Specify one: For a Class C RAO For a Waiver Completion Statement indicating a Temporary Solution

Provide Submittal Date of RAO Statement or Waiver Completion Statement: _____

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.



C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

Assessment and/or Monitoring Only

Removal of Contaminated Soils

Re-use, Recycling or Treatment

On Site Off Site Est. Vol.: _____ cubic yards

Describe: _____

Landfill Cover Disposal Est. Vol.: 165 cubic yards

Removal of Drums, Tanks or Containers

Describe: _____

Removal of Other Contaminated Media

Specify Type and Volume: _____

Other Response Actions

Describe: _____

Deployment of Absorbant or Contaminant Materials

Temporary Covers or Caps

Bioremediation

Soil Vapor Extraction

Structure Venting System

Product or NAPL Recovery

Groundwater Treatment Systems

Air Sparging

Temporary Water Supplies

Temporary Evacuation or Relocation of Residents

Fencing and Sign Posting

SECTION C IS CONTINUED ON THE NEXT PAGE.



**RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADE PROPERTY STATUS TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

1 - 494

C. DESCRIPTION OF RESPONSE ACTIONS: (continued)

Check here if any Response Action(s) that serve as the basis for this RAO Statement involve the use of Innovative Technologies. (DEP is interested in using this information to create an Innovative Technologies Clearinghouse.)

Describe Technologies: _____

D. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste was sent to an off-site facility, answer the following questions)

Name of Facility: Bondies Island, Landfill

Town and State: Agawam, MA 01001

Quantity of Remediation Waste Transported to Date: Approximately 165 Cubic Yards

E. RESPONSE ACTION OUTCOME CLASS:

Specify the Class of Response Action Outcome that applies to the Site or Disposal Site. Select **ONLY** one Class:

Class A-1 RAO: Specify one of the following:

Contamination has been reduced to background levels. A Threat of Release has been eliminated.

Class A-2 RAO: You **MUST** provide justification that reducing contamination to background levels is infeasible.

Class A-3 RAO: You **MUST** provide both an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to background levels is infeasible.

If applicable, provide the earlier of the AUL expiration date or date the design life of the remedy will end: _____

Class B-1 RAO: Specify one of the following:

Contamination is consistent with background levels Contamination is **NOT** consistent with background levels.

Class B-2 RAO: You **MUST** provide an implemented AUL.

If applicable, provide the AUL expiration date: _____

Class C RAO: Check here if you will conduct post-RAO Operation, Maintenance and Monitoring at the Site.

Specify One: Passive Operation and Maintenance Monitoring Only

Active Operation and Maintenance (defined at 310 CMR 40.0006)

F. RESPONSE ACTION OUTCOME INFORMATION:

If an RAO Compliance Fee is required, check here to certify that the fee has been submitted. You **MUST** attach a photocopy of the payment.

Check here if submitting one or more AULs. You must attach an AUL Transmittal Form (BWSC-113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below: (required for all Class A-3 RAOs and Class B-2 RAOs)

Notice of Activity and Use Limitation

Grant of Environmental Restriction

Number of AULs attached: 1

Specify the Risk Characterization Method(s) used to achieve the RAO described above and all Soil and Groundwater Categories applicable to the Site.

More than one Soil Category and more than one Groundwater Category may apply at a Site.

Be sure to check off all APPLICABLE categories, even if more stringent soil and groundwater standards were met.

Risk Characterization Method(s) Used: Method 1 Method 2 Method 3

Soil Category(ies) Applicable: S-1 S-2 S-3

Groundwater Category(ies) Applicable: GW-1 GW-2 GW-3

> When submitting any Class A-1 RAO or a Class B-1 RAO where contamination is consistent with background levels, do **NOT** specify a Risk Characterization Method.

> When submitting any Class A-2 RAO or a Class B-1 RAO where contamination is **NOT** consistent with background levels, you cannot use an AUL to maintain a level of no significant risk. Therefore, you must meet S-1 Soil Standards, if using Risk Characterization Method 1.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-104

RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADIANT PROPERTY STATUS TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

G. DOWNGRADIANT PROPERTY STATUS SUBMITTAL:

- If a Downgradient Property Status Submittal Compliance Fee is required, check here to certify that the fee has been submitted. You **MUST** attach a photocopy of the payment.
- Check here if a Release(s) of Oil or Hazardous Material(s), other than that which is the subject of this submittal, has occurred at this property.
Release Tracking Number(s): _____
- Check here if the Releases identified above require further Response Actions pursuant to 310 CMR 40.0000.

Required documentation for a Downgradient Property Status Submittal Includes, but is not limited to, copies of notices provided to owners and operators of both upgradient and downgradient abutting properties and of any known or suspected source properties.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

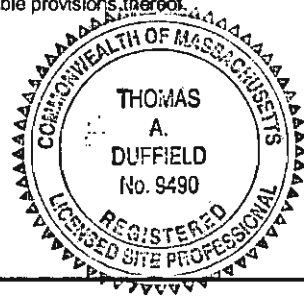
> if Section B indicates that a Downgradient Property Status Submittal is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in 310 CMR 40.0183(2)(b), and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that either an RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

- Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you **MUST** attach a statement identifying the applicable provisions thereof.

LSP Name: Thomas A. Duffield LSP #: 9490 Stamp: _____
 Telephone: (603) 357- 2445 Ext.: _____
 FAX: (optional) (603) 357 - 8870
 Signature: *Thomas A. Duffield*
 Date: 3/28/00



I. PERSON MAKING SUBMITTAL:

Name of Organization: Montague Economic Development & Industrial Corporation
 Name of Contact: David Ziomek Title: Project Manager
 Street: 38 Avenue A
 City/Town: Turners Falls State: MA ZIP Code: 01376 -0000
 Telephone: (413) 863 - 3221 Ext.: _____ FAX: (optional) _____

J. RELATIONSHIP TO SITE OF PERSON MAKING SUBMITTAL: (check one)

- RP or PRP Specify: Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Submitting This Form Specify Relationship: _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-104

RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADIENT PROPERTY STATUS TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

1 - 494

K. CERTIFICATION OF PERSON SUBMITTING DOWNGRADIENT PROPERTY STATUS SUBMITTAL:

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form; (ii) that, based on my inquiry of the/those individual(s) immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge, information and belief, true, accurate and complete; (iii) that, to the best of my knowledge, information and belief, I/the person(s) or entity(ies) on whose behalf this submittal is made satisfy(ies) the criteria in 310 CMR 40.0183(2); (iv) that I/the person(s) or entity(ies) on whose behalf this submittal is made have provided notice in accordance with 310 CMR 40.0183(5); and (v) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is/are aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: _____ Title: _____
(signature)

For: _____ Date: _____
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street: _____

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: (optional) _____

L. CERTIFICATION OF PERSON MAKING SUBMITTAL:

If you are completing only a Downgradient Property Status Submittal, you do not need to complete this section of the form.

I, Sara Campbell, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: Sara E. Campbell Title: Chairperson, MEDIC
(signature)

For: Sara E. Campbell Date: 5/15/00
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street: _____

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: (optional) _____

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE, AND YOU MAY INCUR ADDITIONAL COMPLIANCE FEES.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-106

DEA

RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

1 - 494

A. SITE LOCATION:

Site Name: GREAT FALLS DISCOVERY CENTER (HERITAGE STATE PARK)

Street: AVENUE A & SECOND STREET

Location Aid:

City/Town: Turners Falls, MA

ZIP Code: 01376 - 0000

Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number:

Related Release Tracking Numbers That This RAM or URAM Addresses:

B. THIS FORM IS BEING USED TO: (check all that apply)

Submit a RAM Plan (complete Sections A, B, C, D, E, F, J, K, L and M).

Check here if this RAM Plan is an update or modification of a previously approved written RAM Plan. Date Submitted:

Submit a RAM Status Report (complete Sections A, B, C, E, J, K, L and M).

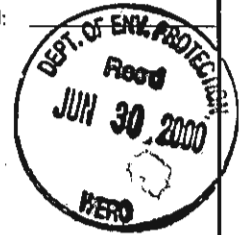
Submit a RAM Completion Statement (complete Sections A, B, C, D, E, G, J, K, L and M).

Confirm or Provide URAM Notification (complete Sections A, B, H, K, L and M).

Submit a URAM Status Report (complete Sections A, B, C, E, J, K, L and M).

Submit a URAM Completion Statement (complete Sections A, B, C, D, E, I, J, K, L and M).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.



C. SITE CONDITIONS:

Check here if the source of the Release or Threat of Release is known.

If yes, check all sources that apply: UST Pipe/Hose/Line AST Drums Transformer Boat

Tanker Truck Vehicle Other Specify: Coal ash from historic site use.

Identify Media and Receptors Affected: (check all that apply) Air Groundwater Surface Water Sediments Soil

Wetlands Storm Drain Paved Surface Private Well Public Water Supply Zone 2 Residence

School Unknown Other Specify:

Identify Release and/or Threat of Release Conditions at Site: (check all that apply)

2 and 72 Hour Reporting Condition(s) 120 Day Reporting Condition(s) Other Condition(s)

Describe: Site with active Waiver of Approvals.

RAMs may be conducted concurrently with an IRA only with written DEP approval
URAMs may not be conducted if any 2 or 72 Hour conditions exist at the site.

Identify Oils and Hazardous Materials Released: (check all that apply) Oils Chlorinated Solvents Heavy Metals

Others Specify: PAH Compounds

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

Assessment and/or Monitoring Only

Deployment of Absorbant or Containment Materials

Excavation of Contaminated Soils

Temporary Covers or Caps

Re-use, Recycling or Treatment

Bioremediation

On Site Off Site Est. Vol.: _____ cubic yards

Soil Vapor Extraction

Describe: _____

Structure Venting System

Store On Site Off Site Est. Vol.: _____ cubic yards

Product or NAPL Recovery

SECTION D IS CONTINUED ON THE NEXT PAGE.



RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

1 - 494

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

- Landfill Cover Disposal Est. Vol.: 165 cubic yards
- Removal of Drums, Tanks or Containers
- Removal of Other Contaminated Media
- Other Response Actions
- Groundwater Treatment Systems
- Air Sparging
- Temporary Water Supplies
- Temporary Evacuation or Relocation of Residents
- Fencing and Sign Posting

See 310 CMR 40.0442 for limitations on the scope and type of RAMs.
See 310 CMR 40.0464 for performance standards for URAMs.

- Check here if this RAM or URAM involves the use of Innovative Technologies. DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse.
- Describe Technologies: _____

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: Bondies Island Landfill
Town and State: Agawam, MA 01001

Quantity of Remediation Waste Transported to Date: Approximately 165 cubic yards.

F. RAM PLAN:

- Check here if this RAM Plan received previous oral approval from DEP as a continuation of a Limited Removal Action (LRA).
Date of Oral Approval: _____
- If a RAM Compliance Fee is required, check here to certify that the fee has been submitted. You **MUST** attach a photocopy of the payment. See 310 CMR 40.0444(2) to learn when a fee is not required.
- Check here if the RAM Plan is proposed for a Transition Site. If this is the case, you may need to attach an LSP Evaluation Opinion prior to undertaking the RAM, if not previously provided. See 310 CMR 40.0600 for further information about Transition Sites.

G. RAM COMPLETION STATEMENT:

- If a RAM Compliance Fee is required in connection with submission of the RAM Completion Statement, check here to certify that the fee has been submitted. You **MUST** attach a photocopy of the payment. You owe this fee when submitting a RAM Completion Statement if you received oral approval of a RAM that continued an LRA, and have NOT previously submitted a RAM Plan and accompanying fee.
- If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement, you must submit a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the RAM Completion Statement.

H. URAM NOTIFICATION:

- Identify Location Type: (check all that apply) Public Right of Way Utility Easement Private Property
- Identify Utility Type: (check all that apply) Sanitary/Combined Sewerage Water Drainage Natural Gas
- Telephone Steam Lines Telecommunications Electric Other Specify: _____

- Check here if you provided DEP with previous oral notification of this URAM. Date of Oral Notice: _____
- Check here if the property owner was NOT contacted prior to initiation of the URAM. If this is the case, you must attach an explanation of why the owner was not contacted, including the date and time when contact ultimately occurred.
- Check here if this URAM will occur in connection with the construction of new public utilities. If this is the case, document the nature and extent of encountered contamination, the scope and expense of necessary mitigation and the benefits and limitations of project alternatives.

With the exception stated below, the person undertaking the URAM must provide the name and license number of an LSP engaged or employed in connection with the URAM:

LSP Name: _____ LSP License Number: _____

LSP information is not required if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by a Hazardous Material or a mixture of a Hazardous Material and Oil.



**RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

I. URAM COMPLETION STATEMENT:

Check here if this URAM was limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated by either a Hazardous Material or a mixture of a Hazardous Material and Oil.

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the URAM Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the URAM Completion Statement.

J. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a Release Abatement Measure Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Release Abatement Measure Status Report or a Utility-Related Abatement Measure Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Release Abatement Measure Completion Statement or a Utility-Related Abatement Measure Completion Statement is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

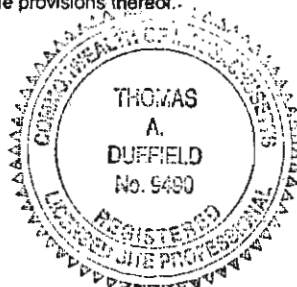
LSP Name: Thomas A. Duffield LSP #: 9490 Stamp:

Telephone: (603) 357-2445 Ext.: _____

FAX: (optional) (603) 357-8770

Signature: Thomas A. Duffield

Date: 3/28/00



An LSP Opinion is not required for a Utility-Related Abatement Measure Notification.

An LSP Opinion is not required for a URAM Completion Statement if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by Hazardous Material or a mixture of Hazardous Material and Oil.

K. PERSON UNDERTAKING RAM OR URAM:

Name of Organization: Montague Economic Development & Industrial Corporation

Name of Contact: David Ziomek Title: Project Manager

Street: 38 Avenue A

City/Town: Turners Falls State: MA ZIP Code: 01376 - 0000

Telephone: (413) 863-3221 Ext.: _____ FAX: (413) 863-3221

Check here if there has been a change in person undertaking the RAM or URAM.



**RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking Number

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

1 - 494

L. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RAM or URAM: (check one)

- RP or PRP Specify: Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Undertaking RAM or URAM Specify Relationship: _____

M. CERTIFICATION OF PERSON UNDERTAKING RAM OR URAM:

I, Sara E. Campbell, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/vis aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: *Sara E. Campbell* Title: Chairperson
(signature)

For: Montague E.D.I.C. Date: 3/15/00
(print name of person or entity recorded in Section K)

Enter address of person providing certification, if different from address recorded in Section K:
Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: (optional) _____

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.



SCANNED
DEA
Release Tracking Number

ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM
Pursuant to 310 CMR 40.1056 and 40.1070 - 40.1084 (Subpart J)

1 - 494

A. LOCATION OF DISPOSAL SITE AND PROPERTY SUBJECT TO AUL:

Disposal Site Name: GREAT FALLS DISCOVERY CENTER

Street: Avenue A & Second Street

Location Aid: _____

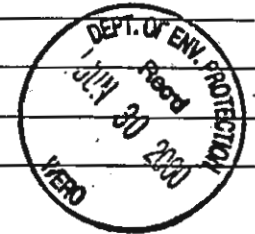
City/Town: Turners Falls, MA

ZIP Code: 01376

Address of property subject to AUL, if different than above. Street: _____

City/Town: _____

ZIP Code: _____



Check here if this Disposal Site is Tier Classified.

If the Disposal Site subject to the AUL is also subject to a Tier I Permit, provide the Permit Number: _____

Related Release Tracking Numbers affected by this AUL: _____

B. THIS FORM IS BEING USED TO: (check one)

Submit a certified copy of a Notice of Activity and Use Limitation, pursuant to 310 CMR 40.1074 (complete all sections of this form).

Submit a certified copy of an Amended Notice of Activity and Use Limitation, pursuant to 310 CMR 40.1081(4) (complete all sections of this form).

Submit a certified copy of a Termination of a Notice of Activity and Use Limitation, pursuant to 310 CMR 40.1083(3) (complete all sections of this form).

Submit a certified copy of a Grant of Environmental Restriction, pursuant to 310 CMR 40.1071, (complete all sections of this form).

Submit a certified copy of an Amendment of Environmental Restriction, pursuant to 310 CMR 40.1081(3) (complete all sections of this form).

Submit a certified copy of a Release of Environmental Restriction, pursuant to 310 CMR 40.1083(2) (complete all sections of this form).

You must attach all supporting documentation for the use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. AUL INFORMATION:

Date AUL was recorded and/or registered with Registry of Deeds and/or Land Registration Office: June 23, 00

Name of Registry of Deeds and/or Land Registration Office where AUL was recorded and/or registered: Franklin County

Book and Page Number and/or Document Number of recorded and/or registered AUL: Book 3640, pages 292-296

D. PERSON SUBMITTING AUL TRANSMITTAL FORM:

Name of Organization: Clough, Harbour & Associates, LLP

Name of Contact: Thomas A. Duffield

Title: Senior Engineer

Street: 11 King Court

City/Town: Keene

State: NH ZIP Code: 03431

Telephone: (603) 357 - 2445

Ext.: 223

FAX: (optional) (603) 357 -8770

E. OWNER OF PROPERTY, IF NOT PERSON SUBMITTING AUL TRANSMITTAL FORM:

Provide a mailing address for the owner of the property if that person is not submitting the AUL Transmittal Form.
Provide addresses for additional owners on an attachment.

Name of Organization: Montague Economic Development & Industrial Corporation

Name of Contact: Mr. David Ziomek

Title: Project Manager

Street: 38 Avenue A

City/Town: Turners Falls

State: MA ZIP Code: 01376

Telephone: (413) 863 - 3221

Ext.: _____

FAX: (optional) (413) 863 - 3221



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Pursuant to 310 CMR 40.1056 and 40.1070 - 40.1084 (Subpart J)

Release Tracking Number

1 - 494

F. RELATIONSHIP TO DISPOSAL SITE OF PERSON SUBMITTING AUL TRANSMITTAL FORM: (check one)

- RP or PRP Specify: Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Submitting AUL Specify Relationship: Agent

G. CERTIFICATION OF PERSON SUBMITTING AUL TRANSMITTAL FORM:

I, Thomas A. Duffield, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: Thomas A. Duffield Title: Senior Engineer
(signature)

For: Thomas A. Duffield Date: 6/29/00
(print name of person or entity recorded in Section D)

Enter address of person providing certification, if different from address recorded in Section D:
Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: (optional) _____

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE, AND YOU MAY INCUR ADDITIONAL COMPLIANCE FEES.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

ACTIVITY & USE LIMITATION (AUL) OPINION FORM

Pursuant to 310 CMR 40.1070 - 40.1084 (Subpart J)

[Handwritten Signature]

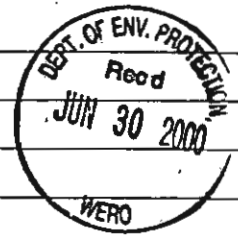
Release Tracking Number

1 - 494

COMPLETE THIS FORM AND ATTACH AS AN EXHIBIT TO THE AUL DOCUMENT TO BE RECORDED AND/OR REGISTERED WITH THE REGISTRY OF DEEDS AND/OR LAND REGISTRATION OFFICE.

A. LOCATION OF DISPOSAL SITE AND PROPERTY SUBJECT TO AUL:

Disposal Site Name: GREAT FALLS DISCOVERY CENTER
Street: Avenue A & Second Street Location Aid: _____
City/Town: Turners Falls, MA ZIP Code: 01376
Address of property subject to AUL, if different than above. Street: _____
City/Town: _____ ZIP Code: _____



B. THIS FORM IS BEING USED TO: (check one)

- Provide the LSP Opinion for a Notice of Activity and Use Limitation, pursuant to 310 CMR 40.1074 (complete all sections of this form).
- Provide the LSP Opinion for an Amended Notice of Activity and Use Limitation, pursuant to 310 CMR 40.1081(4) (complete all sections of this form).
- Provide the LSP Opinion for a Termination of a Notice of Activity and Use Limitation, pursuant to 310 CMR 40.1083(3) (complete all sections of this form).
- Provide the LSP Opinion for a Grant of Environmental Restriction, pursuant to 310 CMR 40.1071, (complete all sections of this form).
- Provide the LSP Opinion for an Amendment of Environmental Restriction, pursuant to 310 CMR 40.1081(3) (complete all sections of this form).
- Provide the LSP Opinion for a Release of Environmental Restriction, pursuant to 310 CMR 40.1083(2) (complete all sections of this form).

C. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

- > if Section B indicates that a Notice of Activity and Use Limitation is being registered and/or recorded, the Activity and Use Limitation that is the subject of this submittal (i) is being provided in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (ii) complies with 310 CMR 40.1074(1)(b);
- > if Section B indicates that an Amended Notice of Activity and Use Limitation is being registered and/or recorded, the Activity and Use Limitation that is the subject of this submittal (i) is being provided in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (ii) complies with 310 CMR 40.1080(1) and 40.1081(1);
- > if Section B indicates that a Termination of a Notice of Activity and Use Limitation is being registered and/or recorded, the Activity and Use Limitation that is the subject of this submittal (i) is being provided in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (ii) complies with 310 CMR 40.1083(3)(a);
- > if Section B indicates that a Grant of Environmental Restriction is being registered and/or recorded, the Activity and Use Limitation that is the subject of this submittal (i) is being provided in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (ii) complies with 310 CMR 40.1071(1)(b);
- > if Section B indicates that an Amendment to a Grant of Environmental Restriction is being registered and/or recorded, the Activity and Use Limitation that is the subject of this submittal (i) is being provided in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (ii) complies with 310 CMR 40.1080(1) and 40.1081(1);
- > if Section B indicates that a Release of Grant of Environmental Restriction is being registered and/or recorded, the Activity and Use Limitation that is the subject of this submittal (i) is being provided in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (ii) complies with 310 CMR 40.1083(3)(a).

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

- Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

SECTION C IS CONTINUED ON THE NEXT PAGE



ACTIVITY & USE LIMITATION (AUL) OPINION FORM

Pursuant to 310 CMR 40.1070 - 40.1084 (Subpart J)

Release Tracking Number

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C. LSP OPINION: (continued)

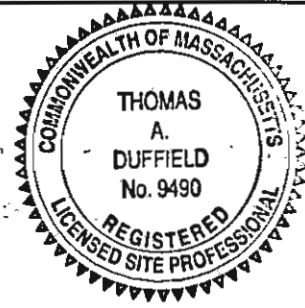
LSP Name: Thomas A. Duffield LSP #: 9490 Stamp:

Telephone: (603) 357 - 2445 Ext.: 223

FAX: (603) 357 - 8770

LSP Signature: *Thomas A. Duffield*

Date: 6/29/00



YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY FIND THE DOCUMENT TO BE INCOMPLETE.



RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

A. SITE LOCATION:

Site Name: Great Falls Discovery Center (Heritage State Park)
Street Avenue A & Second Street
City/Town: Turners Falls, MA
ZIP Code: 01376-0000

Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

Related Release Tracking Numbers That This RAM or URAM Addresses:

B. THIS FORM IS BEING USED TO: (check all that apply)

- Submit a RAM Plan (complete Sections A, B, C, D, E, F, J, K, L and M).
Submit a RAM Status Report (complete Sections A, B, C, E, J, K, L and M).
Submit a RAM Completion Statement (complete Sections A, B, C, D, E, G, J, K, L and M).
Confirm or Provide URAM Notification (complete Sections A, B, H, K, L and M).
Submit a URAM Status Report (complete Sections A, B, C, E, J, K, L and M).
Submit a URAM Completion Statement (complete Sections A, B, C, D, E, I, J, K, L and M).



You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. SITE CONDITIONS:

- Check here if the source of the Release or Threat of Release is known.
If yes, check all sources that apply: UST, Pipe/Hose/Line, AST, Drums, Transformer, Boat, Tanker Truck, Vehicle, Other: Coal ash from historic site use.
Identify Media and Receptors Affected: Air, Groundwater, Surface Water, Sediments, Soil, Wetlands, Storm Drain, Paved Surface, Private Well, Public Water Supply, Zone 2, Residence, School, Unknown, Other.

Identify Release and/or Threat of Release Conditions at Site: 2 and 72 Hour Reporting Condition(s), 120 Day Reporting Condition(s), Other Condition(s). Describe Site with active Waiver of Approvals.

RAMs may be conducted concurrently with an IRA only with written DEP approval
URAMs may not be conducted if any 2 or 72 Hour conditions exist at the site.

Identify Oils and Hazardous Materials Released: Oils, Chlorinated Solvents, Heavy Metals, Others: PAH compounds.

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
Excavation of Contaminated Soils
Re-use, Recycling or Treatment
Store
Deployment of Absorbant or Containment Materials
Temporary Covers or Caps
Bioremediation
Soil Vapor Extraction
Structure Venting System
Product or NAPL Recovery

SECTION D IS CONTINUED ON THE NEXT PAGE.



**RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

Landfill Cover Disposal Est. Vol.: _____ cubic yards Groundwater Treatment Systems

Removal of Drums, Tanks or Containers Air Sparging

Describe _____

Removal of Other Contaminated Media Temporary Water Supplies

Specify Type and Volume: _____

Other Response Actions Describe _____

Temporary Evacuation or Relocation of Residents

Fencing and Sign Posting

See 310 CMR 40.0442 for limitations on the scope and type of RAMs.
See 310 CMR 40.0464 for performance standards for URAMs.

Check here if this RAM or URAM involves the use of Innovative Technologies. DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse.

Describe Technologies: _____

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: _____

Town and State: NONE

Quantity of Remediation Waste Transported to _____

Date: _____

F. RAM PLAN:

Check here if this RAM Plan received previous oral approval from DEP as a continuation of a Limited Removal Action (LRA).

Date of Oral Approval: _____

If a RAM Compliance Fee is required, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. See 310 CMR 40.0444(2) to learn when a fee is not required.

Check here if the RAM Plan is proposed for a Transition Site. If this is the case, you may need to attach an LSP Evaluation Opinion prior to undertaking the RAM, if not previously provided. See 310 CMR 40.0600 for further information about Transition Sites.

G. RAM COMPLETION STATEMENT:

If a RAM Compliance Fee is required in connection with submission of the RAM Completion Statement, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. You owe this fee when submitting a RAM Completion Statement if you received oral approval of a RAM that continued an LRA, and have NOT previously submitted a RAM Plan and accompanying fee.

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement, you must submit a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the RAM Completion Statement.

H. URAM NOTIFICATION:

Identify Location Type: (check all that apply) Public Right of Way Utility Easement Private Property

Identify Utility Type: (check all that apply) Sanitary/Combined Sewerage Water Drainage Natural Gas

Telephone Steam Lines Telecommunications Electric Other Specify _____

Check here if you provided DEP with previous oral notification of this URAM. Date of Oral Notice: _____

Check here if the property owner was NOT contacted prior to initiation of the URAM. If this is the case, you must attach an explanation of why the owner was not contacted, including the date and time when contact ultimately occurred.

Check here if this URAM will occur in connection with the construction of new public utilities. If this is the case, document the nature and extent of encountered contamination, the scope and expense of necessary mitigation and the benefits and limitations of project alternatives.

With the exception stated below, the person undertaking the URAM must provide the name and license number of an LSP engaged or employed in connection with the URAM:

LSP Name: _____ LSP License Number: _____

LSP information is not required if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by a Hazardous Material or a mixture of a Hazardous Material and Oil.



RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

I. URAM COMPLETION STATEMENT:

Check here if this URAM was limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated by either a Hazardous Material or a mixture of a Hazardous Material and Oil.

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the URAM Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the URAM Completion Statement.

J. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a Release Abatement Measure Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Release Abatement Measure Status Report or a Utility-Related Abatement Measure Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Release Abatement Measure Completion Statement or a Utility-Related Abatement Measure Completion Statement is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

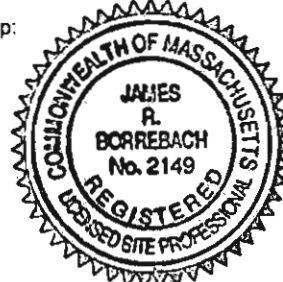
LSP Name: James R. Borrebach LSP #: 2149 Stamp:

Telephone: 617-982-5422 Ext.:

FAX: 617-982-5490 (optional)

Signature: *[Handwritten Signature]*

Date: 03/09/99



An LSP Opinion is not required for a Utility-Related Abatement Measure Notification.

An LSP Opinion is not required for a URAM Completion Statement if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by Hazardous Material or a mixture of Hazardous Material and Oil.

K. PERSON UNDERTAKING RAM OR URAM:

Name of Organization: Montague Economic Development & Industrial Corporation

Name of Contact: David Ziomek Title: Project Manager

Street: 38 Avenue A

City/Town: Turners Falls State: MA ZIP Code: 01376-0000

Telephone: 413-863-3221 Ext.: FAX: (optional)

Check here if there has been a change in person undertaking the RAM or URAM.



RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

L. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RAM or URAM: (check one)

- RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Undertaking RAM or URAM Specify Relationship: _____

M. CERTIFICATION OF PERSON UNDERTAKING RAM OR URAM:

I, Sara E. Campbell, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: *Sara E. Campbell* Title: Chairperson
(signature)

For Montague E.D.I.C. Date: 03/08/99
(print name of person or entity recorded in Section K)

Enter address of person providing certification, if different from address recorded in Section K:
Street: _____
City/Town: _____ State _____ ZIP Code: _____
Telephone: _____ Ext. _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.



RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

Release Tracking
Number

1 - 494

A. SITE LOCATION:

Site Name: Great Falls Discovery Center (Heritage State Park)
Street: Avenue A & Second Street
City/Town: Turners Falls, MA
ZIP Code: 01376-0000

Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

Related Release Tracking Numbers That This RAM or URAM Addresses:

B. THIS FORM IS BEING USED TO:

(check all that apply)

- Submit a RAM Plan
Submit a RAM Status Report
Submit a RAM Completion Statement
Confirm or Provide URAM Notification
Submit a URAM Status Report
Submit a URAM Completion Statement



You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. SITE CONDITIONS:

Check here if the source of the Release or Threat of Release is known.

If yes, check all sources that apply: UST, Pipe/Hose/Line, AST, Drums, Transformer, Boat

Tanker Truck, Vehicle, Other Specify: Coal ash from historic site use.

Identify Media and Receptors Affected: Air, Groundwater, Surface Water, Sediments, Soil, Wetlands, Storm Drain, Paved Surface, Private Well, Public Water Supply, Zone 2, Residence, School, Unknown, Other

Identify Release and/or Threat of Release Conditions at Site:

2 and 72 Hour Reporting Condition(s), 120 Day Reporting Condition(s), Other Condition(s)

Describe Site with active Waiver of Approvals

RAMs may be conducted concurrently with an IRA only with written DEP approval
URAMs may not be conducted if any 2 or 72 Hour conditions exist at the site.

Identify Oils and Hazardous Materials Released: Oils, Chlorinated Solvents, Heavy Metals, Others Specify: PAH compounds.

D. DESCRIPTION OF RESPONSE ACTIONS:

(check all that apply)

- Assessment and/or Monitoring Only
Excavation of Contaminated Soils
Re-use, Recycling or Treatment
Store
Deployment of Absorbant or Containment Materials
Temporary Covers or Caps
Bioremediation
Soil Vapor Extraction
Structure Venting System
Product or NAPL Recovery

SECTION D IS CONTINUED ON THE NEXT PAGE.



RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

- Landfill Cover Disposal Est. Vol.: _____ cubic yards
 - Removal of Drums, Tanks or Containers
Describe _____
 - Removal of Other Contaminated Media
Specify Type and Volume: _____
 - Other Response Actions Describe _____
 - Groundwater Treatment Systems
 - Air Sparging
 - Temporary Water Supplies
 - Temporary Evacuation or Relocation of Residents
 - Fencing and Sign Posting
- See 310 CMR 40.0442 for limitations on the scope and type of RAMs.
See 310 CMR 40.0464 for performance standards for URAMs.
- Check here if this RAM or URAM involves the use of Innovative Technologies. DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse.
Describe Technologies: _____

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: _____
 Town and State: NONE
 Quantity of Remediation Waste Transported to Date: _____

F. RAM PLAN:

- Check here if this RAM Plan received previous oral approval from DEP as a continuation of a Limited Removal Action (LRA).
Date of Oral Approval: _____
- If a RAM Compliance Fee is required, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. See 310 CMR 40.0444(2) to learn when a fee is not required.
- Check here if the RAM Plan is proposed for a Transition Site. If this is the case, you may need to attach an LSP Evaluation Opinion prior to undertaking the RAM, if not previously provided. See 310 CMR 40.0600 for further information about Transition Sites.

G. RAM COMPLETION STATEMENT:

- If a RAM Compliance Fee is required in connection with submission of the RAM Completion Statement, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. You owe this fee when submitting a RAM Completion Statement if you received oral approval of a RAM that continued an LRA, and have NOT previously submitted a RAM Plan and accompanying fee.
- If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement, you must submit a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the RAM Completion Statement.

H. URAM NOTIFICATION:

- Identify Location Type: (check all that apply) Public Right of Way Utility Easement Private Property
- Identify Utility Type: (check all that apply) Sanitary/Combined Sewerage Water Drainage Natural Gas
- Telephone Steam Lines Telecommunications Electric Other Specify _____
- Check here if you provided DEP with previous oral notification of this URAM. Date of Oral Notice: _____
 - Check here if the property owner was NOT contacted prior to initiation of the URAM. If this is the case, you must attach an explanation of why the owner was not contacted, including the date and time when contact ultimately occurred.
 - Check here if this URAM will occur in connection with the construction of new public utilities. If this is the case, document the nature and extent of encountered contamination, the scope and expense of necessary mitigation and the benefits and limitations of project alternatives.

With the exception stated below, the person undertaking the URAM must provide the name and license number of an LSP engaged or employed in connection with the URAM:

LSP Name: _____ LSP License Number: _____

LSP information is not required if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by a Hazardous Material or a mixture of a Hazardous Material and Oil.



RELEASE & UTILITY-RELATED ABATEMENT MEASURE (RAM & URAM) TRANSMITTAL FORM

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

I. URAM COMPLETION STATEMENT:

Check here if this URAM was limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated by either a Hazardous Material or a mixture of a Hazardous Material and Oil.

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the URAM Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the URAM Completion Statement.

J. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a Release Abatement Measure Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

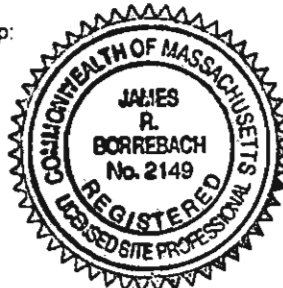
> if Section B of this form indicates that a Release Abatement Measure Status Report or a Utility-Related Abatement Measure Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a Release Abatement Measure Completion Statement or a Utility-Related Abatement Measure Completion Statement is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: James R. Borrebach LSP #: 2149 Stamp:
Telephone 617-982-5422 Ext.:
FAX: 617-982-5490
Signature: [Handwritten Signature]
Date: 03/09/99



An LSP Opinion is not required for a Utility-Related Abatement Measure Notification.

An LSP Opinion is not required for a URAM Completion Statement if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by Hazardous Material or a mixture of Hazardous Material and Oil.

K. PERSON UNDERTAKING RAM OR URAM:

Name of Organization: Montague Economic Development & Industrial Corporation
Name of Contact: David Ziomek Title: Project Manager
Street: 38 Avenue A
City/Town: Turners Falls State MA ZIP Code: 01376-0000
Telephone: 413-863-3221 Ext.: FAX: (optional)

Check here if there has been a change in person undertaking the RAM or URAM.



**RELEASE & UTILITY-RELATED ABATEMENT
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking
Number

1 - 494

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

L. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RAM or URAM: (check one)

- RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Undertaking RAM or URAM Specify Relationship: _____

M. CERTIFICATION OF PERSON UNDERTAKING RAM OR URAM:

I, Sara E. Campbell, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/ls aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: *Sara E. Campbell* Title: Chairperson
(signature)

For Montague E.D.I.C. Date: 03/08/99
(print name of person or entity recorded in Section K)

Enter address of person providing certification, if different from address recorded in Section K:
Street: _____
City/Town: _____ State _____ ZIP Code: _____
Telephone: _____ Ext. _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WESTERN REGIONAL OFFICE

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ARGEO PAUL CELLUCCI
Governor

TRUDY COXE
Secretary

DAVID B. STRUHS
Commissioner

NOV 12 1998

David Ziomek
Montague Economic Development and Industrial Corporation
38 Avenue A
Turners Falls, MA 01376

Re: Montague 1-0494
Great Falls Discovery Center
Avenue A and Second Street
MGL Ch. 21E

Release Abatement Measure Plan Approval

Dear Mr. Ziomek:

The Department of Environmental Protection, (the Department) received, on October 28, 1998, a revised Release Abatement Measure (RAM) Plan for the property (hereafter, the "site") located at Avenue A and Second Street in Turners Falls. The RAM Plan was prepared on your behalf by Coler and Colantonio, Inc. of South Deerfield, Massachusetts and approved by its Licensed Site Professional (LSP), James R. Borrebach.

As proposed in the RAM Plan, soil, contaminated with petroleum hydrocarbons and polynuclear aromatic hydrocarbons, will be excavated and reused during the construction of a parking lot on the northwest section of the site. The plan proposes to balance cut and fill so that no soil will be generated requiring off-site disposal. Following excavation and grading, the area will be paved with bituminous asphalt.

Coler and Colantonio anticipates that, following a Risk Characterization, an Activity and Use Limitation (AUL) will be placed on the area as part of a Response Action Outcome (RAO) Statement.

The Department approves the RAM Plan as proposed subject to the conditions listed below. Please notify the Department 48 hours prior to initiation of RAM activities at the site. You and/or your LSP should also notify the Department should any soil require off-site disposal.

1. A minimum of three (3) soil samples should be collected following excavation and grading of the area but prior to paving. These samples should be analyzed for semi-volatile organic compounds using EPA Method 8270.

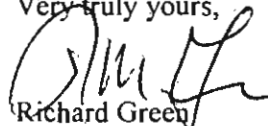
2. A "marker horizon" should be placed above the contaminated soil and below the bituminous asphalt. This marker should be a geotextile fabric, plastic, or similar material and be continuous over the entire area.

You should be aware that, pursuant to 310 CMR 40.0442(3): A cap that is constructed as a Release Abatement Measure will not be considered part of a Permanent Solution at a disposal site, unless and until a Phase III is performed pursuant to the provisions of 310 CMR 40.0850 demonstrating the lack of a feasible alternative.

Please note that additional submittals are necessary with respect to the approved RAM, including but not limited to a RAM completion statement. Approval from the local conservation commission may also be required.

If you have any questions regarding this matter, please contact Stephen Ball of this office.

Very truly yours,



Richard Green
Section Chief
Site Management/Permits
Bureau of Waste Site Cleanup

P:ram0494.doc

cc: Montague, Conservation Commission
Montague, Board of Health
Montague, Board of Selectmen
James Borrebach, Coler and Colantonio, Inc.



Montague
1-0494

DUPLICATE

MEDIC
38 Avenue A
Turners Falls, MA 01376

February 8, 1999

Alan Weiss
President
Cold Spring Environmental Consultants, Inc.
350 Old Enfield Road
Belchertown, MA 01007

Dear Alan:

Thank you very much for your prompt response to my inquiry regarding your qualifications and services and the proposal for DEP File Review dated 2/4/99. Please accept this letter as an authorization to proceed with the steps outlined in the proposal including review of all DEP site files and environmental site reports completed by other consultants. You are also authorized to enter the property to conduct any/all site related surveys and/or testing.

As we discussed on the phone today, I hope that we can quickly move through the site review stage and work to submit the Tier II Extension required by DEP.

I will deliver all site related files to you tomorrow in Amherst. Please call me if you have questions. Thank you again for your assistance and I look forward to working with you as we move forward with this process.

Sincerely,

Dave Ziomek
Project Manager

cc: Steven Ball, MA DEP

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COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WESTERN REGIONAL OFFICE

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

DAVID B. STRUHS
Commissioner

JAN 27 1999

Montague Economic Development and Industrial Corporation
38 Avenue A
Turners Falls, MA 01376

Attn: Mr. David Ziomek,
Project Manager

Re: Montague -
Great Falls Discovery Center
Avenue A and 2nd Street
RTN 1-00494
NON-WE-98-3A005
Failure to Submit a Waiver Completion
Statement or Tier II Extension Request

NOTICE OF NONCOMPLIANCE
M.G.L. c. 21E, 310 CMR 40.0000

**THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN
RESPONSE TO THIS NOTICE COULD RESULT IN
SERIOUS LEGAL CONSEQUENCES**

Dear Mr. Ziomek:

A review of records conducted by the Department of Environmental Protection (the Department) personnel demonstrates that you ("you" as used in this correspondence refers to the "Montague Economic Development and Industrial Corporation") are not in compliance with one or more laws, regulations, orders, licenses, permits, or approvals enforced by the Department. Be advised that the regulations that generally set forth the requirements, timelines and procedures for Nonpriority Disposal Sites with Waivers, are codified at Subpart F of the Massachusetts Contingency Plan (MCP), 310 CMR 40.0630.

Attached hereto is (1) a written description of noncompliance referred to above, (2) the requirements violated, (3) the action the Department now wants you to take, and (4) the deadline for taking such action.

Notwithstanding this Notice of Noncompliance, the Department reserves the right to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements, including, but not limited to, criminal prosecution, civil action including court-imposed civil penalties, or civil administrative penalties assessed by the Department.

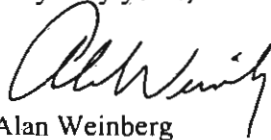
This information is available in alternate format by calling our ADA Coordinator at (617) 574-6872.

436 Dwight Street • Springfield, Massachusetts 01103 • FAX (413) 784-1149 • TDD (413) 746-6620 • Telephone (413) 784-1100

Printed on Recycled Paper

If you have any questions about this notice, or the requirements contained in it, please contact Edward Weagle at the letterhead address or by calling (413) 784-1100 x221.

Very truly yours,



Alan Weinberg
Deputy Regional Director
Bureau of Waste Site Cleanup

Certified Mail # Z 012 271 249
Return Receipt Requested

Attachment: Noncompliance Summary (1 page)

cc: Town of Montague, Board of Selectmen
Town of Montague, Board of Health
M. Pinaud, Enforcement Coordinator, BWSC Boston
Steve Ellis, WERO (2 copies)
Coler & Colantonio, Inc., 101 Accord Park Drive, Suite One, Norwell, MA 02061-1685,
Attn: Mr. James R. Borrebach, LSP-of-Record
DEP WERO Enforcement File

NONCOMPLIANCE SUMMARY

NON-WE:99-3A005

NAME OF ENTITY IN NONCOMPLIANCE:

Montague Economic Development and Industrial Corp., 38 Avenue A, Turners Falls, Massachusetts

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

Avenue A and 2nd Street, Turners Falls, Massachusetts

DATES WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

April 19, 1998

DESCRIPTION OF NONCOMPLIANCE AND OF THE REQUIREMENTS NOT COMPLIED WITH:

On June 29, 1988, the Department was notified, via the receipt of a Phase I report prepared by Almer Huntly, Jr. & Associates, Inc., of a release/threat of release of oil and/or hazardous material at the above-referenced location. In a letter dated February 26, 1993, the Department notified you of your ("your" or "you" refers to "Montague Economic Development and Industrial Corporation") potential responsibility to perform response actions as a result of the aforementioned release/threat of release. A Waiver Application was approved by the Department on February 26, 1993, was accepted by you on March 1, 1993, and became effective on April 20, 1993, for the above-mentioned site. In accordance with that acceptance and 310 CMR 40.0630, you had five (5) years from the original date of waiver acceptance to submit either a Waiver Completion Statement or a Tier II Extension submittal to the Department. The five-year deadline for such a submittal expired on April 19, 1998. To date, the Department has not received a Waiver Completion Statement or a Tier II Extension submittal.

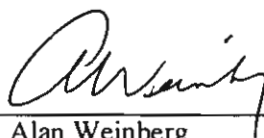
ACTIONS TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION:

Submittal to the Department of a Waiver Completion Statement or a Tier II Extension submittal, as required by 310 CMR 40.0630, within 30 days of receipt of this notice.

For the Department of Environmental Protection:

Date: JAN 27 1999

By: _____

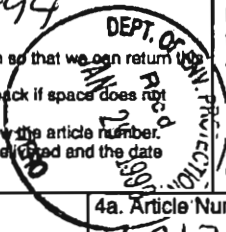


Alan Weinberg
Deputy Regional Director
Bureau of Waste Site Cleanup

Is your RETURN ADDRESS completed on the reverse side?

SENDER: ^{BWSC} Montague - 1-0494

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return the card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.



I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

MONTAGUE ECONOMIC DEVELOPMENT AND
 INDUSTRIAL CORPORATION
 38 AVENUE A
 TURNERS FALLS, MA 01376
 ATTN DAVID ZIOMEK

4a. Article Number

2012 271249

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD |

7. Date of Delivery

1-28

8. Addressee's Address (Only if requested and fee is paid)

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X Fran Plausky USFWS

Thank you for using Return Receipt Service.

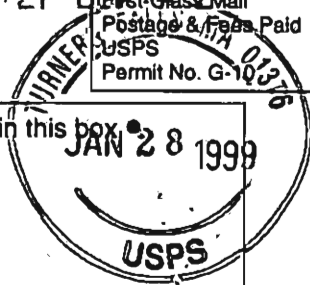
UNITED STATES POSTAL SERVICE

SPRINGFIELD MA 01103



18:27

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-1032



• Print your name, address, and ZIP Code in this box

**Commonwealth of Massachusetts
Department of Environmental Protection
436 Dwight Street - Fifth Floor
Springfield, MA 01103**

DWSC-MONTAGUE
Z 012 271 249

US Postal Service

Receipt for Certified Mail

1-0494

MONTAGUE ECONOMIC DEVELOPMENT AND
INDUSTRIAL CORPORATION
38 AVENUE A
TURNERS FALLS, MA 01376
ATTN DAVID ZIOMEK

Postage	\$ 33
Certified Fee	140
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	
Postmark or Date	

SPRINGFIELD MA 01107
APR 29 1995

PS Form 3800, April 1995

DEP PRA TECHNICAL SCREENING ALTERNATIVE FORM

SCANNED

Disclaimer: This checklist is for use by DEP in reviewing Preliminary Response Actions (PRA), and may not be relied upon for any other purpose. This checklist is not a comprehensive list of PRA requirements, which are fully set forth in MGL c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

Lead RTN: 1-00494

SUBMITTAL TYPE (Circle one)		Release Notification (circle one) 2-Hour / 72-Hour / 120-Day <u>Waiver Site</u>	Date PRA Rcvd <u>7/11/97</u> Date Smd <u>5/25/00</u>
IRA Plan Status Completion	URAM Letter of Intent Status Completion	OHM description: (Source, Type of OHM, Media Affected) <u>Coal Ash from Historical Sources, Soil</u>	Site Use: <u>Recreational Industrial</u>
RAM Plan Status Completion	LRA Soil amount _____		
Other:	Phase I	Default Tier IB Yes / (No) (No RAMs allowed) <u>Tier II</u>	
Related RTNs:	NRS (T-Class)		

Town: Mortagne Site Name: Heritage State Park

Address: Avenue A & Second St.

PRP/OP: Mortagne EDIC LSP Name: James Borzobach

Consultant: Cher & Antonino LSP No.: 2149

TECHNICAL SCREENING CHECKLIST

Condition	Yes	No	?	Page #
I. SITE CONCERNS (Based upon conditions at time of PRA submittal)				
A. Time Critical Conditions				
1. <input type="checkbox"/> Applicable GW-2 standard exceeded @ residence/school with no soil gas/indoor air sampling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. <input type="checkbox"/> Site contaminants impacting indoor air	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B. Drinking Water				
1. Site within potential drinking water source area (PDWSA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Site located within IWPA/mapped Zone II	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Private/Non- municipal public well(s) located within 500 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Municipal well(s) located within 1000 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. <input type="checkbox"/> Private well contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. <input type="checkbox"/> Public water supply contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C. Contaminated Soil				
1. Category S-3 Soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Category S-2 Soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Category S-1 Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D. Site and Area Use				
1. Industrial (no children likely to be present)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Commercial (limited presence of children)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. School/Institution	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Residential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E. Released OHM [Contaminant Type(s)]				
1. Petroleum Fuel Oils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Gasoline, lube oils, waste oils and other petroleum products	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Metals, coal tar, PCBs, pesticides/herbicides, asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Chlorinated Solvents or Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F. Environmental Concerns				
1. Site within 500 feet of surface water and/or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Endangered species habitat, ACEC and/or certified vernal pool within 500 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. <input type="checkbox"/> Confirmed contam. of surface water, sediments and/or wetlands with site contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G. Site Complexity				
1. Media other than groundwater or soil affected (surface water, air, sediment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Co-mingled plumes (i.e., different sources from one or more sites co-mingled)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Bedrock contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If <input type="checkbox"/> conditions currently exist, see supervisor to discuss.				

DEP BWS PRA TECHNICAL SCREENING AUDIT FORM

Disclaimer: This checklist is for use by DEP in reviewing Preliminary Response Actions (PRA), and may not be relied upon for any other purpose. This checklist is not a comprehensive list of PRA requirements, which are fully set forth in MGL c. 21E and 310 CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

II. TECHNICAL ADEQUACY	Citation(s)	Yes	No	NA	?	Page #
A. Release or Threat of Release Conditions – Indication That:						
1. Notification conditions have been properly identified	40.0332	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The appropriate media and receptors have been identified	40.0403	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Notification was made on or before the required notification time/date (2-hr/72-hr/120 day)	40.0404(1), 40.0300 – 40.0336	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. Description of Response Actions – Indication That:						
1. Response actions have been described fully	40.0400	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Special conditions, and/or interim deadlines have been met	40.0404(1), 40.0420(1), 40.0442(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Response actions taken were approved (if necessary)	40.0404(4), 40.0420(2), 40.0443(6), 40.0463(2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Response actions proposed or taken demonstrate the level of diligence necessary, consider relevant policies, methods or practices, or have been technically justified	40.0191, 40.0193	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Analytical or environmental monitoring data is scientifically valid and defensible, and of a level of precision and accuracy commensurate with its stated or intended use	40.0017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Remediation Waste – Indication That:						
1. Remediation waste has been managed appropriately	40.0030	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Bill of Lading/Manifest is correct/complete	40.0034	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
III. Preliminary Response Action Type						
A. Immediate Response Actions (required for 272-hr release) – Indication That:						
1. Submittal deadlines have been met (Plan within 60 days, Status Report within 120 days and every 6 months from approval or receipt of Plan, Completion Report within 60 days following completion of IRA activities)	40.0404(2), 40.442(3), 40.0425(1)(2), 40.0427(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. The IRA Plan/Status Report/Completion Report is adequate/complete	40.0424, 40.0425, 40.0427	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Release/threat of release has been adequately assessed or additional assessment is planned	40.0405, 40.0414(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. An Imminent Hazard condition has been assessed	40.0426, 40.0427(1)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. A condition of Substantial Release Migration likely exists and has been assessed	40.0422, 40.0413	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Critical Exposure Pathway has been eliminated and/or mitigated	40.0006, 40.0414(3)&(4), 40.0427(1)(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Ph III completed when cap/engineered barrier was proposed or constructed as part of a Permanent Solution	40.0414(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Excavation and stockpiling of <100 cyds (cum.) UST-related oil- or waste oil-contaminated soil	40.0421(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B. Release Abatement Measures – Indication That:						
1. Submittal deadlines have been met (Plan within 60 days, Status Report within 120 days and every 6 months from approval or receipt of Plan, Completion Report within 60 days following completion of RAM activities)	40.0404(2) 40.0443(1)&(5), 40.0445(1), 40.0446(1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The RAM Plan/Status Report/Completion Report is adequate/complete	40.0444, 40.0445, 40.0446	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. An IRA condition does not exist	40.0441(3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Off-site disposal of up to 500 cubic yards (cumulative) of OHM-contaminated soil	40.0442(2)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. On or off-site treatment, recycling, or reuse of up to 1500 cubic yards (cumulative) of OHM-contaminated soil	40.0442(2)(b)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Excavation of >1500 cyds (cum.) OHM-contaminated soil with certification of sufficient financial resources	40.0442(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Ph III completed when cap/engineered barrier was proposed or constructed as part of a Permanent Solution	40.0442(3), 40.0996(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C. Utility-related Abatement Measures – Indication That:						
1. During emergency repair, notification provided within 72-hours of conducting URAM	40.0462(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Submittal deadlines have been met (Letter of Intent within 7 days, Status Report within 120 days and every 6 months from notification, Completion Report within 60 days following completion of URAM activities)	40.0404(2), 40.0462, 40.0465(1), 40.0466(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. A 2-hour or 72-hour reporting condition does not likely exist	40.0461(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Excavation of <100 cyds (cum) oil- or waste oil-contaminated soil (LSP not required)	40.0462(4)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Excavation of <20 cyds (cum.) haz. mat.-contaminated soil or mixed oil/haz mat soil (LSP not required)	40.0462(4)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Temporary relocation of soil is returned to site or otherwise managed within 14 days	40.0462(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Reasonable attempt made to notify property owner, except during non-business-hour emergency repairs	40.462(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

SCANNED
#1-0494 (SB)

ALMER HUNTLEY, JR. & ASSOCIATES, INC.

SURVEYORS - ENGINEERS - LANDSCAPE ARCHITECTS
30 INDUSTRIAL DRIVE EAST / P.O. Box 568 / NORTHAMPTON, MASS. 01061
(413) 584-7444 FAX (413) 586-9159

ALMER HUNTLEY, JR., PE., PLS

DOUGLAS W. THOMPSON, PLS
WILLIAM R. GARRITY, LA
JOHN G. RAYMOND, PE
PAUL R. LUSSIER, PLS

#250-072-21

April 18, 1991

RECEIVED

APR 19 1991

Western Region
Department of Environmental
Protection

Commonwealth of Massachusetts
Dept. of Environmental Protection
Western Regional Office
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, Massachusetts 01103

Attn: Mr. Steve Ball

RE: Heritage State Park, Montague
Case #1-0494

Dear Mr. Ball:

Don Frydryk gave me his notes from a telephone conversation on April 5, 1991 in which you had several questions regarding our Phase I Report and the Site Classification Form. I hope the following provides sufficient information.

Sample Identification Tables A and B

Sample number suffix letters, such as A in B-15A, indicated the depth at which the sample was taken. This is explained in Appendix E, but is partially obscured by the binding punches. The suffix A, or no suffix, designates a sample depth of 0 - 2' in the numerically designated boring. Suffix B depth varies as follows: B-13B (6' - 8'), B-14B (12' - 13.5'), B-15B (6' - 8'), B-23B (8' - 9'); for suffix C, B-13C (12' - 14'). Sample CB 1/2 is a composite of samples from B-1 and B-2 taken at a depth of 0 - 2'.

The Last Paragraph on Page 20

Since we no longer have a linguistics engineer on our staff for clarification, I should like to restate this paragraph as follows:

"Review of data available to date indicate that present underground fuel storage facilities are not likely to be a significant potential threat to site contamination."

I have reviewed the Site Classification Form previously submitted to the Department and find that I inadvertently checked the wrong box for Item 7. The proper response is NOT MGT. A corrected copy of this page is enclosed. Please substitute it for the one you have.

Please let me know if you have other questions or need additional information.

Very truly yours,

ALMER HUNTLEY, JR. & ASSOCIATES, INC.



Thomas S. Green, P.E.
Manager, Environmental Engineering Dept.

TSG:kmc
Enclosure

cc: Mr. Gary Briere (with enclosure)

ship please
to ↓

The Commonwealth of Massachusetts
Dept. of Environmental Protection
Bureau of Waste Site Cleanup
Site Support Section
Western Regional Office
436 Dwight Street
Springfield, Massachusetts 01103

Attn: Mr. ~~Alan Weinberg~~
Steve Ball

ALMER HUNTLEY, JR. & ASSOCIATES, INC.

SURVEYORS - ENGINEERS - LANDSCAPE ARCHITECTS
30 INDUSTRIAL DRIVE EAST / P.O. Box 568 / NORTHAMPTON, MASS. 01061
(413) 584-7444 FAX (413) 586-9159

ALMER HUNTLEY, JR., PE., PLS

DOUGLAS W. THOMPSON, PLS
WILLIAM R. GARRITY, LA
STEPHEN J. DEMSKI, PE
PAUL R. LUSSIER, PLS

250-072-21

June 11, 1990

RECEIVED

APR 04 1991

DEP
Western Region

The Commonwealth of Massachusetts
Dept. of Environmental Protection
Bureau of Waste Site Cleanup
Site Support Section
Western Regional Office
436 Dwight Street
Springfield, Massachusetts 01103

Attn: Mr. Alan Weinberg

RE: Montague - Case #1-494-88303
Heritage State Park
Avenue A, Bridge Street,
First and Second Streets

Dear Mr. Weinberg:

Enclosed are a Preliminary Assessment Form and an Interim Site Classification Form requested by the Department. I believe the previously submitted report entitled M. G.L. Chapter 21-E Site Investigation Report, proposed Turners Falls Heritage State Park, Bridge, First and Second Streets, Montague, Massachusetts, Phase I, June 23, 1988 substantially fills the requirements of a Phase I-Limited Site Investigation Report.

The Montague Economic Development and Industrial Corporation (MEDIC) is ready to proceed with the construction of the first phase of their Heritage Park. This first phase takes place on what is now the site of a Cumberland Farms Convenience Store, Escott's Gas Station and garage and First Street. The proposed work includes the removal of essentially everything within the limits of work as shown on the attached copy of the Site Preparation Plan.

The Proposed improvements to the site include grading, sidewalks, fences, planters, lawn, plantings, underground irrigation and electrical systems. A bandstand and sewer line to service a future building may be included. See attached copies of Grading and Irrigation Plan and Layout and Planting Plan.

Huntley's 1988 Phase I Report identified the Escott parcel as being contaminated with oil and hazardous materials. This finding was based on laboratory analysis of composite samples taken from borings B-3, B-4, B-7, B-8, B-9 and B-10. These borings were very shallow having met refusal at from two to five feet.

On May 16, 1990, we resampled close to the original borings which originally showed the highest concentrations of PNA's. These are designated B-3A, B-4A, B-8A and B-9A. Our purpose was to verify the 1988 findings, to check for stratification of PNA, and to see if we could visually identify a problem area. Samples were taken, where feasible, at 0-12", 12"-24" and 24"-36". A copy of the analytical results are attached. This testing indicates that contamination is primarily contained in the top two foot soil layer. Also, the top 6" of B-8A and B-9A visually appeared to have been heavily coated with a black oily substance.

Based on the sampling to date, the site history and layout of the service station/garage, I believe the high PNA levels in the soil are a direct result of a long early practice of applying waste oil to the high traffic areas of the site from around 1940 when it was built until pavement was first installed. To substantiate this theory and define the limits of contaminated soil, we took samples from the upper 12 inches at 20 additional locations on June 7, 1990. The resulting analysis should be available on June 15th. The additional samples are designated B-8E, B-8G, B-9D, 26, 27, 29-37 and 39-43 and are shown on the attached revised Huntley Site Location Plan, M.G.L. 21-E Site Assessment.

None of the samples from borings on the Cumberland Farms Site showed any evidence of contamination. This is to be expected, as the facility is relatively new and it has probably been completely covered by building or pavement from the beginning. This site was previously occupied by a hotel.

The MEDIC wishes to complete construction of the park on these two parcels this summer and wishes to give priority to this portion of the overall site.

A letter report covering the removal of the Escott tanks is enclosed. Contaminated soil removal from the excavation is stockpiled on the site.

Let me know if you have any questions or need additional information.

Very truly yours,

ALMER HUNTLEY, JR., & ASSOCIATES

Thomas S. Green P.E.
Environmental Engineering Department

TSG/jbc

Enclosure

cc: Gary Briere, MEDIC

1-0494

**MONTAGUE ECONOMIC DEVELOPMENT AND INDUSTRIAL
CORPORATION**

ONE AVENUE A * TURNERS FALLS, MASS. 01376 * (413) 863-8529

March 22, 1991

Mr. Steven Ball
Department of Environmental Protection
436 Dwight St.
Springfield, Mass. 01103

RECEIVED
MAR 26 1991
D E P
Western Region

Dear Mr. Ball;

I am writing to formally respond to the questions you raised concerning the Heritage Park site in Turners Falls. In our March 4, 1991 conversation you asked about: property ownership, a metal pipe at the corner of the Pioneer Litho building on Second St., and a metal plate which appeared to be a vault door near the WMECO canal.

1. I understand that on March 20, 1990, Almer Huntley & Assoc. sent to DEP an updated survey of the Heritage Park property. Two additional notes regarding that plan. Parcel 5, in the northeast corner of the property was donated by the Town of Montague to the MEDIC on May 4, 1985. The May 1991 Town Meeting includes two warrant articles which transfer First St. and the alley between parcels 2 and 3 from Town ownership to the MEDIC.

2. I have inquired with both the previous owner and the Montague Fire Department about the pipe near the Pioneer Litho building. Neither of them nor the MEDIC has record of or is aware of any underground tanks which would explain a vent stack in that location. The Fire Chief speculated that the pipe may be an abandoned electrical conduit. The MEDIC will use utmost caution in examining that area during demolition to determine the purpose of that pipe.

3. The Western Mass. Electric Company has removed the large wooden ties which partially covered the metal "door" at the northern end of the property. The "door" or plate did not cover any vault or structure. It was merely lying on the ground along with a variety of other materials (dam gates, wooden ties) which WMECO was storing on the site. Many of these materials have been removed and the site is available for your inspection if you wish.

I hope this letter and the map sent previously will answer your remaining questions. If there is anything more that I can do to help in your review, please feel free to contact me. I look forward to receiving the waiver authorization in the near future.

Sincerely,


Gary M. Briere
Project Manager



DANIEL S. GREENBAUM
Commissioner

JOHN J. HIGGINS
Regional Director

SCANNED
The Commonwealth of Massachusetts

*Executive Office of Environmental Affairs
Department of Environmental Quality Engineering
Western Region*

486 Dwight Street, Springfield, Mass. 01108

413-784-1100

November 21, 1990

Mr. Gary Briere
Montague Economic Development
and Industrial Corporation
Town Hall
One Avenue A
Turner's Falls, MA 01376

Re: Heritage State Park
Montague
Case # 1-0494

Dear Mr. Briere:

The Department of Environmental Protection has received a revised short-term measure (STM) proposal for the excavation and removal of contaminated soil at the above-referenced site. The request was submitted on your behalf by Almer, Huntley, Jr., & Associates of Northampton, Massachusetts.


The STM request proposes to excavate and remove soil containing evidence of coal and coal by-products in the Phase I construction area, which includes the Escott's Garage and Cumberland Farms parcels. According to the proposal, it is anticipated that approximately 1,000 to 1,200 cubic yards of soil will be excavated and transported off-site and that the remaining soils will be covered with 24 inches of clean soil. It has been proposed that the facility to which the soil will be transported is D.B. Enterprises, Inc. of Wendell, Massachusetts. Bills-of-lading for transport to a soil disposal facility approved by the Department must be completed and signed by the Department prior to the commencement of soil excavation activities at the site to insure that soil can be removed immediately upon excavation and that no stockpiling will be necessary.

To date, bills-of-lading for transport to an appropriate disposal facility have not been completed and submitted to the Department as previously requested. When the bills-of-lading have been submitted to, and approved by, the Department, approval will be given for completion of the short-term measure as proposed and amended.

Heritage -- Page 2

If you have any questions regarding the contents of this letter, please contact Gail Batchelder or Alan Weinberg of this office.

Very Truly Yours,


Stephen F. Joyce
Regional Engineer
Bureau of Waste Site Cleanup

SFJ:GLB:glb
WP:hpstm.rev

cc: Thomas Green, Almer, Huntley, and Associates, Inc.
Montague Board of Health
Montague Board of Selectmen

1-0494-90879 CANNED

ALMER HUNTLEY, JR. & ASSOCIATES, INC.

SURVEYORS - ENGINEERS - LANDSCAPE ARCHITECTS
30 INDUSTRIAL DRIVE EAST / P.O. Box 568 / NORTHAMPTON, MASS. 01061
(413) 584-7444 FAX (413) 586-9159

ALMER HUNTLEY, JR., PE., PLS

DOUGLAS W. THOMPSON, PLS
WILLIAM R. GARRITY, LA
JOHN G. RAYMOND, PE
PAUL R. LUSSIER, PLS
#250-072-21

October 3, 1990

Commonwealth of Massachusetts
Dept. of Environmental Protection
Western Regional Office
Bureau of Waste Site Cleanup
Site Support Section
436 Dwight Street
Springfield, Massachusetts 01103

Attn: Mr. Alan Weinberg

RECEIVED
OCT 05 1990

Western Region
Department of Environmental
Protection

RE: Heritage State Park, Montague
Case #1-0494

Dear Mr. Weinberg:

Enclosed is a revised copy of our "Short-Term Measures" plan for the above-referenced project. This copy addresses the issues raised by the Department in a letter from Stephen F. Joyce dated September 18, 1990. The following is a summary of the revisions.

1. The specific area where contaminated soil is to be excavated has been delineated on the plan sheet by shading and is bounded by the northerly and easterly Phase I limits, on the westerly side by the Avenue A westerly curb line, and on the southerly side by the projection of a line passing through a retaining wall separating the Escotts and Cumberland Farms properties. The total volume of soil to be excavated and transported off-site is estimated to be 1,000 to 1,200 cubic yards, depending on the presence of ledge.
2. The intent is to remove all excavated soil from the site, including that from utility trenches.
3. The accepting facility for demolition debris, asphalt pavement and excavated soil is D.B. Enterprises, Inc., Mormon Hollow Road, Wendell, MA 01379. A copy of a letter from the disposal facility agreeing to accept the material is attached to the STM. All excavated asphalt and soil will be transported under bills-of-lading. Copies of completed bills-of-lading will be submitted to the Department.
4. Contaminated soils within the designated area will be removed to a depth that will provide 24 inches of cover over remaining soils.

Short-term measures (STM) are requested for the Phase I area only. Since the rest of the site will remain untouched, has little if any surficial contamination, and is not subject to erosion, no imminent hazard exists at this time.

If you have any questions or need additional information, please let me know.

Very truly yours,

ALMER HUNTLEY, JR. & ASSOCIATES, INC.



Thomas S. Green, P.E.
Manager, Environmental Engineering Dept.

TSG:kmc
Enclosure

cc: Mr. Gary Briere, MEDIC
Montague Board of Selectmen
Montague Board of Health



DANIEL S. GREENBAUM
Commissioner

JOHN J. HIGGINS
Regional Director

The Commonwealth of Massachusetts

Executive Office of Environmental Affairs

Department of Environmental Quality Engineering

Western Region

436 Dwight Street, Springfield, Mass. 01103

413-784-1100

September 18, 1990

Mr. Gary Briere
Montague Economic Development
and Industrial Corporation
Town Hall
One Avenue A
Turner's Falls, MA 01376

Re: Heritage State Park
Montague
Case # 1-0494

Dear Mr. Briere:

The Department of Environmental Protection has received a short-term measure (STM) proposal for the excavation and removal of contaminated soil at the above-referenced site. The request was submitted on your behalf by Almer, Huntley, Jr., & Associates of Northampton, Massachusetts.

The STM request proposes to excavate and remove soil contaminated with PAH's in the Phase I construction area, which includes the Escott's Garage and Cumberland Farms parcels. Although no detailed description of areas where excavation will take place and depths to which the excavation will extend has been presented in the text of the proposal, the proposal states that soil will be excavated to a depth sufficient to reach 18" below finished grade. No calculations as to the total volume of soil removal anticipated were included in the proposal. Nor is it clear whether all soil removed excavated within the Phase I construction area boundaries, including that removed during sewer construction, will be removed from the site to an acceptable disposal facility. Nowhere in the proposal does it state where disposal of the excavated soil will take place.

Before the proposed STM can be approved, the following issues must be satisfactorily addressed, and the required information must be submitted to the Department:

- the specific areas where contaminated soil is to be excavated must be clearly delineated, and the total volume of soil that is to be excavated and transported off-site must be calculated,

HPSTM - Page 2

-- it is not clear whether all excavated soil will be removed from the site, including that from the utility trenches,

-- appropriate approvals must be obtained from the accepting facility, and completed bills-of-lading must be submitted to the Department,

-- as discussed at the meeting on June 21, 1990, the contaminated soil left in place should be covered with at least two feet of clean soil to the extent feasible, not 18 inches as stated in the proposal. If this is not feasible, it should be explained why not. Areas not to be covered with two feet of soil should be delineated on the original plan.

Approvals granted relative to the STM request will only apply to those areas within the Phase I construction area. Other areas of concern and need for short-term measures is questionable due to the possibility that no imminent hazard may exist at this time. Posted signs are not sufficient for an STM if it is believed that an imminent hazard exists.

If you have any questions regarding the contents of this letter, please contact Gail Batchelder or Alan Weinberg of this office.

Very Truly Yours,



Stephen F. Joyce
Regional Engineer
Bureau of Waste Site Cleanup

SFJ:GLB:glb

WP:hpstm.rev

cc: Thomas Green, Almer, Huntley, and Associates, Inc.
Montague Board of Health
Montague Board of Selectmen



The Commonwealth of Massachusetts

Executive Office of Environmental Affairs

Department of Environmental Quality Engineering

Western Region

486 Dwight Street, Springfield, Mass. 01103

413-784-1100

DANIEL S. GREENBAUM
Commissioner

JOHN J. HIGGINS
Regional Director

MAY 5 1989

Mr. Gay N. James, Project Manager
Turners Falls Heritage State Park
Montague Economic Development and
Industrial Corporation
One Avenue A
Turners Falls, MA 01376

Re: Montague - Case #1-494-88303
Heritage State Park
Bridge, First & Second Streets

Re: Acknowledgment of Property
Investigation Report Submittal
Dated 6-23-88 and
Request for Further Assessment

Dear Sir/Madam:

The Department has received a written report from you concerning environmental conditions at the above referenced property.

If you are a potentially responsible party as described in section 5(a) of MGL Ch. 21E, you are also responsible for ensuring that appropriate assessment and remedial action, if necessary, is undertaken at this property. These and other responsibilities and liabilities are described in MGL Ch. 21E (copy enclosed) and in 310 CMR 40.000 (the Massachusetts Contingency Plan), a copy of which can be obtained at the Secretary of State Bookstore Offices in Springfield or Boston.

As of October 3, 1988, assessment and remediation activities required by MGL Ch. 21E at potential or confirmed disposal sites must be accomplished in accordance with the provisions of the MCP. You should obtain professional legal assistance if you have any questions about your responsibilities or liabilities under MGL Ch. 21E and the Massachusetts Contingency Plan (MCP).

The Department has determined, pursuant to 310 CMR 40.520-522, that the above referenced property should be placed on the list of locations to be investigated (LTBI), which is updated and published quarterly by the Department. The MCP requires that certain phased remedial response activities be performed at LTBI's in order to ensure comprehensive and consistent assessment of disposal sites. Initial phases (completion of Preliminary Assessment and Phase I - Limited Investigation) evaluate whether or not a location is a disposal site and whether further remedial response action is necessary.

Please be advised that you and your consultant may proceed without further Department oversight and approval with respect to completion of a Preliminary Assessment (310 CMR 40.541), Phase I Report (310 CMR 40.543), and Interim Site Classification (310 CMR 40.544); however, submittal to the Department of completed Preliminary Assessment Forms and Phase I Reports is required. The Department must also approve any Short Term Measures (310 CMR 40.542), site classification determination (310 CMR 40.544), and all work in Phases II through IV (310 CMR 40.545-548), unless a waiver application, pursuant to 310 CMR 40.537, is approved for Phases II-IV.

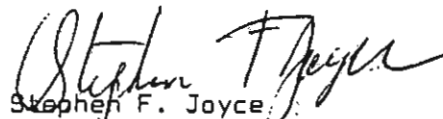
Guidance for the preparation of assessments and reports is enclosed. Reports which fail to provide sufficient information to fully assess the problem, or to allow for sound decisions concerning the need for further assessment or remedial action will delay the Department's review. Deficiencies often include a lack of validated data, expert professional interpretation of data or recommendations for further action. We suggest that you examine your report in light of the enclosed guidelines and requirements of the MCP to determine whether there are additional steps which you should undertake to expand your report.

You must submit a completed Preliminary Assessment Form, a Phase I-Limited Site Investigation Report, an Interim Site Classification Form, and a Phase II Scope of Work, if needed, to the Department within ninety (90) days of the date of this letter.

Further review and/or investigation by the Department of this site, including review of reports and data submitted will depend on the availability of staff and the relative degree of hazard at the site to public health, safety, and the environment. You should be aware that this site may be eligible for a waiver of subsequent approvals required in the MCP if, after completion of Phase I activities, the Department determines that the site is not a priority site. For information about the waiver, please refer to the enclosed fact sheet.

All correspondence and reports should reference the DEQE Case No. identified in the heading of this letter.

Very truly yours,



Stephen F. Joyce
Deputy Regional Environmental Engineer
Western Region

AW:bmz

HW95:james

cc: Almer Huntley Jr. & Associates, Inc., P.O. Box 568, 30 Industrial Drive
East, Northampton, MA 01061

- Enclosures:
1. MGL Ch. 21E
 2. Guidelines for Property Investigations
 3. Guidelines for Phase I Reports
 4. Minimum Standards for Data Submittal
 5. Preliminary Assessment Form with Supplemental Instructions
 6. Interim Site Classification Form
 7. Waiver Fact Sheet

SITE DISCOVERY - ASSESSMENT DATA SHEET
Western Region

Site Name: HERITAGE STATE PARK

Site I.D. 1-494-88303

Town: MONTAGUE

Address: BRIDGE, FIRST & SECOND STS.

Owner: EDWIN A FILLESPIE JR.

Operator:

Other PRP: GARY M JAMES HERITAGE STATE PARK PROJECT MGR.

Consultant(s): ALMER HUNTLEY JR & ASSOCIATES INC.

Attorney:

Site Discovery Source/Date: unsolicited report
6/28/88 referral
complaint
other

PA Submitted: NO Date Received:

Phase 1 Submitted: NO Date Received:

Site Classification Form Submitted: NO

Other Studies/Reports Submitted: NOT Submitted (August 14, 1986)
BAY STATE ENVIRONMENTAL CONSULTANTS

Disposition: 1. not a site
2. potential site (need PA/Phase 1)
3. site, no action
4. site, further action needed

Priority for Further Review: (low, medium, high)

Acknowledgement (Receipt of Report) Letter Sent: NO

BECAUSE OF HIGH CONC. OF
PNAH & possibility for
construction at site

NOR Sent: NO

Request for PA/P1/Site Classification Sent: NO

Other Letter (RFI, Deficiency) Sent: *NO*

Consultant Conclusions/Recommendations: *NO Release*
IF DISTURBED IMMEDIATE RELEASE
WOULD OCCUR
Evidence of Release: *NO Imminent Threat*
NO Remedial Action
for S to

Tank Leak *NO*
Medium *(soil)* groundwater, etc)
Floating Product *NO*
Source Identified *NO*

oil SURFACE
677 ppm
868 ppm
haz. mat.

PNA #
FLUORANTHENE
BENZO(E) ANTHRACENE
BENZO(A) PYRENE
BENZO(B) FLUORANTHENE
CHRYSENE
ANTHRACENE
PHENANTHRENE
PYRENE

Receptors: *SOIL*

Sensitive Areas: *NO*

Exposure Routes: *SOIL + AIR EMISSIONS*

Imminent Hazard: *NO*

Immediate Remedial Actions Needed or Taken: *NO*

Present Property Use:

Past Property Use: *BLACKSMITH - JUNKYARD - LITHO Co. - HOTEL - Seaside Station*
VACANT lot - with possible buried treasure - Maclean Shop
Foundry

No. of Acres: *NOT INCLUDED*

Depth to Water Table: *NOT ENCOUNTERED*

Depth to Bedrock/Till: *1 -> 3 -> 25' uncertain depth*

Thickness of Saturated Zone: *0*

Aquifer Potential: *0*

Distance to Public Water Supply: *NO*

Distance to Wetlands/Surface Water: *off River Power Canal Borders*

Private Wells within 1/4 mile: *NO*

Bedrock Characteristics: *close to Surface SANDSTONE*

No. of Well Sampling Locations: *26*

No. of Wells: *0*

Type of Wells: *NO*

WELL REFUSALS
NO GW WELLS

Surface Water Sampling Points: *NO*

No GW *Auger Refusal*
Bed Rock / Sandstone

SW/GW Monitoring Parameters:

Soil Sampling Points *(26)* *8240*
8250

Sample Rounds: *1*

Significant SW/GW Soil Contaminant Concentrations Found:

OIL + GREASE	ppb	
	PNAH B&A	
699 ppm	11,600	21,000
868 ppm	7600	15000
	5000	21000
	11,500	38000
	6000	23000
	3200	
	2700	1700
	9200	6750
	900	1700
		10000
		22000

Other Sampling Methods/Results: *8240 Soil*
8250
8080

Preliminary Priority Rating: (priority/non-priority)

1. Direct Contact with OHM *NO*
2. Migrating/Free Floating OHM *NO*
3. Groundwater Contamination near Water Supply/Zone II *NO*
4. Surface Water Release Upstream/Upgradient of Water Supply *NO*
5. Surface/Groundwater Contamination Exceeds Aquatic/Human W.Q. Criteria *NO*
6. Fire/Explosion Threat *NO*
7. Air Emissions *YES POSSIBLE IF SOIL IS DISTURBED*
8. Human Food Chain Affected *NO AS (BUILDING ON IT)*
9. Significant Other Risk *NO*

Date Prepared *03/08/89*
Staff *[Signature]*

5 (5000 gal goose-neck tanks) - which have not been tested
3 (20 yr old 4000 gal tanks)
Should try to install some wells especially in areas where tanks are located



8 25 '03

**Town of Montague and Great Falls
Discovery Center Parking**

10000 Montague Road
Montague, MA 01454
Tel: 413-238-1234
Fax: 413-238-1235
www.montagemass.gov

8 25 '03



8 25 '08



8 25 '03



8 25 '03



8 25 '03



8 25 '03



8 25 '03



8 25 '03





8 25 '03



8 25 '03



8 25 '03



8 25 '03

M-375-1-66-1160
September 22, 2004

Mr. David Ziomek, Project Manager
Great Falls Discovery Center
38 Avenue A
Turners Falls, MA 01376



Re: Notice of Audit Findings
RTN 1-00494

Dear Mr. Ziomek:

In accordance with our proposal of March 19, 2004, Tighe & Bond has completed its review of the Activity and Use Limitation (AUL) and Response Action Outcome (RAO) report prepared for your office by Clough Harbors Associates (CHA) and submitted to the Massachusetts Department of Environmental Protection (DEP) on June 30, 2000. As you know, the RAO report prepared by CHA was the subject of an Audit by DEP for which a Notice of Audit Findings (NOAF) was issued on December 24, 2003. A copy of the NOAF is included in Appendix A. The NOAF identified a number of deficiencies in the RAO and AUL required the following actions to be completed:

- 1) Submittal of a Tier II Extension request;
- 2) Termination of the AUL at the Registry of Deeds;
- 3) Preparation and submittal of a Post-Audit Completion Statement;
- 4) Submittal of a schedule for submitting a Phase II Report and a revised risk characterization; and,
- 5) Submittal of a schedule for achieving an RAO at the site.

Item number 1 above was completed by Tighe & Bond and submitted to DEP on your behalf on July 9, 2004. A copy of the Tier II Extension Request is included in Appendix B. Draft AUL termination documents were prepared by Tighe & Bond and submitted to your office by fax for your review on June 23, 2004. The AUL termination documents were subsequently recorded at the Franklin County Registry of Deeds on September 17, 2004. Certified registry copies of those documents are included in Appendix C with DEP transmittal form BWSC-113.

In accordance with the public notification procedures of the MCP (310 CMR 40.1403), public notification of submittal of the AUL Termination has been made in the form of a letter, with a copy of the AUL Termination attached, to Montague public officials (Selectboard, Board of

Health, Zoning and Building Departments) and publication of a legal notice in the *Greenfield Recorder*. Copies of the notification letter and legal notice are also included in Appendix C. A copy of the marginal references for the AUL Termination is also included in Appendix C. Please note, according to Franklin County Registry of Deeds personnel, marginal references can only be confirmed electronically because the registries are no longer physically noting the references on the original deeds. Therefore, documentation of the marginal references is now provided in the form of a paper receipt, downloaded from the registry web page.

Tighe & Bond has completed a Post Audit Completion Statement, form BWSC -111, and has included the original form and a copy of the form in Appendix D. The original form should be signed and forwarded to DEP along with a copy of this report.

With respect to items 4 and 5 above, Tighe & Bond has conducted a thorough review of the CHA reports and other documentation provided to us by your office with regard to previous MCP activities conducted on your property. The purpose of this review was to determine the degree to which CHA characterized the current site conditions through its soil sampling and analysis program, to determine the location of collected soil samples and to determine the adequacy of the existing data to calculate site contaminant exposure point concentrations (EPCs) and conduct a Risk Characterization for the site.

Based on our review of the data and the CHA reports, we have developed preliminary exposure point concentrations for two separate areas of the Great Falls Discovery Center (Great Falls) property. Tables 1 and 2 in Appendix E present these data. These two areas consist of the area previously designated as the AUL area by CHA and the remainder of the Great Falls property. We have called these "preliminary" EPCs because the number of data points, particularly with respect to the AUL area, is insufficient to properly evaluate risk. Specifically, useable data points within the AUL area are limited to just four (4) sample point locations: CHA2-S1, CHA2-S2, CHA8-S1 and CHA17-S1. With this limited set of data points, it appears that EPCs within the AUL area for four PAH compounds (benzo (a) anthracene, benzo (b) anthracene, benzo (a) pyrene and indeno (1,2,3-cd) pyrene) exceed MCP cleanup standards. We suspect that this may have been the rationale for applying an AUL to the area. However, we note that the reported concentrations for these PAH compounds are consistent with the levels typically seen on sites with coal ash (an MCP exempt substance) deposition and note that none of the previous consultants who conducted assessment work on this site collected samples for coal ash analysis. Tighe & Bond's experience in evaluating other sites in close proximity to the Great Falls property indicates that coal ash is prevalent in that part of the Town.

CHA did collect other soil samples from within the AUL area, but the reported contaminant concentrations in those samples, for certain parameters, are sufficiently high enough that they are considered "hot spots" as defined by the MCP and are therefore considered separate exposure point concentrations. Their concentrations cannot be averaged with other samples. These samples are labeled as "hot spots" on the attached two tables prepared by Tighe & Bond (Appendix E). Specifically, sample locations CHA1, CHA4 and CHA7 had highly elevated

concentrations of extractable petroleum hydrocarbons, polynuclear aromatic hydrocarbons (PAHs), or metals. In reviewing the RAO and RAM reports, we did see mention that soils from within those areas may have been excavated and removed from site but we were unable to find any documentation indicating that follow-up confirmation samples had been collected from those areas to show that soil contaminant concentrations have been reduced to below hot spot levels and/or to below MCP cleanup standards.

Exposure point concentrations for the remainder of the Great Falls property were calculated using the results from the following CHA samples: CHA3-S1, CHA5-S1, CHA6-S1, CHA10-S1, CHA12-S2, CHA13-S2 and CHA14-S2 (all sample locations have been highlighted on the CHA site plan that we have included in Appendix F for the reader's reference). Based on our review of these data, it appears that the average contaminant concentrations across that portion of the Great Falls property are less than the applicable MCP S-1/GW2 and S-1/GW-3 cleanup standards and, therefore, do not pose a risk of harm to human health or the environment.

To address the data gaps that Tighe & Bond has identified, we recommend that additional Phase II site investigation activities be conducted at the Great Falls site. The purpose of the Phase II activities would be to collect additional data to confirm whether or not the contaminated soils within the "hot spot" areas have been removed. These confirmation samples can then be used either to develop an adequate set of final EPCs for the so-called AUL area that would support a finding of No Significant Risk and a Class A RAO or conversely, if they show that contaminant concentrations in those hot spot areas are indeed elevated, the data can then be used to develop a remediation plan to reduce those concentrations. Tighe & Bond has developed the following Conceptual Phase II Investigation Plan for the site.

Using a direct push "Geoprobe" drilling vehicle, Tighe & Bond recommends collecting samples from the following areas:

- Three (3) soil samples from within the vicinity of former sample CHA1 for EPH/PAH analysis. One of these samples would also be analyzed for microscopic identification of coal ash.
- Two (2) samples from the former CHA4 sample area for analysis for arsenic, lead, zinc and antimony. One of these samples would also be analyzed for coal ash identification.
- Two (2) samples from the former CHA7 area for lead analysis. One of these samples would also be analyzed for coal ash identification.

A preliminary schedule for completing this work, submitting a Phase II Report and Submitting an RAO (contingent upon receipt of acceptable laboratory data), to comply with the requirements of DEP's NOAF is provided below:

- **October 2004** - Prepare Phase II Scope of Work and submit to DEP
- **October 2004** - Conduct Phase II Field Work


- **November 2004** - Receive Analytical report from laboratory, calculate EPCs, conduct risk characterization.
- **December 2004** - Prepare RAO report ⁽¹⁾
- **January 2005** - Submit RAO to DEP ⁽¹⁾

(1) *Contingent upon receipt of analytical data indicating compliance with MCP cleanup standards.*

Upon your request, Tighe & Bond will prepare a project specific cost proposal for the above-described Phase II and RAO activities and is prepared to commence with those activities upon receiving your signed authorization to proceed. Please feel free to contact me with any questions that you may have regarding this letter report. In the meantime, again, please make sure to sign the original BWSC-111 form that we have enclosed in the pocket in Appendix D and forward that form and a copy of this report to DEP to complete your obligations under the NOAF.

Very truly yours,

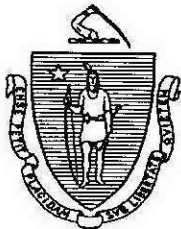
TIGHE & BOND, INC.



Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

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Enclosures



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

436 Dwight Street • Springfield, Massachusetts 01103 • (413) 784-1100

MITT ROMNEY
Governor

KERRY HEALEY
Lieutenant Governor

ELLEN ROY HERZFELDER
Secretary

ROBERT W. GOLLEDGE, Jr.
Commissioner

December 24, 2003

Montague Economic Development & Industrial Corporation
38 Avenue A
Turners Falls, MA 01376

Attn: Mr. David Ziomek
Project Manager

Re: Montague, RTN 1-00494
Heritage State Park
Avenue A & Second Street
RAM, RAO, AUL
NON-WE-03-3A107

**NOTICE OF AUDIT FINDINGS
NOTICE OF NONCOMPLIANCE
INVALID RAO**

Dear Mr. Ziomek:

On August 1, 2003, the Montague Economic Development & Industrial Corporation was notified that the Massachusetts Department of Environmental Protection's Bureau of Waste Site Cleanup (the Department) had begun to audit response actions conducted to address the release of oil and hazardous material at the location identified above. In particular, the audit focused on the Release Abatement Measure conducted at this site and subsequent Response Action Outcome (RAO) and Notice of Activity and Use Limitation. This notice informs you of the results of the Department's audit.

DETERMINATION

As a result of the audit, the Department has determined that response actions were not performed in compliance with the requirements of the Massachusetts Contingency Plan (MCP). Violations were

This information is available in alternate format. Call Debra Doherty, ADA Coordinator at 617-292-5565. TDD Service - 1-800-298-2207.

DEP on the World Wide Web: <http://www.mass.gov/dep>

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identified that require additional actions to be taken under the supervision of a Licensed Site Professional (LSP) in order to come into compliance with the MCP.

The activities that are in noncompliance and the actions the Department wants you to take to come into compliance are described in the Notice of Noncompliance (Attachment A). The Notice of Noncompliance describes: (1) each activity identified during the audit which is in noncompliance, (2) the requirements violated, (3) the action the Department now wants you to take, and (4) the deadline for taking this action. An administrative penalty may be assessed for every day from now on that you are in noncompliance. The Audit Memorandum (Attachment B) describes the activities Department personnel performed during the audit, summarizes relevant site information, and lists violations that you have already corrected or do not need further correction.

You do not need further Department approval to take the actions the Department has specified. However, to avoid further enforcement actions, you must complete the additional actions and submit a Post-Audit Completion Statement in accordance with 310 CMR 40.1170. The Post-Audit Completion Statement shall be submitted on a form established by the Department to the attention of Edward Weagle, by no later than the deadline established in the Notice of Noncompliance. A copy of the Post-Audit Completion Statement transmittal form (BWSC-111) may be obtained from the Department's web site at the following address:
<http://www.state.ma.us/DEP/bwsc/files/forms/pdfforms/bwsc-111.pdf> .

Based on the information reviewed during the audit, the Department has determined that the documentation provided does not support a Class A RAO. Pursuant to its authority under 310 CMR 40.0100(1)(e), the Department hereby determines the RAO submittal and LSP Opinion received on June 30, 2000 to be in noncompliance with M.G.L. c.21E and the MCP; therefore, the RAO submittal is not valid. Further assessment and/or remediation in compliance with the MCP, must be conducted at the Site until a level of No Significant Risk can be achieved or a valid RAO can be filed. Additional details are provided in the Notice of Noncompliance in Attachment A.

LICENSED SITE PROFESSIONAL (LSP)

A copy of this notice has been sent to Mr. Thomas Duffield, the LSP-of-Record for the disposal site. However, you, not your LSP, are responsible for correction of any identified violations.

LIMITATIONS

The Department's findings were based upon the certainty of the information reviewed during the audit. These findings do not: (1) apply to actions or other aspects of the site that were not reviewed in the audit, (2) preclude future audits of past, current, or future actions at the site, (3) in any way constitute a release from any liability, obligation, action or penalty under M.G.L. c. 21E, 310 CMR 40.0000, or any other law, regulation, or requirement, or (4) limit the Department's authority to take or arrange, or to require any Responsible Party or Potentially Responsible Party to perform, any response action authorized by M.G.L. c. 21E which the Department deems necessary to protect health, safety, public welfare, or the environment.

If you have any questions regarding this notice or any requirements contained in it, please contact Edward Weagle at (413) 755-2221. Please reference Release Tracking Number 1-00494 and Enforcement Tracking Number NON-WE-03-3A107 in any future correspondence to the Department regarding the site.

Sincerely,



Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup

Certified Mail # 7003 0500 0005 5443 8961
Return Receipt Requested

Attachments:

- A. Notice of Noncompliance
- B. Audit Memorandum
- C. AUL termination related forms and instructions

cc: Montague Board of Selectmen/Chief Municipal Officer
Montague Board of Health/Health Department
Mr. Thomas Duffield, LSP-of-Record, T. F. Moran, Inc. 149 Emerald Street,
Keene, NH 03431
Clough, Harbour & Associates LLP, 11 King Court, Keene, NH 03431
Steve Ellis, DEP-WERO
WERO Audit File
Data Entry: RAO/ACTAUD; AUDCOM/NAFNON; RAO/INVSUB

ecc:

Thomas Potter, Audit Coordinator, DEP-Boston

**Attachment A – NOTICE OF NONCOMPLIANCE
NON-WE-03-3A107**

ENTITY IN NONCOMPLIANCE

Montague Economic Development & Industrial Corporation, Town Hall, Montague,
Massachusetts 01376

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

Avenue A & Second Street, Montague

DATES WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED

June 23, 2000 – Date of submittal of Notice of Activity and Use Limitation (AUL)

June 30, 2000 – Date of submittal of Response Action Outcome (RAO) Statement

REQUIREMENTS NOT COMPLIED WITH

1. **Violation of 310 CMR 40.1004 (Class II)** – A Response Action Outcome must be supported by assessments and evaluations that are of sufficient scope, detail and level of effort to characterize the risk of harm to health and are commensurate with the nature and extent of the release and the complexity of site conditions.

The information provided in the report was not sufficient to support the conclusion that a condition of No Significant Risk (NSR) has been achieved at the disposal site. The determination that a condition of NSR was achieved is not supported by documentation that the allowable risk levels established in the MCP have been met, since there is not documentation of the extent of contamination, background levels of contamination, or exposure point concentrations. It cannot be determined whether the data provided in the submittals represent contamination levels prior to soil excavation or at the time of the RAO.

2. **Violation of 310 CMR 40.0904(2)(a) (Class II)** – The documentation of a risk characterization must contain a description of the horizontal and vertical extent of contamination in all evaluated media.

The extent of contamination in the area of CHA-1 and CHA-4 has not been defined. The locations of samples AS-1, AS-2, 8x and 9x, which had levels of contaminants that exceeded applicable Method 1 Standards, were not indicated.

3. **Violation of 310 CMR 40.0926(1) (Class II)** – For oil and/or hazardous material in each medium at each Exposure Point, an Exposure Point Concentration must be identified and documented.

4. **Violation of 310 CMR 40.0926(5) (Class II)** – Any mathematical equations or models used to identify exposure point concentrations must be clearly documented.

Exposure Point Concentrations for contamination in soil were not identified.

5. **Violation of 310 CMR 40.0973(6) (Class II)** – Under a Method 1 Risk Characterization, the identified Exposure Point Concentrations must be compared to all applicable MCP Method 1 Standards.

The risk characterization did not include a comparison of Exposure Point Concentrations to Method 1 Standards.

6. **Violation of 310 CMR 40.0922(3) (Class II)** – Any Species of Concern, Threatened Species, or Endangered Species which is known or likely to be located at the disposal site or in the surrounding area must be specifically identified as an environmental receptor.

The risk characterization does not identify the fact that portions of the site are located within an area designated by the National Heritage Endangered Species Program as Rare Habitat.

7. **Violation of 310 CMR 40.1003(4) (Class II)** – The boundaries of a disposal site or portion of a disposal site to which an RAO applies must be clearly and accurately delineated and provided in documentation submitted with the RAO Statement.

The boundaries of the disposal site to which the RAO applies were not identified.

8. **Violation of 310 CMR 40.0167 (Class II)** – The Department may establish and enforce reasonable Interim Deadlines consistent with M.G.L. c. 21E and 310 CMR 40.0000 for the performance of response actions and the furnishing of information and provision of access to documents and other information to DEP.

The Department established an Interim Deadline for responding to the Request for Information. A response was not received.

9. **Violation of 310 CMR 40.1074(2)(e) and 40.1074 (2)(g) (Class II)** – The Notice of AUL must describe permitted activities and uses, and those activities and uses that are inconsistent with the Response Action Outcome.

It is not clear what categories of use may occur at the site (i.e., commercial, residential school, day care, etc.) The paragraph describing consistent activities and uses states “The AUL area is used for parking and access point to the Great Falls Discovery Center”, but does not list other consistent activities or uses. The Notice of AUL prohibits “Excavation and construction activities that disrupt the existing paved parking area and concrete sidewalks.” This allows excavation in unpaved portions of the restricted area where geotextile fabric has been placed. To maintain a condition of No Significant Risk, excavation in these geotextile areas must also be prohibited.

10. **Violation of 310 CMR 40.1074 (2)(f) (Class II)** – The Notice of AUL must describe any applicable obligations and/or conditions for conducting the permitted activities to maintain a condition of No Significant Risk.

The Notice of AUL requires maintenance of the pavement and concrete sidewalks, without identifying the boundaries of the paved areas and concrete sidewalks. To ensure proper maintenance of the pavement and sidewalks, the obligation paragraph must refer to the sketch or survey plan. The plan must clearly identify the boundaries of the pavement and concrete sidewalks within the AUL area, since the AUL area is not entirely under pavement and/or concrete.

11. **Violation of 310 CMR 40.1074(2)(a)2 (Class II)** – The Notice of AUL must include the metes and bounds description of the property containing the area subject to the Notice of AUL.

The Notice of AUL does not include a metes and bounds description of the property.

12. **Violation of 310 CMR 40.1074 (2)(a)5 (Class II)** – The Notice of AUL must include a sketch plan showing the location of the AUL area in relation to the boundaries of the disposal site.

The Notice of AUL does not include a sketch plan.

13. **Violation of 310 CMR 40.1074(1)(b) (Class II)** – A narrative LSP Opinion must be recorded as an exhibit to the Notice of AUL. The narrative LSP Opinion must identify why the Notice of AUL is appropriate to achieve and maintain a condition of No Significant Risk. The Opinion must list activities and uses to be prohibited, activities and uses to be permitted, and any obligations and conditions necessary to maintain a condition of No Significant Risk.

The Notice of AUL, as recorded, does not include a LSP Opinion. The LSP Opinion and the LSP Opinion Form (BWSC-114) must be attached as Exhibits to the AUL.

14. **Violation of 310 CMR 40.1074(2)(c) (Class II)** – If the person signing the Notice of AUL is signing on behalf of an entity, documentation of the person's signatory authority must be attached as an exhibit to the Notice of AUL. For a corporation, the documentation must include a Clerk's Certificate of Incumbency, identifying the office held by the person signing. And, unless the person signing holds the office of both president or vice president and treasurer or assistant treasurer, a Clerk's Certificate from the clerk or secretary documenting a vote, resolution or by-law authorizing the person to sign is also required.

The appropriate documentation establishing the authority of the person signing on behalf of the corporation is not attached as an exhibit to the Notice of AUL.

15. **Violation of 310 CMR 40.1074(2)(a)3 (Class II)** – The Notice of AUL must include a reference to a survey plan of the property that has been recorded as a plan with the appropriate Registry of Deeds.

The Notice of AUL does not include a reference to the plan book and plan number of the survey plan of the property.

16. **Violation of 310 CMR 40.1074(2)(a)4.b (Class II)** – If the AUL area comprises a portion of the property, the Notice of AUL must include a reference to a survey plan of the restricted portion of the property that has been recorded as a plan with the appropriate Registry of Deeds.

The Notice of AUL does not include a reference to the survey plan of the restricted portion of the property. While the survey plan was submitted to DEP, it was not recorded as a plan at the Registry of Deeds.

17. **Violation of 310 CMR 40.1074(1)(f)1 (Class II)** – The person signing the Notice of AUL must submit a statement certifying that the person or entity identified as the property owner owned the property at the time the Notice of AUL was recorded.

The Department has not received a statement by Sara Campbell certifying that the person or entity identified as the property owner owned the property at the time the Notice of AUL was recorded.

18. **Violation of 310 CMR 40.1074(1)(f)2 (Class II)** – The person signing the Notice of AUL must submit a statement certifying that all current record interest holders were notified of the terms of the proposed AUL and the location of the oil and/or hazardous material within the AUL area.

The Department has not received a statement by Sara Campbell certifying that all current record interest holders were notified of the terms of the proposed AUL and the location of the oil and/or hazardous material within the AUL area.

19. **Violation of 310 CMR 40.1403(7)(b) (Class III)** – Within 30 days of recording the Notice of AUL, a legal notice must be published in a local newspaper, indicating the recording of the Notice of AUL. The Department must receive a copy of this legal notice within seven days of publication.

The Department has not received a copy of the required legal notice.

20. **Violation of 310 CMR 40.1403(7)(a) (Class III)** – Within 30 days of recording the Notice of AUL, the local Chief Municipal Officer, Board of Health, Zoning Office and Building Code Enforcement Official must receive a copy of the Notice of AUL.

The Department does not have any evidence that the town officials received a copy of the Notice of AUL.

21. **Violation of 310 CMR 40.1074(4)(b) (Class III)** – Within 30 days of recording the Notice of AUL, a Registry copy of the survey plans referenced in the Notice of AUL, bearing the plan book and plan numbers, must be submitted to the Department.

The survey plan of the restricted portion of the property submitted to the Department was not a Registry copy, bearing the plan book and plan number. The Department did not receive a Registry copy of the survey plan of the property.

22. **Violation of 310 CMR 40.1074(4)(c) (Class III)** – If the subject property is unregistered land, a Registry copy of the property owner’s deed, bearing the marginal reference to the Notice of AUL, must be submitted to the Department within 30 days of recording the Notice of AUL.

The Department has not received a Registry copy of the property owner’s deed, bearing the marginal reference to the Notice of AUL.

23. **Violation of 310 CMR 40.1074(2)(b) (Class II)** – The Notice of AUL must include the name of the property owner.

The Notice of AUL inconsistently identifies the property owner in the first and second paragraphs of Form 1075. It is unclear if the property is owned by Sara E. Campbell or the Montague Economic Development & Industrial Corporation.

24. **Violation of 310 CMR 40.1074(1)(a) (Class III)** – Form 1075, as set forth in 310 CMR 40.1099, must be used to implement the Notice of AUL. The standard language of Form 1075 must not be altered or deleted, and bracketed language must be selected appropriately.

The word “Confirmatory” should have been eliminated from the heading and the LSP signature block. At the end of the third “whereas” clause, the book and page of the survey plan of the restricted portion of the property should have been inserted in the first bracket, while the language “and/or on a sketch plan attached hereto and filed herewith for registration” should have been deleted. The reference to the sketch plan attached for registration should only be used for registered land. In the fifth “whereas” clause, the phrase “Disposal Site” or “Portion of the Disposal Site” should have been selected, and the other deleted. In Paragraph 5, the phrase “Portion of the Property” should have been selected, and the “Property” bracket should have been deleted.

ACTIONS TO BE TAKEN AND DEADLINE

Within **60 days** of the date of this notice, you must submit a Post-Audit Completion Statement accompanied by:

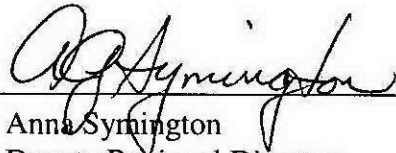
- a Tier II Extension submittal, pursuant to 310 CMR 40.0560(7);
- a certified Registry copy of a Termination of Notice of AUL, prepared in accordance with the attached form and instructions;
- a schedule for submitting a Phase II Report containing a revised risk characterization and, if applicable, a Phase III report; and
- a schedule for achieving an RAO at the site.

If you fail to correct the violations identified and provide documentation of such action to the Department, you may be subject to enforcement action by the Department. The Department may

conduct a follow-up audit to determine whether the required actions have been taken. If the Department finds that the violations have not been corrected, then the Department may issue a Notice of Intent to Assess a Civil Administrative Penalty (PAN), administrative enforcement order, Notice of Responsibility (NOR), Notice of Intent to take Response Action (NORA), Administrative Consent Order, Unilateral Order, or seek a Judicial Judgment as appropriate. You may also be subject to cost recovery under 310 CMR 40.1200 for failure to perform response actions at the disposal site.

Department of Environmental Protection

Date: December 24, 2003

By: 

Anna Symington
Deputy Regional Director
Bureau of Waste Site Cleanup

Attachment B - AUDIT MEMORANDUM

I. AUDIT ACTIVITIES

The audit consisted of the following activities:

- An examination of documents within the Department's records or in other public records.
- A Notice of Audit and Request for Information August 1, 2003.
- A site inspection on August 25, 2003.

II. SITE SUMMARY

The site is currently the location of Heritage State Park. Located on the site are a visitor's center (Great Falls Discovery Center), a parking lot, and landscaped areas. The site has a 100-year history of industrial activity including use as a blacksmith shop, coal storage, machine shop, scrap metal yard, and gasoline station and auto repair facility. The site abuts a steep bank that slopes down to a power canal and the Connecticut River below. Geology of the site consists of granular and coal ash fill overlying fine to medium sand overlying bedrock. Bedrock is shallow and exposed in places. Depth to groundwater and groundwater flow direction have not been determined, however, two monitoring wells installed to 14 feet below grade did not contain groundwater during the late spring of 1999.

The site was first listed by the Department as a Location to be Investigated on October 15, 1988. A Waiver of Approvals was granted to the Montague Economic Development and Industrial Corporation (MEDIC) on April 20, 1993. MEDIC was also issued a Notice of Responsibility at that time. MEDIC was issued a Notice of Noncompliance (NON) dated January 27, 1999 for failure to submit a Waiver Completion Statement or Tier II Extension Submittal after the Waiver of Approvals expired. MEDIC provided a Tier II Extension Submittal in response to the NON. A Release Abatement Measure (RAM) Completion Statement and Class A-3 RAO Statement supported by a Method 1 Risk Characterization were received on June 30, 2000.

Between 1988 and 1992, several rounds of subsurface investigations were performed. Samples collected during these investigations and screened for headspace volatile organic compounds (VOCs) generally revealed low (<10 ppmv) or non-detectable levels of headspace VOCs. VOCs were not detected in the 28 soil samples analyzed via EPA Method 8240. A total of 54 soil samples were analyzed for polycyclic aromatic hydrocarbons (PAHs). Total PAH concentrations ranged up to 1,500 mg/kg, with all 17 common PAH species identified.

In April 1992, 1,290 tons of contaminated soil were excavated and removed from the site under a Short Term Measure approved by the Department. During the excavation activities, soil from some portions of the site were excavated and re-graded on other portions of the site to establish final grade. Clean fill was also brought to the site. The locations of the re-distribution of site soil and the clean off-site fill were not clearly identified. Six composite post-excavation soil samples were collected for PAH analysis. Two samples (8X and 9X) contained several PAHs at concentrations exceeding Method 1 Standards applicable at the time of the RAO. However, the locations of these samples were not indicated in the RAO report.

III. RESPONSE ACTIONS AUDITED

A. Release Abatement Measure

A Release Abatement Measure plan proposing the excavation of additional contaminated soil necessary to bring the site to final proposed grades was received in July 1997; however, the RAM was not implemented. A RAM Plan modification was received on October 28, 1998, which proposed to re-use some site soils during construction of sidewalks and paved parking areas at the site.

Two samples with concentrations of PAHs exceeding applicable Method 1, S-1 Standards were collected in November 1998. The locations of these samples, designated AS-1 and AS-2, were not identified. Seventeen additional soil samples were collected from soil borings advanced at the site on May 26, 1999, and analyzed for various compounds including PAHs, total petroleum hydrocarbons (TPH), extractable petroleum hydrocarbons (EPH), and metals. Concentrations of various contaminants exceeded applicable Method 1, S-1 Standards in samples collected from borings CHA-1, CHA-2, CHA-4, CHA-7, and CHA-8.

The RAM Completion Statement received on June 30, 2000 stated that an estimated 155 cubic yards of soil were removed from the vicinity of CHA-1 and 10 cubic yards were removed from the area of CHA-7 and transported to a disposal facility. However, the excavation date and the boundaries of the areas where soil was removed are not identified. The report does not state whether the areas where samples AS-1 and AS-2 had been collected were excavated. Based on Bills of Lading received on June 30, 2000, approximately 250 tons of soil were excavated and removed from the site under the RAM in October 1999. Although the RAM also proposed to re-use some excavated soil on the site, it is not clear whether this was carried out. A geotextile marker layer was reportedly placed in the vicinity of CHA-1 and CHA-7 after the completion of excavation, before clean fill was placed to bring the site to final grades. The aerial extent and final depth of the marker layer were not identified.

B. Risk Characterization

A Method 1 Risk Characterization was used to evaluate potential risks posed by the site. Soils are classified S-1 in the landscaped areas of the site and S-2 under pavement. Groundwater is classified as GW-3. The risk characterization does not identify background concentrations and exposure point concentrations were not identified for contaminants of concern. Potential groundwater contamination was not discussed in the risk characterization. The location of a portion of the site within an area designated by the National Heritage Endangered Species Program as Rare Habitat is not identified. The risk characterization concluded that a condition of No Significant Risk has been achieved.

C. Activity & Use Limitation and Response Action Outcome

A Notice of AUL was placed on a portion of the property. Activities and uses described as being consistent with the AUL include parking and access point to the Great Falls Discovery Center. Activities and uses described as being inconsistent with the AUL are excavation and construction activities that disrupt the paved parking area and concrete sidewalks. Obligations and conditions of the AUL are identified as maintenance of the integrity and condition of the paved parking area and concrete sidewalks. The AUL did not clearly identify the categories of permitted and

restricted uses at the site, and did not identify the boundaries of the areas where pavement must be maintained. In addition, it appears that the AUL boundary extends beyond the area of the parcel of land referenced in the AUL to an adjacent parcel. However, this could not be verified from the available information. The ownership of the additional parcel was not documented.

IV. SITE INSPECTION AND RESPONSE TO RFI

On August 25, 2003, Edward Weagle met at the site with David Ziomek, Project Manager with the Montague Economic Development & Industrial Corporation. The property currently contains a building, landscaped and paved areas. A portion of the site northeast of the AUL area was under final construction with grading activities underway at the time of the inspection. Coal ash and stressed vegetation is visible on an adjacent property that is located east of the transformers just off the property's western corner. Conditions at the site were consistent with the information previously provided to the Department.

The Department did not receive a response to the Request for Information.

V. DETERMINATIONS

On the basis of the activities performed during the audit and in reliance upon the accuracy of that information, the Department makes the following determination.

A. Violations were identified that require further action

Please refer to the Notice of Noncompliance (Attachment A) relative to the activities in noncompliance and the actions the Department wants you to take to come into compliance.

B. Violations were identified that do not require further action

No further steps are necessary to correct the following violations at this time.

1. **Violation of 310 CMR 40.0445(1) (Class II)** – A person conducting a RAM must submit a status report to the Department 120 days following written or presumptive approval, and every six months thereafter.

The Department did not receive the first RAM status report, due in November 1997.

2. **Violation of 310 CMR 40.0034(5) (Class III)** – A completed Bill of Lading form must be submitted to the Department within 30 days of the date of the final shipment from the disposal site.

Contaminated soil was transported from the site in October 1999, however, the Bill of Lading was not provided to the Department until June 30, 2000.

Although the Department is not requiring additional actions to address the violations identified above, the Department may use these violations to establish a pattern of noncompliance when pursuing future enforcement actions.

Attachment C

Because the Response Action Outcome upon which the Notice of Activity and Use Limitation (AUL) is based has been invalidated by the Department, the AUL must be terminated in accordance with 310 CMR 40.1083(1)(d).

1. Complete the attached Termination of Notice of AUL form. Do not change the language in the form, except to choose or delete bracketed text.
2. Record the Termination form at the Registry of Deeds. At the time of recording, request that the Termination be marginally referenced on the original AUL and on the deed by which you obtained title to the property.
3. If the person signing the Termination of AUL is not an individual signing on his/her own behalf, but rather on behalf of an entity, or as trustee, executor, or attorney in fact, submit documentation of the person(s) signatory authority as an exhibit to the Termination of AUL.
4. Inform local officials and the public of the Termination of AUL, pursuant to 310 CMR 40.1403(7).
5. Obtain a copy of the recorded Termination form, certified by the Registrar of Deeds and bearing the book and page/instrument number and/or document number, and submit it to the Department within 60 days of the date of this notice with a completed AUL Transmittal Form (BWSC-113).
6. Submit a statement to the Department certifying that the person(s) or entity identified as the property owner(s) on the Termination owned the property at the time the Termination was recorded.

TERMINATION OF NOTICE OF ACTIVITY AND USE LIMITATION
M.G.L. c. 21E, § 6, 310 CMR 40.0000

Disposal Site Name: _____
DEP Release Tracking No.(s) _____

WHEREAS, a Notice of Activity and Use Limitation has been [recorded with the _____ County Registry of Deeds in Book _____ Page _____] [and] [registered with the Land Registration Office of the _____ County Registry District as Document No. _____] [as amended by Amendment to a Notice of Activity and Use Limitation dated _____, recorded with the _____ County Registry of Deeds in Book _____ Page _____, and/or registered with the Land Registration Office of the _____ County Registry District as Document No. _____] (said Notice of Activity and Use Limitation and any amendments thereto are collectively referred to herein as "Notice");

WHEREAS, said Notice sets forth limitations on use and activities, conditions and obligations affecting certain [vacant] land situated in _____ (Town/City), _____ County, Massachusetts [with the buildings and improvements thereon], said land being more particularly bounded and described in Exhibit A attached hereto and made a part hereof ("Property");

WHEREAS, said limitations are consistent with the terms of an Activity and Use Limitation Opinion ("AUL Opinion") dated _____, signed and sealed by _____, holder of a valid license issued by the Board of Registration of Waste Site Cleanup Professionals, pursuant to M.G.L. c. 21A, §§ 19 through 19J (the holder being referred to as "LSP") attached to said Notice of Activity and Use Limitation as Exhibit C and made a part thereof, in order to [maintain at the Property a condition of No Significant Risk] [eliminate a substantial hazard], (said conditions and terms being defined in 310 CMR 40.0000); and

WHEREAS, said Notice is being terminated because additional response actions are necessary to support the conclusion that [a condition of No Significant Risk has been achieved at the property][all substantial hazards have been eliminated at the property].

NOW, THEREFORE, [I][We], of _____ (City/Town) _____ County, _____ (State), being the owner(s) of said Property, do hereby terminate said Notice.

(Owner) authorizes and consents to the [filing and recordation] [and] [registration] of this Termination of Notice of Activity and Use Limitation, said Termination to become effective when [recorded] [and] [registered] with the appropriate [Registry of Deeds] [and] [Land Registration Office.]

WITNESS the execution hereof under seal this ____ day of _____,
19__.

[Name of Owner]

[COMMONWEALTH OF MASSACHUSETTS]
[STATE OF _____]

_____, ss _____, 19__

Then personally appeared the above named _____ and
acknowledged the foregoing to be [his] [her] free act and deed before me,

Notary Public:
My Commission Expires:

Upon recording, return to:
(Name and Address of Owner)

M-0375-1-66 (1160)
July 9, 2004

Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, MA 01103

Attn: Abby Kingman

Re: RTN 1-00494
Notice of Audit Findings

Dear Ms. Kingman:

On behalf of the Montague Economic Development & Industrial Corporation (MEDIC) we are pleased to submit the attached Tier II Extension, form BWSC-107, and accompanying Tier II Compliance History, form BWSC-107B. MEDIC is requesting this Tier II Extension in accordance with the Department's December 24, 2004 correspondence, which included a Notice of Audit Findings (NOAF), Notice of Non Compliance (NON) and Invalid RAO determination. That document identified a number of deficiencies with the Response Action Outcome (RAO) report and Activity and Use Limitation (AUL) that had been prepared and filed by Clough Harbors & Associates on June 30, 2000 on behalf of MEDIC. Consequently, the Department determined that the RAO and LSP Opinion were invalid and that additional actions were required to be undertaken to bring the site into compliance with the MCP. One of those actions was the filing of a Tier II Extension request.

In addition to filing the extension request, the Department's NOAF also required the termination of the AUL that had been filed for the site. That will be done in the near future. The invalidation of the RAO and the termination of the AUL effectively eliminate the "permanent solution" for the site. Additional actions will be undertaken at the site in order to achieve a valid RAO and permanent solution once the Tier II extension request is approved.

Compliance History: The MEDIC property has been a recognized disposal site since the late 1980's, prior to the 1993 revisions to the Massachusetts Contingency Plan (MCP). Consequently, response actions at the site were conducted initially under a "Waiver of Approvals". Upon expiration of that waiver, the site became a Tier IB default site until DEP approved a Tier II Extension Request on April 16, 1999. Since filing that request, the site environmental compliance history has not changed, with the exception of the NON/NOAF mentioned above. The site does not conduct activities, such as manufacturing or waste disposal that would require an environmental permit from the Department, or Federal or local agencies.

Tighe & Bond has commenced with file reviews, interviews, site reconnaissance activities and preparation of AUL termination forms in accordance with the requirements of the Department's NOAF. A schedule for a Phase II investigation (if applicable), a revised risk assessment and a schedule for achieving an RAO for the site will be submitted to the Department by August 15, 2004. In the meantime, if you have any questions, please don't hesitate to contact me at (413) 875-1302.

Very truly yours,

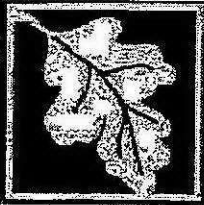
TIGHE & BOND, INC.



Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\M\M375\report\tier2extensionrequest.doc

CC: David Ziomek - MEDIC



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number
1 - 494

A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: Heritage State Park/Great Falls Discovery Center

2. Street Address: Avenue A & Second Street

3. City/Town: Montague

4. ZIP Code: 01376-0000



B. THIS FORM IS BEING USED TO: (check all that apply)

- 1. Submit a new Tier Classification Submittal for a Tier I Site, including a Numerical Ranking Scoresheet (BWSC107A) (check one) A Tier I Permit Application must also be submitted.
 - a. Tier IA b. Tier IB c. Tier IC
- 2. Submit a new Tier Classification Submittal for a Tier II Site, including the Numerical Ranking Scoresheet (BWSC107A) and the Tier II Compliance History (BWSC107B)
- 3. Submit a Phase I Completion Statement as per 310 CMR 40.0480
If previously submitted, provide date _____ mm/dd/yyyy
- 4. Submit a Phase II Scope of Work as per 310 CMR 40.0834
If previously submitted, provide date _____ mm/dd/yyyy
- 5. Submit a Phase II Conceptual Scope of Work supporting a Tier Classification Submittal
- 6. Submit a Tier II Extension Submittal for Response Actions at a Tier II Site including the Tier II Compliance History (BWSC107B)
- 7. Submit a Tier II Transfer Submittal for a change in person(s) undertaking Response Actions at a Tier II Site including the Tier II Compliance History (BWSC107B) and the Tier II Transferor Certification (BWSC107C)

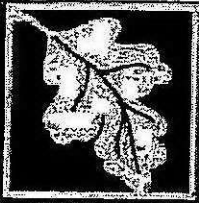
Proposed effective date of transfer: _____
mm/dd/yyyy

- 8. Submit a Revised Tier Classification Submittal, including a Numerical Ranking Scoresheet (BWSC107A) A Major Permit Modification may also need to be submitted.
If this revised submittal is re-classifying the site check the new classification.
 - a. Tier IA b. Tier IB c. Tier IC d. Tier II

9. Submit a Notice that an additional Release Tracking Number(s) is (are) being linked to this Tier Classified Site (Primary RTN). Future response actions addressing the Release or Threat of Release notification condition associated with additional Release Tracking Numbers (RTNs) will be conducted as part of the Response Actions planned or ongoing at the Primary Site listed above. For a previously Tier Classified Primary Site, if there is a reasonable likelihood that the addition of the new secondary RTN(s) would change the classification of the site, a Revised Tier Classification Submittal must also be made.

Provide Release Tracking Number(s): a. - b. -

All future Response Actions must occur according to the deadlines applicable to the Primary RTN. Use only the Primary RTN when making future submittals for this site unless specifically relating to response actions started before the linking occurred.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a **Tier I or Tier II Classification Submittal** including the **Numerical Ranking System Scoresheet** is being submitted, this Tier Classification Submittal has been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Phase I Completion Statement** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Phase II Scope of Work** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Tier II Extension Submittal** or a **Tier II Transfer Submittal** is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul 3. Last Name: Beaulieu

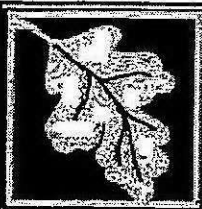
4. Telephone: (413) 875-1302 5. Ext.: _____ 6. FAX: (413) 568-9764

7. Signature: *Paul G. Beaulieu*

8. Date: 7/9/04
mm/dd/yyyy

9. LSP Stamp:





TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

D. PERSON MAKING SUBMITTAL:

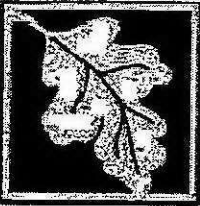
1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Montague Economic Development & Industrial Corporation
3. Contact First Name: Jay 4. Last Name: Dipucchio
5. Street: 38 Avenue A 6. Title: Chairperson
7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000
10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

E. RELATIONSHIP OF PERSON MAKING SUBMITTAL TO DISPOSAL SITE:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Making Submittal Specify Relationship: _____

F. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.
3. Check here to certify that a Legal Notice of a Tier Classification or Re-classification Submittal has been or will be made according to 310 CMR 40.1403, and a copy of the notice sent to DEP, the Chief Municipal Officer and the Local Board of Health.
4. For a Tier II Extension Submittal, check here to certify that a statement summarizing why a Permanent or Temporary Solution has not been achieved at the Disposal Site is attached.
5. For a Tier II Transfer Submittal, check here to certify that a statement summarizing the reasons for the proposed change in person(s) undertaking the Response Actions is attached. All Response Actions must be completed by the deadline applicable to the person who first filed either a Tier Classification Submittal for the Disposal Site or received a Waiver of Approvals.
6. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.
7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

Release Tracking Number

1 - 494

G. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

If submitting a Tier II Classification, Extension or Transfer, I also attest under the pains and penalties of perjury that (i) I/the person(s) or entity(ies) on whose behalf this submittal is made has/have personally examined and am/is familiar with the requirements of M.G.L. c. 21E and 310 CMR 40.0000; (ii) based upon my inquiry of the/those Licensed Site Professional(s) employed or engaged to render Professional Services for the disposal site which is the subject of this Transmittal Form and of the person(s) or entity(ies) on whose behalf this submittal is made, and my/those person's(s') or entity's(ies') understanding as to the estimated costs of necessary response actions, that/those person(s) or entity(ies) has/have the technical, financial and legal ability to proceed with response actions for such site in accordance with M.G.L. c. 21E, 310 CMR 40.0000 and other applicable requirements; and (iii) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is aware of the requirements in 310 CMR 40.0172 for notifying the Department in the event that I/the person(s) or entity(ies) on whose behalf this submittal is made learn(s) that it/they is/are unable to proceed with the necessary response actions.

2. By: [Signature] 3. Title: Chairperson
Signature

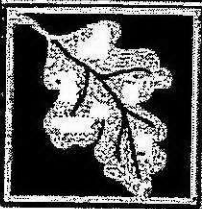
4. For: Montague Economic Development & Industrial Corp. 5. Date: 07/01/2004
(Name of person or entity recorded in Section D) mm/dd/yyyy

6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____
8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____
11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY):



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107B

TIER II COMPLIANCE HISTORY
Pursuant to 310 CMR 40.0540 (Subpart E)



Release Tracking Number

1 - 494

A. DISPOSAL SITE COMPLIANCE HISTORY SUMMARY:

1. Check here if a Tier II Compliance History of the person listed in BWSC107, Section D, was previously submitted, and there has been no change in that person's compliance history. If this box is checked, this section does not have to be completed.

2. List all permits or licenses that have been issued by the Department that are relevant to this Disposal Site:

Program	Permit Number	Permit Category	Facility ID
a. Air Quality			
b. Hazardous Waste (M.G.L. c. 21C)			
c. Solid Waste			
d. Industrial Wastewater Management			
e. Water Supply			
f. Water Pollution Control/Surface Water			
g. Water Pollution Control/Groundwater			
h. Water Pollution Control/Sewer Connection			
i. Wetland & Waterways			

3. List all other Federal, state or local permits, licenses, certifications, registrations, variances, or approvals that are relevant to this Disposal Site:

Issuing Authority or Program, or Documentation Type	Identification Number	Date Issued (mm/dd/yyyy)
None		

4. Check here to certify that, if needed, a statement further describing the Compliance History of this Disposal Site is attached.

This statement must describe the compliance history of the person or entity named in BWSC107, Section D with the following: (1) DEP regulations; and (2) other laws for the protection of health, safety, public welfare and the environment administered or enforced by any other government agency. Such a statement should identify information such as: (1) actions relevant to the Disposal Site taken by the Department to enforce its requirements including, but not limited to, a Notice of Noncompliance (NON), Notice of Intent to Assess Civil Administrative Penalty (PAN), Notice of Intent to Take Response Action (NORA), and an administrative enforcement order; (2) administrative consent orders; (3) judicial consent judgements; (4) similar administrative actions taken by other Federal, state or local agencies; (5) civil or criminal actions relevant to the Disposal Site brought on behalf of the DEP or other Federal, state, or local agencies; and (6) any additional relevant information. For each action identified, provide the following information: (1) name of the issuing authority, type of action, identification number and date issued; (2) description of noncompliance cited; (3) current status of the matter; and (4) final disposition, if any.

The Following is Certified To Be A True Copy Of
The Record In Book 4698 Page 72
Franklin County MA Registry of Deeds
Date: 9-17-04 Attest: A. Peter Wood

REGISTERED
TERMINATION OF NOTICE OF ACTIVITY AND USE LIMITATION
M.G.L. c. 21E, § 6, 310 CMR 40.0000

Disposal Site Name: Great Falls Discovery Center.
DEP Release Tracking No.(s) 1-0494



Bk: 4698 Pg: 72 Doc: TERM
Page: 1 of 5 09/17/2004 09:13 AM

WHEREAS, a Notice of Activity and Use Limitation has been recorded with the Franklin County Registry of Deeds in Book 3640, Page 292, (said Notice of Activity and Use Limitation and any amendments thereto are collectively referred to herein as "Notice");

WHEREAS, said Notice sets forth limitations on use and activities, conditions and obligations affecting certain land situated in Montague, Franklin County, Massachusetts with the buildings and improvements thereon, said land being more particularly bounded and described in Exhibit A attached hereto and made a part hereof ("Property");

WHEREAS, said limitations are consistent with the terms of an Activity and Use Limitation Opinion; ("AUL Opinion") dated June 23, 2000, signed and sealed by Thomas A. Duffield, holder of a valid license issued by the Board of Registration of Waste Site Cleanup Professionals, pursuant to M.G.L. c. 21A, §§ 19 through 19J (the holder being referred to as "LSP") attached to said Notice of Activity and Use Limitation as Exhibit C and made a part thereof, in order to maintain at the Property a condition of No Significant Risk; and

WHEREAS, said Notice is being terminated because additional response actions are necessary to support the conclusion that a condition of No Significant Risk has been achieved at the property.

NOW, THEREFORE, Jay Dipucchio, on behalf of the Montague Economic Development & Industrial Corporation of Montague, Franklin County, Massachusetts, being the owner of said Property, do hereby terminate said Notice.

Montague Economic Development & Industrial Corporation authorizes and consents to the filing and recordation/and or registration of this Termination of Notice of Activity and Use Limitation, said Termination to become effective when recorded and/or registered with the appropriate Registry of Deeds.

WITNESS the execution hereof under seal this 14 day of September 2004.

Refer to Book 2366, Page 337; Book 3640, Page 292

Parcels 1 + 4 Plan Book 75 Page 48
Second St + Avenue A

September 14, 2004

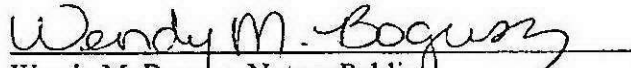

Jay Dipucchio

THE COMMONWEALTH OF MASSACHUSETTS

Franklin, ss

September 14, 2004

On this September 14th, 2004 before me, the undersigned notary public, personally appeared Jay Dipucchio, Chairperson of Montague Economic Development & Industrial Corporation, proved to me through satisfactory evidence of identification which was he is personally known to be the person whose name is signed on the preceding or attached document in my presence.


Wendy M. Bogusz, Notary Public
My Commission Expires: December 16, 2005

Nutri-Systems Meals on Wheels

From: DAVID ZIOMEK [dziomek@verizon.net]
Sent: Tuesday, August 24, 2004 6:36 PM
To: Jay DiPucchio
Subject: board meeting follow up -- Vote to sign docs

8/24/04

Meeting Notes-


At a meeting of the Montague Economic Development and Industrial Corporation(MEDIC) on 8/23/04 the following motion was made:

-Corporate Vote-

Motion

--That the board of directors authorize Jay DiPucchio, Chair, to sign any/all legal documents including AUL forms for the MA Department of Environmental Protection related to required 21E remediation work at the Great Falls Discover Center site in Turners Falls.

The vote passed unanimously.


MARK BANDER, SECRETARY EDIC
8/24/04

8/25/04

EXHIBIT A

Massachusetts Economic Development Corporation
Montague, Massachusetts

Property Description

The land in Montague, Franklin County, Massachusetts, and shown as parcels No.1 and No.4 on a plan called "Turners Falls Heritage Park in Montague, Massachusetts surveyed for Commonwealth of Massachusetts Department of Environmental Management", dated May 31, 1985 and prepared by Almer Huntley, JR. & Associates, Inc. and recorded in the Franklin County Registry of Deeds, Plan Book 75, Page 48, said parcels being bound and described as follows:

Parcel 1

Beginning at a spike in the northerly line of Second Street, said spike being 139.60 feet, northeast from the northwest sideline of Avenue A;
thence N 51°-44'-38" W a distance of 305.58' to a iron pin at the northwest corner of the parcel herein described;
the previous course being along the northerly sideline of Second Street;
thence N75°-29'-04"E, along land now or formerly of the Western Massachusetts Electric Company, a distance of 138.15' to a point at the northeast corner of the parcel herein described;
thence S 51°- 44'-38" E a distance of 222.00' to a point at the southeast corner of the parcel herein described;
the previous course being along the southerly side of a 20.00' wide alley as shown on said plan;
thence S 38°- 15'- 22" W, along land now or formerly of U.S.H. Realty, Inc., a distance of 110.0' to a point in the northerly sideline of Second Street and to the point and place of beginning.

and containing 29,017 square feet of area and being Parcel No. 1 as shown on the above referenced plan.

also, including any right, title and interest of the said Edwin A. Gillespie, Jr. & Kathryn E. Gillespie in and to the land designated as "alley", "Avenue A" and "Second Street", as shown on the aforementioned plan.

Parcel 4

Beginning at an iron pin at the southeasterly corner of Parcel No.4 on the southwesterly side of First Street.

thence S 38°-15'-22" W, along land now or formerly of Robert J. Escott, a distance of 110.00' to an iron pin at the southwest corner of the parcel herein described;

thence N 51°-44'-38" W a distance of 318.49' to a point at the northwest corner of the parcel herein described;

the previous course being along the northerly side of a 20.00' wide alley as shown on said plan;

thence N 79°-18'-39" E, along land now or formerly of the Western Massachusetts Electric Company, a distance of 145.87' to a point at the northeast corner of the parcel herein described;

thence S 51°-44'-38" E, along the southerly sideline of First Street, a distance of 222.68' to the point and place of beginning;

and containing 29,764 square feet of area and being Parcel No. 4 as shown on the above referenced plan.

also, including any right, title and interest of the said Edwin A. Gillespie, Jr. & Kathryn E. Gillespie in and to the land designated as "alley", "Avenue A" and to the land designated as parcel "3", as shown on the aforementioned plan.

W:\MM375\AUL TERMINATION\AULEXHA.DOC

ATTEST: FRANKLIN COUNTY, MASS. H. Peter Wood, Register

Registry of Deeds

William Francis Galvin, Secretary of the Commonwealth
 Franklin - H. Peter Wood, Register

[Home](#) | [Search](#) | [Index](#) | [Feedback](#) | [Contact](#)

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[↩ Back](#)

Number	File Date	Type Desc.	# Pgs.	Book/Page	Consideration
7372	06/23/2000	NOTICE	5	03640/292	0.00

No Indexed Property for this Instrument Number

Grantor(s)	CAMPBELL SARA E MONTAGUE ECONOMIC DEVELOPMENT & INDUSTRIAL CORP GREAT FALLS DISCOVERY CENTER
Grantee(s)	CAMPBELL SARA E MONTAGUE ECONOMIC DEVELOPMENT & INDUSTRIAL CORP GREAT FALLS DISCOVERY CENTER
Marginal Reference Documents	02366/337 1989 DEED 04698/72 2004 TERMINATION

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M375-1-66 (1160)
September 17, 2004

Edward J. Voudren, Chair
Board of Selectmen
1 Avenue A
Turners Falls, MA 01376

Re: Great Falls Discovery Center
Turners Falls, MA
RTN 1-0494

Dear Mr. Voudren:

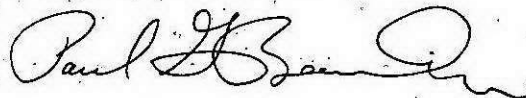
On behalf of the Montague Economic Development and Industrial Corporation, Tighe & Bond has terminated an Activity and Use Limitation (AUL) placed on the abovementioned site in June 2000. The Brownsfields Act requires that the Massachusetts Department of Environmental Protection (DEP) conduct targeted audits of all AUL sites. As a result of a recent audit, the AUL Termination has been prepared and recorded at the Franklin County Registry of Deeds on September 17, 2004. As required for all AUL sites, a copy of the recorded document has been provided with this correspondence. The enclosed legal notice will be published in the *Greenfield Recorder*.

The DEP submittals and AUL documentation referenced herein are available for public review at the Western Region office of the Massachusetts Department of Environmental Protection at 436 Dwight Street in Springfield. Public file review sessions are held every Wednesday. For more information about file review, please call the DEP Service Center at (413) 784-1100.

If you have any questions or comments relative to this correspondence, please feel free to contact the undersigned at your earliest convenience.

Very truly yours,

TIGHE & BOND, INC.



Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\MM0375\AUL TERMINATION\PUBLICNOTICE-LTR.DOC

Copy: David Ziomek, Montague EDIC
Montague Board of Health
David Jensen, Montague Building Inspector
Montague Zoning Board

**NOTICE OF TERMINATION OF AN
ACTIVITY AND USE LIMITATION**

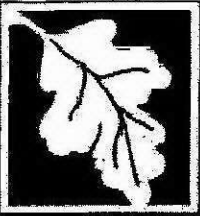
**Great Falls Discovery Center
Avenue A & Second Street
Turners Falls, MA
DEP Release Tracking Number 1-0494**

Pursuant to the Massachusetts Contingency Plan (310 CMR 40.1073), the **NOTICE OF ACTIVITY AND USE LIMITATION** on the above **TIER II** disposal site which was recorded and/or registered with the Franklin County Registry of Deeds on June 23, 2000 was **TERMINATED** on September 17, 2004.

The modification(s) to the **NOTICE OF ACTIVITY AND USE LIMITATION** is as follows:

- The Activity and Use Limitation has been terminated because additional response actions are necessary to support the conclusion that a condition of No Significant Risk has been achieved at the property, and therefore, site uses and activities within the Activity and Use Limitation area (where contaminants remain in subsurface soils) are no longer subject to the restrictions previously specified in the Notice of Activity of Use Limitation.

Any person interested in obtaining additional information or reviewing the **TERMINATED NOTICE OF ACTIVITY AND USE LIMITATION** and the disposal site file may contact **Paul G. Beaulieu, PWS, LSP of Tighe & Bond, 53 Southampton Road, Westfield, Massachusetts 01085** at (413) 562-1600.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC113

ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

A. DISPOSAL SITE LOCATION:

- 1. Disposal Site Name: Great Falls Discovery Center
- 2. Street Address: Avenue A & Second Street
- 3. City/Town: Turners Falls 4. ZIP Code: 01376-0000



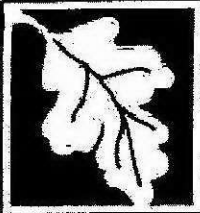
- 5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.
 - a. Tier 1A b. Tier 1B c. Tier 1C d. Tier 2

6. If a Tier I Permit has been issued, provide Permit Number: _____

B. THIS FORM IS BEING USED TO: (check one)

- 1. Submit a certified copy of a **Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1074.
 - 2. Submit an **Evaluation of Changes in Land Uses/Activities and/or Site Conditions after a Response Action Outcome Statement** has been filed pursuant to 310 CMR 40.1080.
 - 3. Submit a certified copy of an **Amended Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1081
 - 4. Submit a certified copy of a **Partial Termination of a Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1083(3).
 - 5. Submit a certified copy of a **Termination of a Notice of Activity and Use Limitation**, pursuant to 310 CMR 40.1083(1)(d).
 - 6. Submit a certified copy of a **Grant of Environmental Restriction**, pursuant to 310 CMR 40.1071.
 - 7. Submit a certified copy of an **Amendment of a Grant of Environmental Restriction**, pursuant to 310 CMR 40.1081(3).
 - 8. Submit a certified copy of a **Partial Release of a Grant of Environmental Restriction**, pursuant to 310 CMR 40.1083(2).
 - 9. Submit a certified copy of a **Release of a Grant of Environmental Restriction**, pursuant to 310 CMR 40.1083(1)(c).
 - 10. Submit a certified copy of a **Confirmatory Activity and Use Limitation**, pursuant to 310 CMR 40.1085(4).
11. Provide Additional RTNs:
- a. Check here if this AUL Submittal covers additional Release Tracking Numbers (RTNs).
 - b. Provide the additional Release Tracking Number(s) covered by this AUL Submittal. - -

(All sections of this transmittal form must be filled out unless otherwise noted above.
BWSC113A is required for all submittals listed above)



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

C. AUL INFORMATION:

1. Document (per Section B) Recording and/or Registration Information:

a. Name of Registry of Deeds and/or Land Registration Office: Franklin County Registry of Deeds

b. Book and Page Number and/or Document Number: _____

c. Date of recording and/or registration: _____
mm/dd/yyyy

2. Is the address of the property subject to AUL different from the disposal site address listed above?

a. No b. Yes If yes, then fill out address section below.

3. Street Address: _____

4. City/Town: _____ 5. ZIP Code: _____

D. PERSON SUBMITTING AUL TRANSMITTAL FORM:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions

2. Name of Organization: Montague Economic Development Corporation

3. Contact First Name: Jay 4. Last Name: Dipucchio

5. Street: 38 Avenue A 6. Title: Chair

7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000

10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: (413) 863-3070

13. Is the person described in this section the owner of the property?

a. Yes b. No, if checked then Section G must be filled out by at least one owner.

c. Check here if providing names and addresses of any additional owners in an attachment.

E. RELATIONSHIP TO DISPOSAL SITE OF PERSON SUBMITTING AUL TRANSMITTAL FORM: (check one)

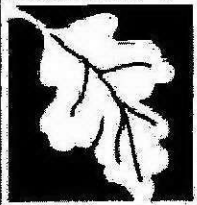
1. RP or PRP a. Owner b. Operator c. Generator d. Transporter

e. Other RP or PRP Specify: _____

2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

4. Any Other Person Submitting AUL Specify: _____



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

F. REQUIRED ATTACHMENT AND SUBMITTALS:

- 1. Check here to certify that notice of the proposed Activity and Use Limitation (AUL) was given to all record-interest holders, if any, in accordance with 310 CMR 40.1074(1)(e), via certified mail.
 - a. Check here if there were no record interest holders.
 - b. Date of certified mailing: _____
mm/dd/yyyy
 - c. Check here to certify that names and addresses of all record holders notified is attached.
- 2. Check here to certify that within 30 days of recording and/or registering the AUL, including amending, releasing or terminating the AUL, a copy of the AUL was/will be provided to the Chief Municipal Officer, the Board of Health, the Zoning Official, and the Building Code Enforcement Official in the community(ies) where the the property subject to such Activity and Use Limitation is located.
- 3. Check here to certify that within 30 days of recording and/or registering the AUL, including amending, releasing or terminating the AUL, a Legal Notice was/will be published in a newspaper with circulation in the community(ies) where the property subject to the AUL is located.
- 4. Check here to certify that within 7 days of publishing a Legal Notice in a newspaper with circulation in the community(ies) where the property subject to the AUL is located, a copy of the notice was/will be submitted to DEP.
- 5. Check here to certify that within 30 days of recording and/or registering the AUL, including amending, releasing or terminating the AUL, a certified copy of the AUL, including the LSP Opinion containing the material facts, data, and other information, will be submitted to DEP.
- 6. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to the DEP Regional Office.
- 7. If an **Evaluation of Changes in Land Uses/Activities and/or Site Conditions after a Response Action Outcome Statement** is being submitted, check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

G. CERTIFICATION OF OWNER OF PROPERTY, IF NOT PERSON SUBMITTING AUL TRANSMITTAL FORM:

1. I, _____, attest under the pains and penalties of perjury that I am the owner of said property(ies), subject to the AUL

2. _____ 3. Date: _____
Signature mm/dd/yyyy

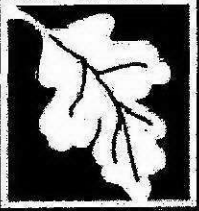
4. Name of Organization: _____

5. Contact First Name: _____ 6. Last Name: _____

7. Street: _____ 8. Title: _____

9. City/Town: _____ 10. State: _____ 11. ZIP Code: _____

12. Telephone: _____ 13. Ext.: _____ 14. FAX: _____



ACTIVITY & USE LIMITATION (AUL) TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.1056 & 40.1070 - 40.1084 (Subpart J)

1 - 494

H. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Pursuant to 310 CMR 40.1074 (1)(f), I also hereby certify under penalties of perjury, that either I (if person submitting the AUL Transmittal Form is the property owner), or

MONTAGUE ECONOMIC DEVELOPMENT & INDUSTRIAL CORP.

2. Name of Property Owner

am/is identified on the Notice of AUL as the owner of the property subject to the AUL, owned such property on the date that the AUL was recorded and /or registered

3. By: Jay Dipucchio
Signature

4. Title: Chair

5. For: Montague Economic Development & Industrial Corp.
(Name of person or entity recorded in Section D)

6. Date: 08/28/2004
mm/dd/yyyy

7. Check here if the address of the person providing certification is different from address recorded in Section D.

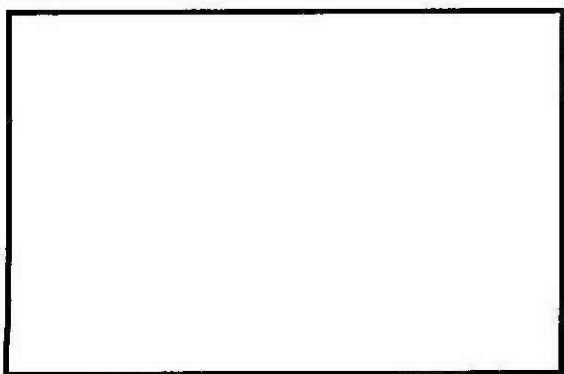
8. Street: _____

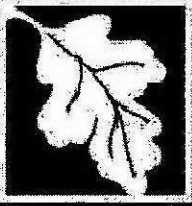
9. City/Town: _____ 10. State: _____ 11. ZIP Code: _____

12. Telephone: _____ 13. Ext.: _____ 14. FAX: _____

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

[Handwritten Signature]

BWSC111

**AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

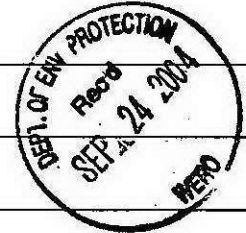
A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: Heritage State Park/Great Falls Discovery Center

2. Street Address: Avenue A and Second Street

3. City/Town: Montague

4. ZIP Code: 01376-0000



5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

- a. Tier 1A b. Tier 1B c. Tier 1C d. Tier 2

6. If a Tier I Permit has been issued, provide Permit Number: _____

B. THIS FORM IS BEING USED TO: (check one)

1. Submit an **Audit Follow-Up Plan** (Section C is not required).
 2. Submit a **Modified or Revised Audit Follow-Up Plan** (Section C is not required).
 3. Submit a **Post-Audit Completion Statement**.

4. Provide Additional RTNs:

a. Check here if this Audit Submittal covers additional Release Tracking Numbers (RTNs).

b. Provide the additional Release Tracking Number(s) - -

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. POST-AUDIT RESPONSE ACTIONS SUMMARY:

1. Notice of Audit Finding Date Issued: 12/24/2003
mm/dd/yyyy

2. Documentation (check all that apply):

- a. Provided Technical Justification, or Supporting or Clarifying Information Relating to Previous Response Actions
 b. Performed Additional Risk Assessment
 c. Modified Disposal Site Boundary

3. Field Work (check all that apply):

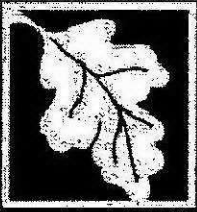
a. Sampled Previously Assessed Media (check all that apply):

- Soil GW SW Sediment Air Waste Material

b. Sampled New Media Not Previously Assessed (check all that apply):

- Soil GW SW Sediment Air Waste Material

c. Performed Remediation Describe: _____



**AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

C. POST-AUDIT RESPONSE ACTIONS SUMMARY: (cont.)

4. Outcome (Check all that apply and submit appropriate transmittal form(s)):

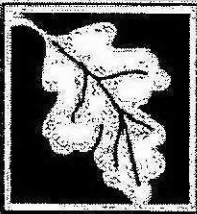
- a. Implemented or Amended Activity and Use Limitation
- b. Modified Risk Assessment Method
- c. Revised Response Action Outcome (RAO) Class
- d. Revised Tier Classification
- e. Revised or Modified Phase Work
- f. Retracted RAO Statement
- g. Other: Terminated AUL, evaluated data, prepared schedule for Phase II and RAO

D. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an **Audit Follow-up Plan, or a Modified or Revised Audit Follow-up Plan** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Post-Audit Completion Statement** is being submitted, the Post-Audit response action(s) that is (are) the subject of this submittal as required to correct either violations and/or deficiencies identified by DEP in a Notice of Audit Finding pursuant to 310 CMR 40.1140 (i) has (have) been developed, implemented and completed in accordance with the applicable provisions of M.G.L. c.21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c.21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, approvals, or Audit Follow-up Plans pursuant to 310 CMR 40.1160 as identified in this submittal. Development, implementation and completion of the Post-Audit response action(s) have corrected the violations and/or deficiencies identified by DEP in the Notice of Audit Finding. This Statement does not (1) apply to actions or other aspects of the site that were not reviewed in the audit, (2) preclude future audits of past, current, or future actions at the site, (3) in any way constitute a release from any liability, obligation, action or penalty under M.G.L. c.21E, 310 CMR 40.0000, or any other law, regulation, or requirement, or (4) limit the Department's authority to take or arrange, or to require any Responsible Party or Potentially Responsible Party to perform, any response action authorized by M.G.L. c.21E, which the Department deems necessary to protect health, safety, public welfare or the environment.



**AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST-AUDIT COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

D. LSP SIGNATURE AND STAMP: (cont.)

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul G.

3. Last Name: Beaulieu

4. Telephone: (413) 875-1302

5. Ext.: _____

6. FAX: (413) 568-9764

7. Signature: Paul G. Beaulieu

8. Date: 09/16/04
mm/dd/yyyy

9. LSP Stamp:



E. PERSON RESPONDING TO AUDIT:

1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions

2. Name of Organization: Montague Economic Development & Industrial Corporation

3. Contact First Name: Jay

4. Last Name: Dipucchio

5. Street: 38 Avenue A

6. Title: Chairperson

7. City/Town: Turners Falls

8. State: MA

9. ZIP Code: 01376-0000

10. Telephone: (413) 863-3221

11. Ext.: _____

12. FAX: _____

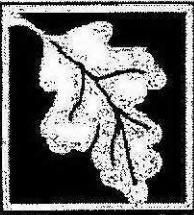
F. RELATIONSHIP TO SITE OF PERSON RESPONDING TO AUDIT:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____

2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

4. Any Other Person Responding to Audit Specify Relationship: _____



**AUDIT FOLLOW-UP PLAN TRANSMITTAL FORM
& POST- AUDIT COMPLETION STATEMENT**

Release Tracking Number

1 - 494

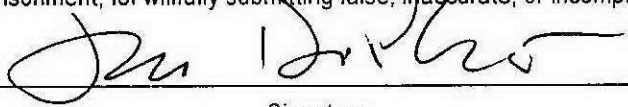
Pursuant to 310 CMR 40.1160 - 40.1170 (Subpart K)

G. REQUIRED ATTACHMENT AND SUBMITTALS:

- 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
- 2. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

H. CERTIFICATION OF PERSON RESPONDING TO AUDIT:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By:  3. Title: Chairperson
Signature

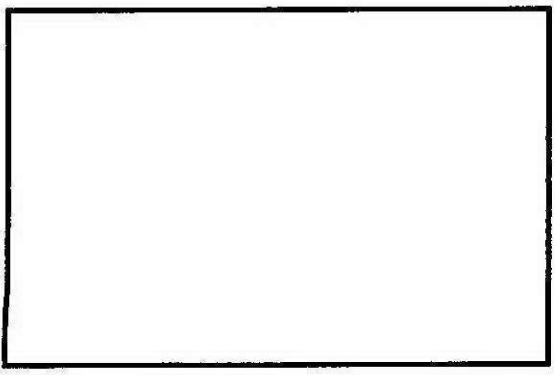
4. For: Montague Economic Development & Industrial Corp. 5. Date: 08/28/2004
(Name of person or entity recorded in Section E) mm/dd/yyyy

6. Check here if the address of the person providing certification is different from address recorded in Section E.

7. Street: _____
8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____
11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

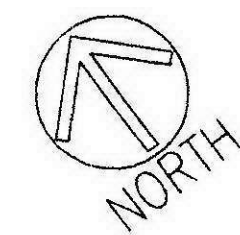
Date Stamp (DEP USE ONLY:)



Priority Pollutant Metals (Table 2): Compared to MCP S-1/GW-2 & S-1/GW-3
 Clough, Harbour & Associates RAO Analytical Data
 RTN #1-494

SAMPLE AREA	CHA1-S1		CHA1-S2		CHA1-S3		CHA2-S1		CHA2-S2		CHA3-S1		CHA4-S1		CHA4-S2		CHA6-S1		CHA7-S1		CHA7-S2		CHA7-S3		MCP S-1/GW-2		MCP S-1/GW-3		E.P.C.*				
	Hot Spot	Property	Hot Spot (1)	Property	Hot Spot (1)	Property	AUL	Property	AUL	Property	Hot Spot	Property	Hot Spot	Property	Hot Spot	Property	Hot Spot	Property	Hot Spot	Property	Hot Spot	Property	AUL	Property	Hot Spot	Property	mg/kg	mg/kg	mg/kg	mg/kg			
Antimony	113 (2.82)	nd (2.96)	nd (2.96)	nd (2.64)	nd (0.09)	nd (2.96)	nd (2.72)	34.9 (3.08)	5.15 (3.15)	12.2 (2.75)	8.76 (2.82)	nd (2.76)	nd (2.80)	10	10	1.475	1.3675																
Arsenic	14.8 (2.82)	nd (2.96)	nd (2.96)	nd (2.64)	5.28 (3.09)	7.08 (2.72)	11.7 (3.08)	30.3 (3.15)	11.3 (2.75)	9.89 (2.82)	nd (2.76)	7.58 (2.80)	30	30	4.71	1.3675																	
Beryllium	nd (0.470)	nd (0.493)	nd (0.493)	nd (0.440)	nd (0.616)	nd (0.493)	nd (4.54)	nd (5.13)	nd (0.526)	nd (4.56)	nd (4.71)	nd (0.461)	nd (0.654)	0.7	0.7	0.277	0.225																
Cadmium	9.03 (0.941)	nd (0.986)	nd (0.986)	nd (0.880)	3.20 (1.03)	1.87 (0.985)	nd (9.08)	19.0 (1.03)	5.89 (1.05)	nd (9.16)	5.37 (9.42)	nd (0.922)	nd (0.935)	30	30	1.846	0.456																
Chromium	32.8 (0.941)	11.2 (0.986)	14.4 (0.880)	14.4 (0.880)	22.4 (1.03)	16.7 (0.808)	26.5 (1.03)	40.1 (1.05)	22.8 (3.16)	96.4 (9.42)	147. (9.42)	3.32 (0.922)	22.8 (0.935)	1,000	1,000	17.86	15.75																
Copper	2330 (0.941)	35.6 (0.986)	22.3 (0.880)	22.3 (0.880)	330 (1.03)	20.6 (0.985)	25.9 (0.908)	636 (1.03)	507 (1.05)	29.8 (3.16)	147. (9.42)	8.20 (0.922)	22.8 (0.935)	N/A	N/A	131.66	27.9																
Lead	24900 (1.88)	231 (1.97)	14.6 (1.76)	14.6 (1.76)	17.5 (0.200)	20.6 (0.92)	64.8 (1.82)	2,530 (2.05)	1,960 (2.10)	36.6 (1.83)	1090 (1.88)	8.57 (1.84)	70.9 (1.82)	300	300	233.1	60.7																
Mercury	41.1 (0.941)	0.402 (2.01)	nd (0.183)	nd (0.183)	54.8 (2.45)	19.3 (0.985)	nd (4.90)	0.673 (0.214)	0.647 (0.210)	nd (1.83)	568 (1.93)	nd (1.83)	nd (1.83)	20	20	0.414	0.0983																
Nickel	nd (2.82)	7.58 (0.986)	20.2 (0.880)	20.2 (0.880)	22.7 (1.03)	19.3 (0.985)	50.6 (1.03)	33.1 (1.05)	33.1 (1.05)	20.3 (3.16)	102. (9.42)	7.47 (0.922)	19.6 (0.935)	300	300	16.99	18.3																
Selenium	nd (1.88)	nd (2.96)	nd (2.64)	nd (2.64)	nd (3.09)	nd (3.85)	nd (2.72)	nd (3.08)	nd (3.15)	nd (2.75)	nd (2.82)	nd (1.84)	nd (2.80)	400	400	1.475	1.3675																
Silver	nd (1.88)	nd (1.97)	nd (1.76)	nd (1.76)	nd (3.09)	nd (3.85)	nd (2.72)	nd (3.08)	nd (3.15)	nd (2.75)	nd (2.82)	nd (1.84)	nd (2.80)	100	100	0.983	0.9125																
Thallium	nd (2.82)	nd (2.96)	nd (2.64)	nd (2.64)	nd (3.09)	nd (3.85)	nd (2.72)	nd (3.08)	nd (3.15)	nd (2.75)	nd (2.82)	nd (1.84)	nd (2.80)	8	8	1.475	1.3675																
Zinc	6750 (0.941)	118 (0.986)	32.5 (0.880)	32.5 (0.880)	699 (1.03)	28.7 (0.985)	57.8 (0.908)	4,180 (1.03)	2,980 (1.05)	89.9 (3.16)	1710 (9.42)	18.9 (0.922)	94.3 (0.935)	2500	2500	360.1	63.75																

(*) Method Detection Limit
 * = AUL Exposure Point Concentration: 3 AUL sample site results summed and then divided by 3. Where nd indicated, 5 of MDL used in calculations.
 ** = Property Exposure Point Concentration: 2 Property sample site results summed and then divided by 2. Where nd indicated, 5 of MDL used in calculations.
 Bold = Exceeds MCP S-1/GW-2 or S-1/GW-3 standards
 (1) = Sample located below CHA1-S1 and collected from same boring
 VENGRD01A\PROJECTS\MM0379\DATA\CHACHAN\AnalyticalResults.xls



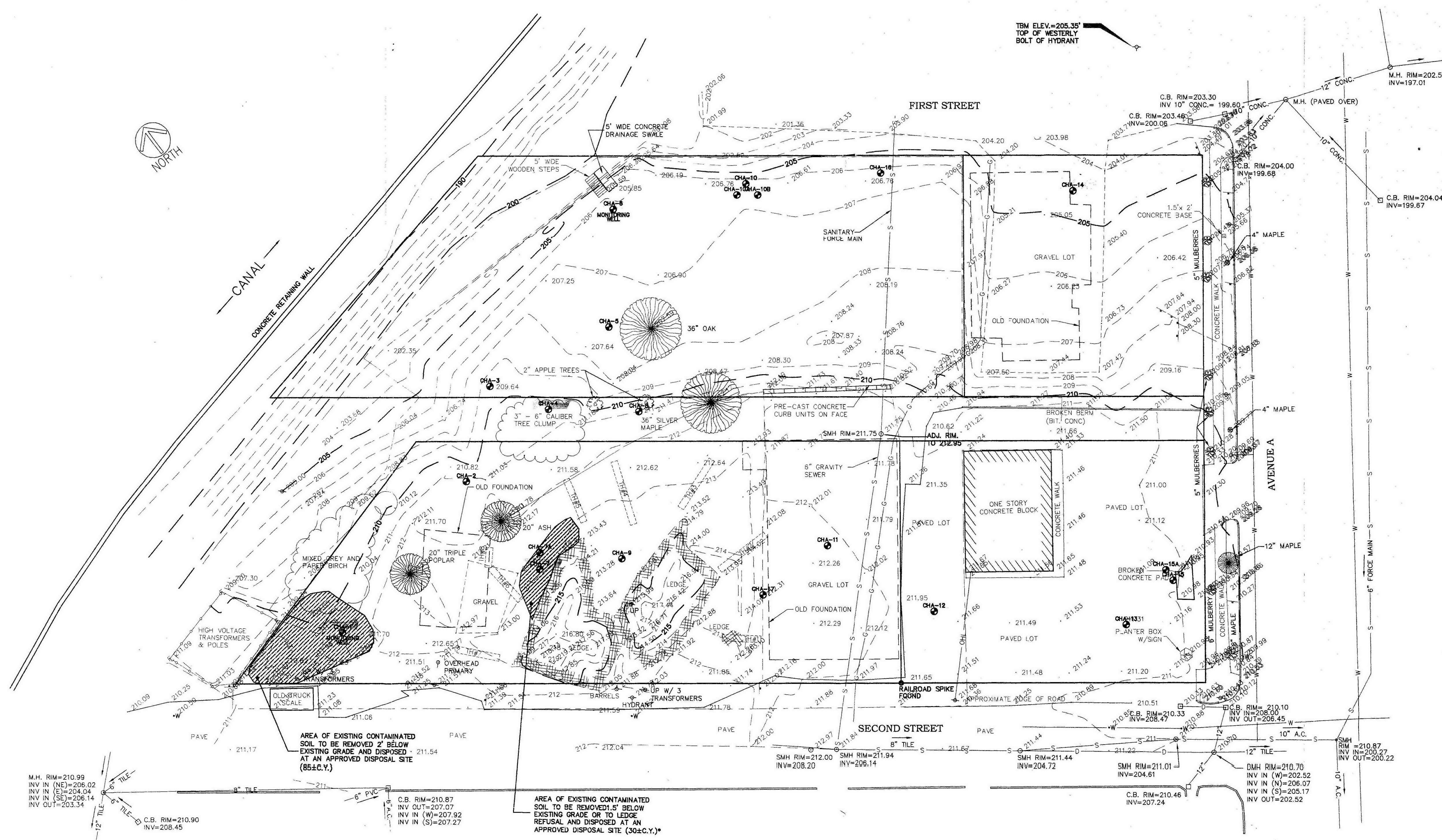
TBM ELEV.=205.35'
TOP OF WESTERLY
BOLT OF HYDRANT

NOTES:

1. THE SURVEY PROPERTY LINE AND EASEMENT INFORMATION SHOWN WAS PREPARED BY CLOUGH, HARBOUR & ASSOCIATES, LLP ON APRIL 9, 1998.
2. THE PROPOSED BORING LOCATIONS AND RELEASE ABATEMENT MEASURES PLAN SHOWN ON THIS PLAN WERE PREPARED BY CLOUGH, HARBOUR & ASSOCIATES, LLP ON APRIL 9, 1998.
3. THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVEGROUND STRUCTURES AND/OR UTILITIES FROM FIELD LOCATION AND RECORD MAPPING. EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH UTILITIES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN LOCATING ANY WORK.
4. 72 HOURS BEFORE YOU DIG, DRILL, OR BLAST, CALL OR SAVE AT 1-800-344-7222.
5. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE ENGINEER.
6. THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.

GRADING AND UTILITIES:

1. PRIOR TO STARTING OPERATIONS COORDINATE WITH THE INVOLVED UTILITY COMPANIES AND THE TOWN OF MONTAGUE TO ENSURE ALL WORK WILL BE CONDUCTED IN ACCORDANCE WITH THE STANDARDS OF THE UTILITY OR THE AGENCY.
MONTAGUE DPW - F. MONTAGUE, CHIEF OF POLICE
WESTERN MASS ELECTRIC CO., TOM BALABON 489-3015
NYNEX, MIKE MASTIN 447-7935
CABLE TV 343-0074
BERKSHIRE GAS COMPANY, 1-800-292-5019
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SITE EXAMINATION IN ORDER TO PREPARE THE SITE FOR CONSTRUCTION.
3. MAXIMUM PAVEMENT SLOPE IS 3.0%. MINIMUM SLOPE IS 0.5%.
4. ALL NEW PAVING SHALL BLEND TO EXISTING SURFACES WITH A SMOOTH, EVEN, CONTINUOUS GRADE AND SURFACE.
5. THE GRADING MAY BE ADJUSTED DURING CONSTRUCTION ONLY AFTER APPROVAL BY THE LANDSCAPE ARCHITECT OR ENGINEER.
6. ALL WATERGATES, ELECTRIC, TELEPHONE, SEWER AND STORM DRAIN MANHOLES SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET PROPOSED FINISH GRADES. 4" SURF LAD WITH A MINIMUM SLOPE OF 1/8", MINIMUM COVER OF 5" AND HORIZONTAL CLEARANCE OF 10".
7. UTILITY LINE CROSSINGS SHALL HAVE A MINIMUM CLEARANCE BETWEEN PIPES OF 6" WITH A COMPACTED SAND CUSHION AND SIDEWALKS SHALL BE CONCRETE.



M.H. RIM=210.99
INV IN (NE)=206.02
INV IN (E)=204.04
INV IN (SE)=206.14
INV OUT=203.34

C.B. RIM=210.90
INV=208.45

C.B. RIM=210.87
INV OUT=207.07
INV IN (W)=207.92
INV IN (S)=207.27

AREA OF EXISTING CONTAMINATED SOIL TO BE REMOVED 1.5' BELOW EXISTING GRADE OR TO LEDGE REFUSAL AND DISPOSED AT AN APPROVED DISPOSAL SITE (30±C.Y.)

SMH RIM=212.00
INV=208.20

SMH RIM=211.94
INV=208.14

SMH RIM=211.44
INV=204.72

SMH RIM=211.01
INV=204.61

C.B. RIM=210.46
INV=207.24

DMH RIM=210.70
INV IN (W)=202.52
INV IN (N)=206.07
INV IN (S)=205.17
INV OUT=202.52

Hot Spot

ANL: used to determine Exposure Point Concentrations for CHA Analytical Results

PROPERTY: used to determine Exposure Point Concentrations for CHA Analytical Results

Revisions:	Drawn By:	App'd. By:	Date:	Designed By:	Date:	PROJECT LOCATION:	PREPARED BY:	PREPARED FOR:	BORING LOCATION PLAN AND RELEASE ABATEMENT MEASURES PLAN	Drawing No.
				STAFF	4/28/99	CANAL ROAD MONTAGUE, MASSACHUSETTS	CHA CLOUGH, HARBOUR & ASSOCIATES LLP ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS 171 PARK AVENUE - WEST SPRINGFIELD, MASSACHUSETTS 01090 - P.O. BOX 628 - 413-746-0796 CHA Project No. 8331.52	BOARD OF SELECTMEN MONTAGUE, MASSACHUSETTS	CANAL ROAD ARTS & INDUSTRIES PARKING PROJECT	BL-1
				Drawn By:	Date:				SCALE: 1" = 20'	
				BAB/JSB	4/30/99				DATE: 5/28/99	
				Checked By:	Date:					SHEET 5 OF 9
				WRG	4/30/99					
				UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION.						

M-0375-2-53 (1160)

January 31, 2005



Department of Environmental Protection
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, MA 01103

Attn: Richard Green

Re: Phase II Completion Report & Response Action
Outcome Statement
Heritage State Park/Great Falls Discovery Center
38 Avenue A, Turners Falls, MA
RTN: 1-00494

Dear Mr. Green:

On behalf of the Montague Economic Development & Industrial Corporation (MEDIC), we are pleased to submit this Phase II Completion Report and a Response Action Outcome (RAO) Statement for the above-referenced site. The Phase II and RAO were completed to comply with the requirements of the Massachusetts Department of Environmental Protection (DEP) Notice of Audit Findings (NAF) that was addressed to MEDIC on December 24, 2003. The NAF identified a number of issues with a previous RAO and Activity and Use Limitation (AUL) prepared and submitted on behalf of MEDIC by another consulting firm. To comply with the requirements of the NAF, MEDIC retracted the RAO and terminated the AUL in September 2004. Details of the subsequent response actions conducted by Tighe & Bond, on behalf of MEDIC, including a Phase II subsurface investigation conducted in October 2004 are provided below.

For your reference, a Site Locus Map (Figure 1), Massachusetts Geographic Information Systems (MassGIS) Map (Figure 2) and Site Plan (Figure 3) are included in Appendix A.

Site Description

The site is located in the Town of Montague, Village of Turners Falls, Massachusetts. Currently located on the site is a visitor's center with a parking lot and landscaped areas, which are associated facilities of the Great Falls Discovery Center (Great Falls), an environmental education center and museum. According to the DEP's Audit Memorandum (Attachment B of the NAF), previous industrial activities occurring on the property over the

past 100 years have included a blacksmith shop, coal storage, machine shop, scrap metal yard, and gasoline station and auto repair shop.

The site abuts a steep bank that slopes down to a power canal and the Connecticut River. Bedrock is shallow and outcrops are exposed in places throughout the site. Depth to groundwater and groundwater flow direction is unknown. Previous investigations conducted by Tighe & Bond at an adjacent property located approximately 100 meters to the southwest (RTN 1-0870) indicate that depth to bedrock in this portion of town ranges from 0 (surficial outcrops) to 13 ± feet below grade and that groundwater is not present in the overburden. This is consistent with information provided in DEP's Audit memorandum in which it is stated that previous consultants had installed two groundwater monitoring wells on the property to a depth of 14 feet did not contain groundwater. The assumed direction of groundwater flow at the Great Falls property is toward the northwest, toward the adjacent power canal.

Previous Report Reviews (Notice of Audit Findings 9/22/04)

Following receipt of the NAF by DEP, Tighe & Bond completed a summary letter (September 22, 2004) to address the deficiencies identified during the audit. As a result of the NOAF, Tighe & Bond completed the following actions:

- 1) Submittal of a Tier II Extension request;
- 2) Termination of the AUL at the Registry of Deeds;
- 3) Preparation and submittal of a Post-Audit Completion Statement;
- 4) Submittal of a schedule for submitting a Phase II Report and a revised risk characterization; and,
- 5) Submittal of a schedule for achieving an RAO at the site.

The Tier II Extension request was submitted on July 9, 2004. A copy of the extension request was provided in Appendix B of the September 22, 2004 summary letter. AUL termination documents were recorded at the Franklin County Registry of Deeds on September 17, 2004. Certified registry copies of those documents were included in Appendix C of the summary letter.

In accordance with the public notification procedures of the MCP (310 CMR 40.1403), public notification of submittal of the AUL Termination was made in the form of a letter to Montague public officials and publication of a legal notice in the *Greenfield Recorder*. Copies of the notification letter, legal notice and marginal references for the AUL Termination were also included in Appendix C of the summary letter.

Tighe & Bond completed a Post Audit Completion Statement, form BWSC -111. MEDIC officials signed the original form, which was included in Appendix D of the summary letter.

With respect to items 4 and 5 above, Tighe & Bond conducted a thorough review of the previous consultant's reports and other documentation provided to us by MEDIC with regard to previous MCP activities conducted on the property. The purpose of the review was to determine the degree to which the previous consultant had characterized the current site conditions through its soil sampling and analysis program, to determine the location of collected soil samples and to determine the adequacy of the existing data to calculate site contaminant exposure point concentrations (EPCs) and conduct a Risk Characterization for the site.

Based on review of the data, Tighe & Bond developed and reported preliminary EPCs for two separate areas of the site property to DEP in our September 22, 2004 report. Those two areas consisted of the area designated as the AUL area by the previous consultant and the remainder of the Great Falls property. We called these "preliminary" EPCs because the number of data points, particularly with respect to the former AUL area, was insufficient to properly evaluate risk. Useable data points within the former AUL area were limited to just four (4) sample point locations: CHA2-S1, CHA2-S2, CHA8-S1 and CHA17-S1. With this limited set of data points, it appeared that EPCs within the AUL area for four PAH compounds (benzo (a) anthracene, benzo (b) fluoranthene, benzo (a) pyrene and indeno (1,2,3-cd) pyrene) exceeded the applicable MCP cleanup standards. However, the reported concentrations for these PAH compounds were consistent with levels typically seen on sites with coal ash (a substance that is exempt from MCP reporting) deposition.

It is our understanding that no previous consultants who conducted assessment work on this site collected samples for coal and wood ash analysis. Tighe & Bond's experience in evaluating other sites in close proximity to the Great Falls property (RTN 1-0870) indicates that coal and wood ash is common in that part of the town. Additionally, a review of the site history provided in DEP's Audit memorandum indicates that past activities conducted on the site have included coal storage. Moreover, according to DEP's Audit memorandum, DEP personnel conducted an inspection of the Great Falls property on August 25, 2003 and during that inspection DEP personnel visually observed coal ash on the adjacent property, just off the Great Falls western property boundary.

The previous consultant did collect other soil samples from within the former AUL area, but the reported contaminant concentrations in those samples, for certain parameters, were sufficiently high that they were considered potential "hot spots" as defined by the MCP and were therefore considered separate exposure point concentrations. These samples were labeled as "hot spots" on the two tables that were provided in Appendix E of the summary letter. Specifically, sample locations CHA-1, CHA-4 and CHA-7 had highly elevated concentrations of extractable petroleum hydrocarbons, polynuclear aromatic hydrocarbons (PAHs), and/or metals.

In reviewing the previous consultant's RAO and RAM reports, we did see mention that soils from within those areas might have been excavated and removed from site (a notation to this effect was included on the site plan included with the RAO) but Tighe & Bond was unable to

find any documentation indicating that follow-up confirmation samples had been collected from those areas to show that soil contaminant concentrations had been reduced to below hot spot levels and/or to below MCP cleanup standards. Providing further indication that contaminated soils had been excavated and removed from the property is a statement in DEP's Audit Memorandum that "contaminated soil was transported from the site in October 1999."

EPCs for the remainder of the Great Falls property were calculated in our September 22, 2004 report using the results from the following CHA samples: CHA3-S1, CHA5-S1, CHA6-S1, CHA10-S1, CHA12-S2, CHA13-S2 and CHA14-S2. Based on our review of these data, it appears that the average contaminant concentrations across that portion of the Great Falls property are less than the applicable MCP S-1/GW2 and S-1/GW-3 cleanup standards and, therefore, do not pose a risk of harm to human health or the environment.

Phase II Investigation

To address the data gaps that Tighe & Bond identified during our review, a Phase II site investigation was conducted at the Great Falls site. The purpose of the Phase II activities was to collect additional data to confirm whether or not the contaminated soils within the "hot spot" areas had been removed and to develop additional data points for existing site soil conditions. Confirmation samples were collected and used to develop an adequate set of final EPCs for the former AUL area with the intent of either supporting a finding of No Significant Risk and a Class A RAO or conversely, if they showed that contaminant concentrations in those hot spot areas are indeed elevated, the data could then be used to develop a remediation plan to reduce those concentrations.

The following Phase II Investigation activities were completed for the site:

- Advancement of 3 soil borings and collection of three (3) soil samples from within the vicinity of former sample CHA-1 for EPH/PAH analysis. One of these samples was analyzed for microscopic identification of coal ash. The borings are identified as T&B B-1, B-2 and B-3 on the Site Plan included as Figure 3 in Appendix A.
- Advancement of two soil borings and collection of two (2) samples from the former CHA-4 sample area. These two samples were analyzed for arsenic, lead, zinc and antimony. One of these samples was also analyzed for coal ash identification. The borings are identified as T&B B-4, and B-5 on the Site Plan included as Figure 3 in Appendix A.
- Advancement of two soil borings and collection of two (2) samples from the former CHA-7 area for lead analysis. One of these samples was also analyzed for coal ash identification. The borings are identified as T&B B-6, and B-7 on the Site Plan included as Figure 3 in Appendix A.

Soil Sample Collection and Analysis

Seven soil borings were advanced using a direct push "Geoprobe" drilling vehicle. Figure 3 in Appendix A identifies the boring locations as B-1 through B-7. Borings B-1 through B-3 were advanced in the vicinity of boring CHA-1 where metals, PAHs and EPHs were reported above MCP S-1/GW-2 and S-1/GW-3 standards. Borings B-4 and B-5 were advanced in the area of boring CHA-4 where elevated concentrations of lead, zinc and antimony were reported in excess of MCP S-1/GW-2 and S-1/GW-3 standards. Borings B-6 and B-7 were advanced in the general vicinity of boring CHA-7, where lead was reported at elevated concentrations exceeding MCP S-1/GW-2 and S-1/GW-3 standards by the previous consultant.

Soil borings were advanced to a depth of eight feet below grade in each boring except B-6, which had a maximum depth of four feet. Soil samples were collected at four-foot intervals. Soil boring logs provided in Appendix B describe the soil characteristics as medium- to coarse-grained sand with varying amounts of gravel observed in a few of the borings at the surface. As noted in the boring logs, ash and fill material were observed in soil from boring B-4 at a depth of approximately four to five feet.

One soil sample was collected from each of the seven borings, with the exception of B-5 (two samples), stored on ice and submitted to Severn Trent Laboratory of Westfield, Massachusetts. As described above, analysis of each of the samples was dependent on the boring locations. Soil samples from B-1 through B-3 were submitted for EPH/PAH analysis. These three samples were collected from a depth interval of zero to four feet. Samples from boring locations B-4 and B-5 were submitted for analysis of arsenic, lead, zinc and antimony. The soil sample from B-4 was collected at depth interval of zero to four feet and the two samples from B-5 were collected from zero to four feet and four to eight feet, respectively. Soil samples were collected from B-6 and B-7 at a depth interval of zero to four feet and were submitted for analysis of lead.

Table 1 and Table 2, provided in Appendix C, summarize the results of these sample analyses. As shown on Table 1, PAH exceedances were observed in soil samples B-1 through B-3. More specifically, benzo (a) anthracene, benzo (b) flouranthene, and benzo (a) pyrene were detected in all three samples at concentrations exceeding the MCP Method S-1/GW-2 and S-1/GW-3 soil standards. Ideno (1,2,3-cd) pyrene was reported in soil samples from B-2 and B-3 and chrysene and benzo (k) fluoranthene were reported in B-2 only at concentrations that exceeded the MCP Method S-1/GW-2 and S-1/GW-3 soil standards. However, the microscopic analysis of the sample from B-2 identified the presence of wood ash (see Appendix D for the laboratory report). The PAH concentrations detected in these three samples are consistent with the concentrations typically associated with coal and wood ash and it is our opinion that the detected PAHs are exempt from MCP reporting in accordance with 310 CMR 40.0317(9).

More important, however, are the results of the EPH analyses in these three samples. Specifically, these three samples were collected from the area in which the previous consultant

had reported EPH concentrations in excess of 9,000 mg/kg in sample CHA1-S1. As indicated on Table 1 in Appendix C, each of the 3 hydrocarbon fractions for each of the three Tighe & Bond samples (B-1, B-2 and B-3) were detected at concentrations well below the applicable MCP standards and well below the most stringent S-1/GW-1 standards. Our data suggest that the previously identified contaminated soil was indeed excavated and removed from the site. Our field observations of the soil profile (see boring logs in Appendix B) confirm that the top two feet of soil in the former CHA1-S1 sample area consists of imported sand and gravel, underlain by native materials. Consequently, we have eliminated the former sample CHA1-S1 from the table and replaced it with Tighe & Bond samples B-1, B-2 and B-3 for the purposes of identifying current site soil conditions and calculating EPCs. Samples collected at greater depths in this area by the previous consultant (samples CHA1-S2 and CHA1-S3) have remained in the EPC calculation, as it is our belief that those soils were not removed from site and, consequently, still represent existing conditions. The data from those two samples indicate that soils below the two-foot depth were not contaminated at levels exceeding MCP standards.

Soil samples B-4 (0-4'), B-5 (0-4') and B-5 (4-8') were collected by Tighe & Bond in the area of the former consultant's sample CHA-4, which had elevated concentrations of antimony, lead and zinc at levels (in both the S-1 and S-2 depth intervals, i.e. from 0 to 4 feet below grade) not typically associated with coal or wood ash. However, Tighe & Bond's samples from the same area reported the presence of arsenic, lead and zinc at concentrations only marginally above the laboratory method detection limits and significantly below the applicable MCP Method S-1/GW-2 and S-1/GW-3 soil standards for each respective compound. Antimony was not detected above the laboratory detection limits in any of the three samples. Sample results are summarized on Table 2 in Appendix C. As a result of our Phase II investigation, we have eliminated the use of former samples CHA4-S1 and CHA4-S2 and replaced them with Tighe & Bond samples B-4 (0-4), B-5 (0-4) and B-4 (4-8) for the purposes of identifying current soil conditions and calculating final EPCs for the site.

Soil samples from B-6 and B-7 were collected by Tighe & Bond from the area of the previous consultant's sample CHA-7, which had reported lead at concentrations 1090 mg/kg, well above the MCP cleanup standard of 300 mg/kg. The lead concentrations in Tighe & Bond samples were 230 milligrams per kilogram (mg/kg) and 150 mg/kg, respectively, for B-6 and B-7. These reported concentrations are below the lead S-1/GW-2 and S-1/GW-3 standard of 300 mg/kg and indicate that the contaminated soils from this area have been excavated and disposed as indicated on the site plan included in the previous consultant's RAO for this property. Appendix D contains the complete analytical laboratory report for these samples. Summaries of the soil data are included on Table 1 and table 2 in Appendix C. As a result of our Phase II investigation, we have eliminated the use of former samples CHA7-S1 for the purposes of identifying current soil conditions and calculating final EPCs for the site.

In addition to the above-described chemical analyses, three Tighe & Bond soil samples (B-2 (0-4'), B-5 (0-4') and B-7 (0-4')) were analyzed for coal ash identification via microscopy analysis. According to the laboratory report (Appendix D), the morphology and chemistry of particles identified in B-5 and B-7 could represent a mix of asphalt and tar. Wood ash was observed in sample B-2. The PAH concentrations observed by Tighe & Bond in its sampling program and by the previous consultant at various locations across the Great Falls property are consistent with levels that one would associate with coal and/or wood ash and it is our opinion that they are exempt from reporting under the MCP in accordance with 310 CMR 40.0317(9), given our observations and those of DEP personnel, as reported in its Audit Memorandum.

The asphalt observed by the laboratory in samples B-5 and B-7 are likely associated with the repaving of the Great Falls property during its redevelopment as a visitor center/museum. Our boring logs for these two samples indicate that the top 4 ± inches of the boring at these two locations were comprised of asphalt and it is conceivable that asphalt was carried deeper into the boring during Geoprobe advancement. As such, the PAHs observed in these two samples may also be exempted from MCP reporting under 310 CMR 40.0317(12).

Data Quality

The samples collected by Tighe & Bond were analyzed by the Massachusetts DEP EPH/PAH and method 6010B for metals analyses. These are MCP Analytical Methods, the most current methodologies for these analyses and are appropriate for the site characterization and the site contaminant (petroleum and miscellaneous metals).

EPH hydrocarbon fractions were detected in each of the samples. The reporting limits for EPH carbon fractions were well below the MCP Method 1, S-1/GW-2 and S-1/GW-3 Cleanup Standards.

The laboratory case narrative for the EPH/PAH analyses indicates that the data meet the criteria for "presumptive certainty" for all analytes except three PAH compounds, which failed to meet recommended relative percent differences (RPD). However, because these compounds are associated with non-MCP regulated coal and wood ash, the outlying RPDs are not applicable with respect to determining data usability for the compounds used to conduct a risk assessment for this site.

The laboratory case narrative for the metals analyses conducted on samples collected by Tighe & Bond indicates that the data meet the criteria for presumptive certainty for all metals with the exception of antimony, which reported a calibration check standard recovery of 131%, just above the recommended limit of 130%. The STL case narrative reports that no corrective action is required for this standard. Therefore, based on a review of the data, field observations, and the laboratory MCP Case Narrative description, the data collected during this Tighe & Bond Phase II investigation is commensurate with its intended use and meets the PARCCS (precision, accuracy, repetitiveness, completeness, comparability and sensitivity) criteria, recommended for specifying quality assurance goals by the Department.

Some of the data generated by the previous consultant were used by Tighe & Bond to develop final EPCs for this site. As these data were generated before the presumptive certainty and PARCCS requirements, the laboratory reports for those samples do not address the issues of data usability in a case narrative. Nonetheless, Tighe & Bond has reviewed the laboratory reports used by the previous consultant and we note that the method detection limits for the EPH fractions are well below the MCP cleanup standards and the surrogate recoveries for these analyses fall within the acceptable limits. With respect to the metals analyses conducted by the previous consultant, we note that their laboratory's minimum detection limits (MDLs) were similar to the MDLs achieved by Tighe & Bond (all well below MCP cleanup standards) and that the reported detected concentrations for common metal parameters between the two laboratories are similar.

Risk Characterization

The Method 1 Risk Characterization considers the current and future site activities and uses, and determines the applicable soil and groundwater categories based upon information collected during the investigation. Contaminant concentrations at the site are then compared to applicable standards and a determination is made regarding whether a condition of No Significant Risk exists at the site. Because groundwater was not encountered during the investigations conducted at the Great Falls site and because samples collected below a depth of 2 feet by the previous consultant and by Tighe & Bond indicate that in-situ contaminant concentrations for both EPH and metals are less than the applicable cleanup standards, the Method 1 Risk Characterization addresses site soil only. This section presents general characteristics of the site that are applicable to the overall risk characterization, including applicable categorization of site soil and groundwater.

In support of an RAO for this site, the characterization of risk has been evaluated in accordance with the Method 1 Risk Characterization criteria as set forth in 310 CMR 40.0900 for EPH concentrations and metals concentrations. Detected PAH concentrations are associated with non-reportable coal and/or wood ash and as such, were not evaluated as part of the risk characterization for this RAO. Nonetheless, EPCs for PAHs for the unpaved portion of the property were reported in our summary letter of September 22, 2004 as all less than the S-1/GW-2 cleanup standards. Final EPCs for non-reportable PAHs within the former AUL area (see Table 1) are either beneath paved parking lot surfaces or beneath clean fill and landscaping geotextile barrier installed during the development of the Great Falls Discovery Center.

Soil and Groundwater Classification

For purposes of evaluating site risk, soil data collected from the site were compared to MCP Method 1 Risk Characterization Standards for EPH fractions and metals. This section provides a basis for the selection of site soil and groundwater classifications. Within an individual site, several applicable categories may be present, including one or more soil categories and one or

more groundwater categories. For this site, applicable groundwater categories include GW-2 and GW-3, while applicable soil categories include S-1/GW-2 and S-1/GW-3, as detailed below.

Based on site conditions, the soils in the paved portions of the Great Falls property would be considered S-2 soils as they are paved and, therefore, only potentially accessible. Soils in the unpaved, landscaped portions of the property are considered S-1 soils as they are considered accessible in accordance with 310 CMR 40.933(9). The unpaved soils are considered accessible because residual contamination is present within three feet of the ground surface. Children are potentially present on site, at high frequency and low intensity.

For the purpose of the risk assessment for this site, we have conservatively used the S-1 soil standards for all site soils.

Based on a review of the MassGIS map (Figure 2 in Appendix A) and on conditions at the site, groundwater at the site does not meet the criteria of groundwater category GW-1 because the site is not located within an area identified as a potentially productive aquifer, not within a designated Zone II of a public water supply and, according to Town officials, no private drinking water wells are located within 500 feet of the site. Groundwater is classified as GW-2 because portions of the site is located within 30 feet of an occupied building (the Discovery Center building). All groundwater is considered GW-3.

Thus, the applicable categories for the site are S-1/GW-2 and S-1/GW-3 for soil and GW-2 and GW-3 for groundwater. Although the appropriate groundwater categories have been identified, field and laboratory analytical data support the conclusion that groundwater has not been impacted by this release.

Risk Characterization

A Method 1 risk characterization was conducted in accordance with the requirements of the MCP to determine the risk of harm to health, safety, public welfare and the environment posed by residual contaminant concentrations in site soils. For the risk characterization, Exposure Point Concentrations (EPCs) were compared directly to the Method 1, S-1/GW-2 and S-1/GW-3 Cleanup Standards. EPCs for this site were defined as the average concentrations of the samples collected during the Tighe & Bond Phase II investigation and the samples collected by the previous consultant that represent current in-situ soil concentrations. As mentioned above, samples CHA1-S1, CHA4-S1, CHA4-S2 and CHA7-S1 have not been used in the calculation of EPCs as these soils have been removed from the site during remediation activities overseen by the previous consultant.

As shown in Table 1 (Appendix C), EPCs for the three EPH fractions are less than the applicable MCP Method 1, S-1/GW-2 and S-1/GW-3 Cleanup Standards. Table 2 presents the EPCs for the site metals of concern. The data indicate that all metal EPCs are less than the MCP S-1/GW2 and S-1/GW-3 cleanup standards. Based on these data and our evaluation, it is

our opinion that a condition of No Significant Risk to human health, public welfare and the environment has been achieved at the site for the MCP reportable substances at the site.

EPCs for the non-reportable PAH compounds are presented on Table 1 in Appendix C. The data indicate that all EPCs are less than the MCP cleanup standards, with the exception of the four PAHs with the lowest cleanup standard of 700 ug/kg. The concentrations for these four compounds are consistent with PAH concentrations associated with coal and wood ash. Access to these non-reportable compounds has been minimized through the paving of a majority of the area and through the use of clean cover and geotextile barriers. Additionally, it is our opinion that the exposure potential to these PAHs is no greater, (if not less given current site conditions) than the visible surface coal ash on adjacent parcels, as reported by DEP in its Audit Memorandum.

Feasibility of Achieving Background

The background concentrations for the EPH fractions and metals are considered to be non-detect as non-detectable concentrations for each of the analyzed parameters was reported in one or more of the site soil samples. However, given that all EPCs are less than the S-1/GW-2 and S-1/GW-3 Cleanup Standards, it is our opinion that the incremental cost of remobilizing the remediation contractor to remove pavement, excavate and dispose the minor volumes of residual contaminants to reduce contaminant concentrations to background levels and then repave the parking area is substantial and disproportionate to the incremental benefit of minor risk reduction and environmental restoration. Therefore, achieving background is considered technically "infeasible", as that term is defined in the MCP, for this site.

Response Action Outcome

Based on the above-described activities and the Method 1 risk characterization, a Class A-2 RAO has been prepared for this release. The Class A-2 RAO is applicable since residual EPH and metals concentrations exceed the background levels. The RAO form, BWSC104 and the Phase II Completion form, BWSC-108, are included in Appendix E of this report. The limits of the RAO to which this submittal refers are identified as the "Area of Response Action Outcome" on Figure 3 in Appendix A.

Public Notification

In accordance with the public notification requirements of the MCP 310 CMR 40.1403(3)(f), the Chief Municipal Officer and the Health Department of the Town of Montague have been notified of the availability of this RAO Statement and the Phase II Completion Report. Copies of letters notifying these officials are provided in Appendix F.

Limitations

The work described in this report was performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied is

made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposed, locations, time frames and project parameters indicated.

We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warranty the accuracy of information supplied by others, or the use of segregated portions of this report.

If you have any questions or comments regarding the contents of this report, please do not hesitate to contact the undersigned.

Very truly yours,

TIGHE & BOND, INC.



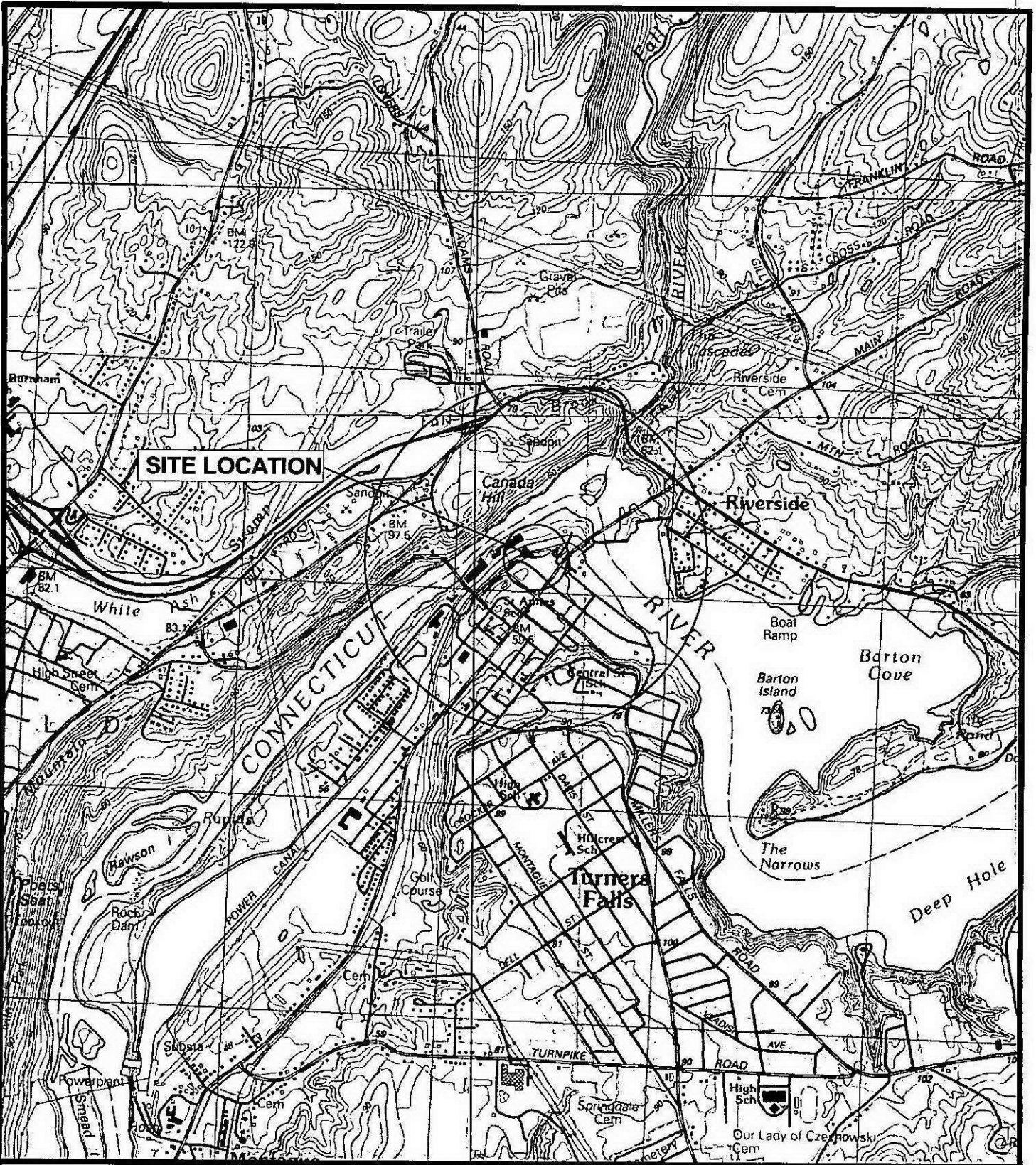
Paul G. Beaulieu, PWS, LSP
Senior Environmental Scientist

J:\M\3751\REPORT\MEDICA2-RAO.DOC

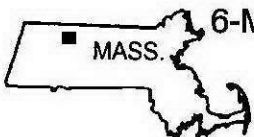
Cc: Jay Dipucchio, Chairperson, Montague Economic Development & Industrial Corporation

LIST OF APPENDICES

- Appendix A Figures
- Appendix B Boring Logs
- Appendix C Table 1 and table 2 – Analytical Data Summary
- Appendix D Laboratory Reports
- Appendix E Forms BWSC-104 (RAO) and BWSC-108 (Phase II Completion)
- Appendix F Public Notification Documentation



BASED ON USGS TOPOGRAPHIC MAPS FOR
 BERNARDSTON AND GREENFIELD, MA
 QUADRANGLES
 REVISED 1990



6-M CONTOUR INTERVAL



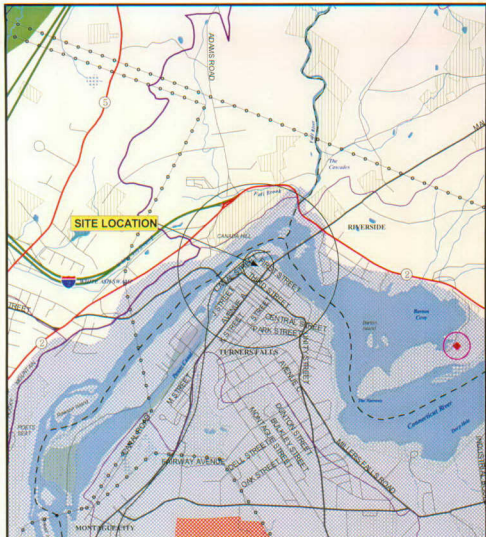
FIGURE 1
 SITE LOCUS

GREAT FALLS DISCOVERY CENTER
 38 AVENUE A
 TURNERS FALLS, MASSACHUSETTS

Tighe & Bond

SCALE: 1:25000

JANUARY 2005



BASED ON MassGIS MAP - FEBRUARY 2002. CIRCLES INDICATE 500-FOOT AND 1/2-MILE RADII.

- Non-Potential Drinking Water Source Area (Medium Risk)
- Non-Potential Drinking Water Source Area (High Risk)
- Potentially Productive Medium Yield Aquifer
- Potentially Productive High Yield Aquifer
- SP4 Designated State Source Aquifer
- DEP Approved Wetland Protection Area (2004)
- DEP Inactive Wetlands Protection Area (2004)
- Public Surface Water Supply Protection Area (Zone A)
- Lake, Pond, Stream or other Fresh Water Feature
- Bay Estuary or other Salt Water Feature
- Fresh Water Non-Freshwater Wetland
- Salt Water Wetland
- NatSP 2000 Priority Habitats for State-Protected Rare Species and Critical Habitats for Rare Wildlife
- Proposed and Recreational Open Space
- Areas of Critical Environmental Concern (ACEC)
- State Wildlife Lands

- Public Surface Water Supply (SP4)
- Community Public Water Supply - Surface Water
- Community Public Water Supply - Groundwater
- Non-Community Non-Treatment Public Water Supply
- Non-Community Treatment Public Water Supply
- NatSP 2000 Massachusetts Certified Vernal Pools
- Multi-Lane Highway, I-91 Limited Access
- Limited Access Highway
- Other Roadway/Highway
- Major Road - Connector
- Minor Road or Road
- Trail or Path
- State Boundary
- County Boundary
- Town
- Planning District
- Rivers and Streams
- Arroyo
- Water Storage Basin
- Sub-Drainage Basin
- USGS Quabbin Boundary



FIGURE 2
MassGIS MAPPING

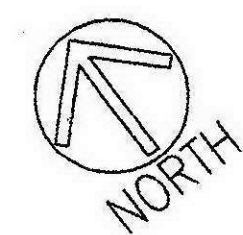
GREAT FALLS DISCOVERY CENTER
38 AVENUE A
TURNERS FALLS, MASSACHUSETTS

Tighe & Bond

SCALE: 1:25000

JANUARY 2005

MS75-04



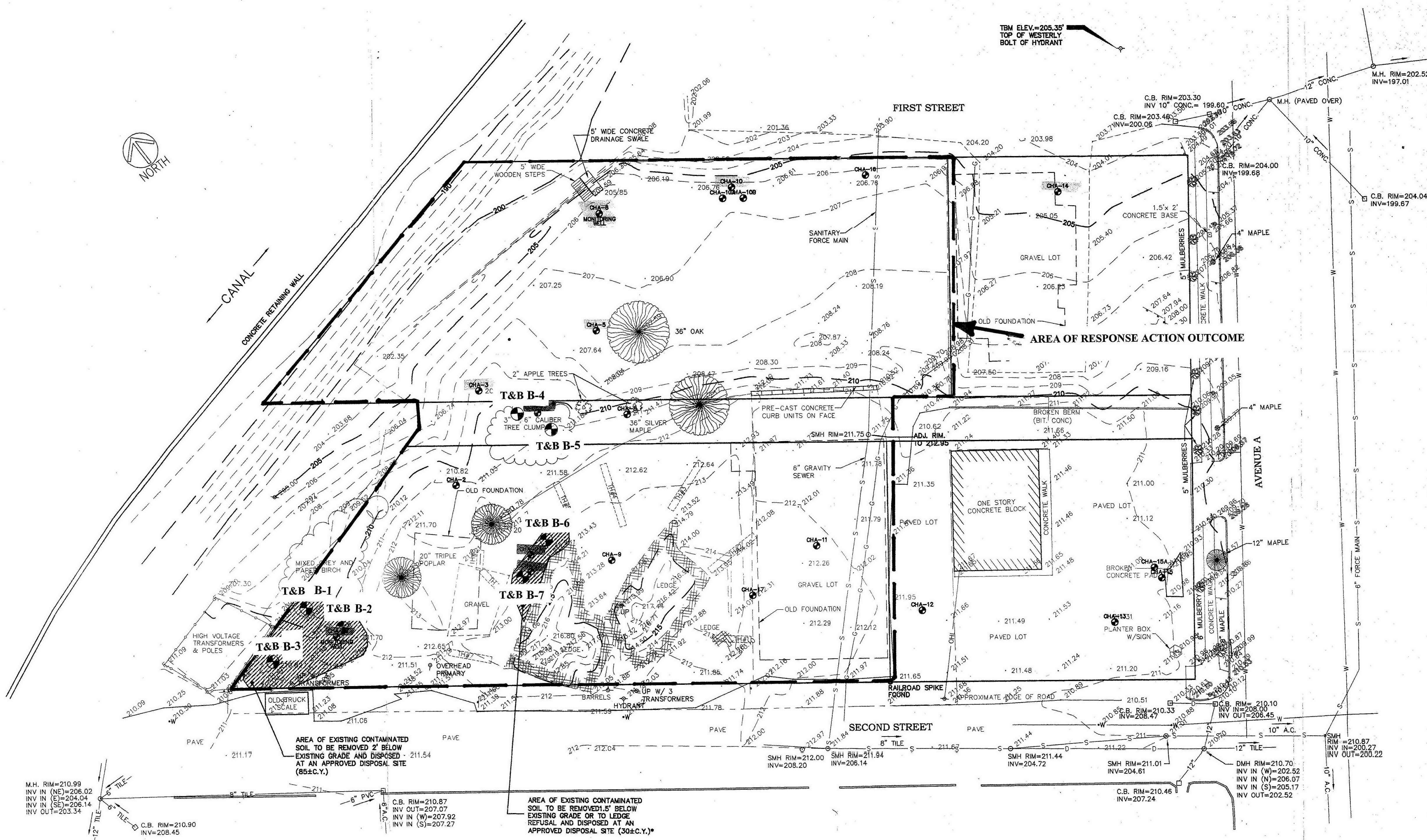
TBM ELEV.=205.35'
TOP OF WESTERLY
BOLT OF HYDRANT

NOTES:

1. THE SURVEY, PROPERTY LINE AND EASEMENT INFORMATION SHOWN WAS PREPARED BY CLOUGH, HARBOUR & ASSOCIATES, INC. ON 11/15/99.
2. THIS SURVEY WAS PREPARED BY CLOUGH, HARBOUR & ASSOCIATES, INC. ASSOCIATED ENVIRONMENTAL SCIENTISTS, INC. DATED 05/11/99.
3. THE PLANS SHOW SURVEYED PROPOSED AND EXISTING STRUCTURES AND/OR UTILITIES FROM FIELD LOCATIONS AND RECORD MAPPING. EXACT LOCATION OF UTILITIES AND STRUCTURES SHOULD BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH UTILITIES AND STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN ON THIS PLAN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK.
4. 72 HOURS BEFORE YOU DIG, SHAL OR BLAST, CALL OR SAFE AT 1-800-368-2222.
5. THE NUMBER SHALL BE NOTED BY WRITING OF ANY CONDITIONS THAT MAY VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESS APPROVAL OF THE ENGINEER.
6. THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.

GRADING AND UTILITIES:

1. PRIOR TO STARTING OPERATIONS COORDINATE WITH THE INVOLVED UTILITY COMPANIES AND THE TOWN OF MONTAGUE TO ENSURE ALL WORK WILL BE CONDUCTED IN ACCORDANCE WITH THE STANDARDS OF THE UTILITY OR THE TOWN.
2. MONTAGUE DEPT. OF PUBLIC WORKS
MONTAGUE CHIEF OF POLICE
WESTERN MASS. ELECTRIC CO. TOM BALARDINI 498-9015
HYDREX MIKE MASTRI 447-7935
CABLE TV 445-5071
BERKSHIRE GAS COMPANY, 1-800-292-5019
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SITE EXAMINATION IN ORDER TO PREPARE THE SITE FOR CONSTRUCTION.
4. MAXIMUM PAVEMENT SLOPE IS 3.0%. MINIMUM SLOPE IS 0.5%.
5. ALL NEW PAVING SHALL BLEND TO EXISTING SURFACES WITH A SMOOTH EVEN, CONTINUOUS GRADE AND SURFACE.
6. THE GRADING MAY BE ADJUSTED DURING CONSTRUCTION ONLY AFTER APPROVAL BY THE LANDSCAPE ARCHITECT OR ENGINEER.
7. ALL WATERGATES, ELECTRIC, TELEPHONE, SEWER AND STORM DRAIN MANHOLES SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET PROPOSED FINISH GRADES. 4" OR 36" LAD WITH A MINIMUM SLOPE OF 1/8". MINIMUM COVER OF 5" AND HORIZONTAL CLEARANCE OF 10".
8. UTILITY LINE CROSSINGS SHALL HAVE A MINIMUM CLEARANCE BETWEEN PIPES OF 6" WITH A COMPACTED SAND CUSHION AND SIDEWALKS SHALL BE CONCRETE.



**GREAT FALLS DISCOVERY CENTER
RTN: 1-0494
PHASE II INVESTIGATION AND RAO SITE PLAN**

⊕ T&B B-1 Phase II Investigation Boring Location


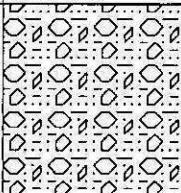
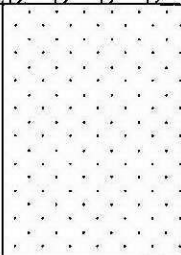
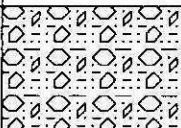
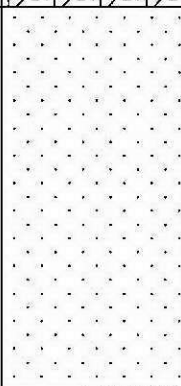
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Tighe&Bond

Direct Push Boring Log

PROJECT: Great Falls Discovery Center
 BORING LOCATION: Turners Falls, MA
 METHOD OF DRILLING: Truck-Mounted Geoprobe
 DRILLING CONTRACTOR: Martin Geo-Environmental
 INSPECTOR: NEM


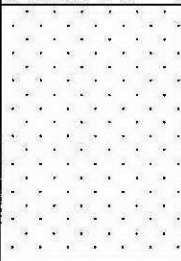
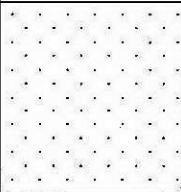
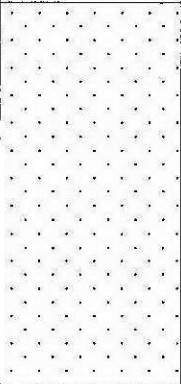
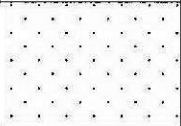
BORING NO.: B-1 (12-04)
 DATE: 12/8/04
 GROUND ELEV.:
 EST. GW DEPTH:
 WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols/ Field Test Data	Depth (ft)		Comments
						Elevation (ft)	
0-4	24/48		ASPHALT		0	0	
			SAND AND GRAVEL: Moist, brown m-c snd & gvl, tr brick				
4-8	36/48		SAND - MEDIUM TO COARSE: Dry, brown, little gvl				
			SAND AND GRAVEL: Wet, brown cs sand & gvl		-5	-5	
			SAND - MEDIUM TO COARSE: Moist, brown with black specks				

NOTES:

PROJECT: Great Falls Discovery Center
BORING LOCATION: Turners Falls, MA
METHOD OF DRILLING: Truck-Mounted Geoprobe
DRILLING CONTRACTOR: Martin Geo-Environmental
INSPECTOR: NEM

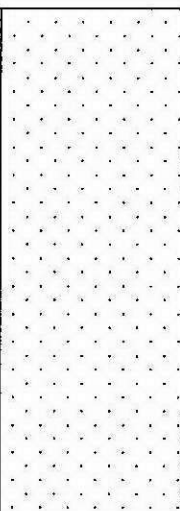
BORING NO.: B-2 (12-04)
DATE: 12/8/04
GROUND ELEV.:
EST. GW DEPTH:
WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols/ Field Test Data	Depth (ft)		Comments
						Elevation (ft)	
0-4	42/48		ASPHALT		0	0	
			SAND - MEDIUM TO COARSE: Dry, brown-grey ash -?				
4-8	42/48		SAND - MEDIUM TO COARSE: Moist, brown				
			SAND - MEDIUM TO COARSE: Moist, brown with black specks		-5	-5	
			SAND - MEDIUM TO COARSE: Moist, brown				

NOTES:

PROJECT: Great Falls Discovery Center
BORING LOCATION: Turners Falls, MA
METHOD OF DRILLING: Truck-Mounted Geoprobe
DRILLING CONTRACTOR: Martin Geo-Environmental
INSPECTOR: NEM

BORING NO.: B-3 (12-04)
DATE: 12/8/04
GROUND ELEV.:
EST. GW DEPTH:
WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols / Field Test Data	Depth (ft)	Comments
					Elevation (ft)	
0-4	24/48		SAND - MEDIUM TO COARSE: Wet, brown, ltl gvl		<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">0</div> <div style="border-left: 1px solid black; border-right: 1px solid black; width: 10px; height: 10px; margin: 0 5px;"></div> <div style="margin-right: 5px;">0</div> </div> <div style="margin-top: 100px; display: flex; align-items: center;"> <div style="margin-right: 5px;">-5</div> <div style="border-left: 1px solid black; border-right: 1px solid black; width: 10px; height: 10px; margin: 0 5px;"></div> <div style="margin-right: 5px;">-5</div> </div>	


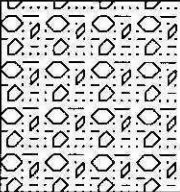
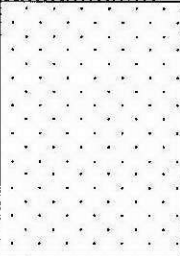
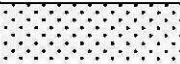


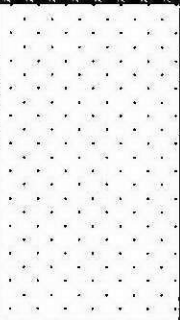
NOTES:

Tighe & Bond

Direct Push Boring Log

PROJECT: Great Falls Discovery Center
BORING LOCATION: Turners Falls, MA
METHOD OF DRILLING: Truck-Mounted Geoprobe
DRILLING CONTRACTOR: Martin Geo-Environmental
INSPECTOR: NEM


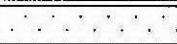
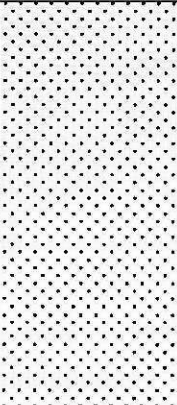
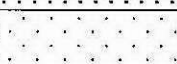
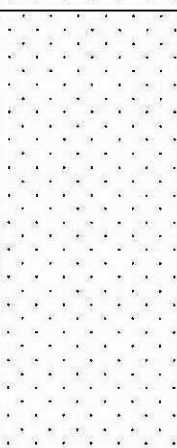
BORING NO.: B-4 (12-04)
DATE: 12/8/04
GROUND ELEV.:
EST. GW DEPTH:
WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols / Field Test Data	Depth (ft)	Comments
					Elevation (ft)	
0-4	42/48		ASPHALT		0	
			SAND AND GRAVEL: Dry, black m-c sand & gvi			
			SAND - MEDIUM TO COARSE: Dry, brown			
4-8	30/48		SAND - FINE TO MEDIUM: Dry, brown			
			ASH: Dry, light brown			
			FILL: Dry, black, wood & glass		-5	
			SAND - MEDIUM TO COARSE: Dry, brown		-5	

NOTES:

PROJECT: Great Falls Discovery Center
BORING LOCATION: Turners Falls, MA
METHOD OF DRILLING: Truck-Mounted Geoprobe
DRILLING CONTRACTOR: Martin Geo-Environmental
INSPECTOR: NEM

BORING NO.: B-5 (12-04)
DATE: 12/8/04
GROUND ELEV.:
EST. GW DEPTH:
WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols/ Field Test Data	Depth (ft)		Comments
						Elevation (ft)	
0-4	42/48		ASPHALT		0	0	
			SAND - MEDIUM TO COARSE: Dry, grey little gvl				
			SAND - FINE TO MEDIUM: Dry, brown-red, tr silt				
4-8	42/48		SAND - MEDIUM TO COARSE: Moist, brown ash - ?				
			SAND - MEDIUM TO COARSE: Moist, brown		-5	-5	

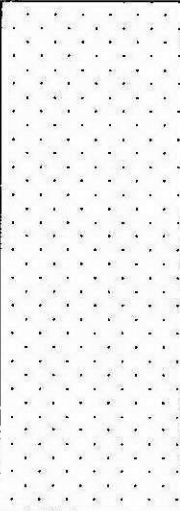
NOTES:

Tighe & Bond

Direct Push Boring Log

PROJECT: Great Falls Discovery Center
BORING LOCATION: Turners Falls, MA
METHOD OF DRILLING: Truck-Mounted Geoprobe
DRILLING CONTRACTOR: Martin Geo-Environmental
INSPECTOR: NEM


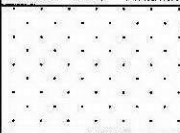
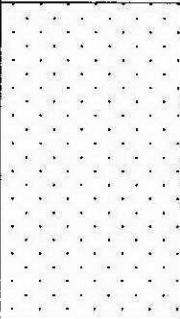
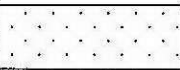
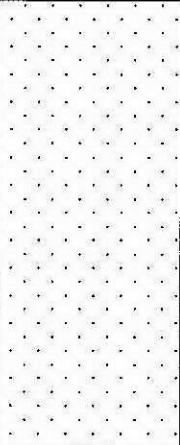
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DATE: 12/8/04
GROUND ELEV.:
EST. GW DEPTH:
WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols/ Field Test Data	Depth (ft)		Comments
						Elevation (ft)	
0-4			SAND - MEDIUM TO COARSE: Moist, brown, little rx fragments		0	0	
					-5	-5	

NOTES: Refusal at 2 ft below grade

PROJECT: Great Falls Discovery Center
BORING LOCATION: Turners Falls, MA
METHOD OF DRILLING: Truck-Mounted Geoprobe
DRILLING CONTRACTOR: Martin Geo-Environmental
INSPECTOR: NEM

BORING NO.: B-7 (12-04)
DATE: 12/8/04
GROUND ELEV.:
EST. GW DEPTH:
WEATHER: 35 F, clear

Depth Interval (ft)	Rec / Penn (in / in)	PID (ppm)	Soil Description	Soil Symbols/ Field Test Data	Depth (ft)		Comments
						Elevation (ft)	
0-4	36/48		ASPHALT		0	0	
			SAND - MEDIUM TO COARSE: Dry, grey little gvl & cobble				
			SAND - MEDIUM TO COARSE: Dry, brown				
			SAND - MEDIUM TO COARSE: Moist, brown				
4-8	42/48		SAND - MEDIUM TO COARSE: Moist, brown with black specks		-5	-5	

NOTES:

Table 1: Exposure Point Concentrations
 Great Falls Discovery Center
 Extractable Petroleum Hydrocarbons & PAHs
 Tighe & Bond/ Clough, Harbour & Associates RAO Analytical Data

SAMPLE AREA	B-1 (0-4)		B-2 (0-4)		B-3 (0-4)		CHA1-S2		CHA1-S3		CHA2-S1		CHA2-S2		CHA4-S1		CHA4-S2		CHA7-S2		CHA8-S1		CHA17-S1		MCP S-1/GW-2 mg/kg	MCP S-1/GW-3 mg/kg	E.P.C. (1) Former AUL area ug/kg					
	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL	FORMER AUL								
Aliphatics/Aromatics (mg/kg)																																
C9-C18 Aliphatic Hydrocarbons	5.3 (3.6)	nd (3.5)	4.7 (3.6)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	1,000	1,000	1,000			
C19-C36 Aliphatic Hydrocarbons	60 (3.6)	88 (3.5)	100 (3.6)	280 (3.3)	nd (3.3)	210 (3.3)	36 (3.3)	870 (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	2,500	2,500	2,500			
C11-C22 Aromatic Hydrocarbons	92 (3.6)	120 (3.5)	100 (3.6)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	nd (3.3)	800	800	800			
Diesel PAH Analytes (ug/kg)																																
Naphthalene	470 (360)	nd (350)	nd (360)	nd (151)	nd (133)	nd (331)	nd (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	100,000	100,000	156.7
2-Methylnaphthalene	nd (360)	nd (350)	nd (360)	nd (151)	nd (133)	nd (331)	nd (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	500,000	500,000	132.54			
Phenanthrene	5300 (360)	12000 (350)	4800 (360)	570 (151)	nd (133)	550 (331)	2100 (151)	400 (167)	730 (170)	nd (143)	1500 (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	132.54			
Acenaphthene	nd (360)	nd (350)	nd (360)	nd (151)	nd (133)	nd (331)	nd (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	2372.33			
Other Target PAH Analytes (ug/kg)																																
Acenaphthene	nd (360)	nd (350)	nd (360)	nd (151)	nd (133)	nd (331)	nd (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	132.54			
Acenaphthylene	nd (360)	2300 (350)	nd (360)	nd (151)	nd (133)	nd (331)	720 (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	100,000	100,000	363.33			
Anthracene	nd (360)	4000 (350)	940 (360)	160 (151)	nd (133)	nd (331)	1300 (151)	nd (167)	211 (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	634.63			
Benzo (a) anthracene	2100 (360)	8700 (350)	2300 (360)	390 (151)	nd (133)	420 (331)	6100 (151)	360 (167)	360 (170)	nd (143)	800 (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	700	700	1811.63				
Benzo (b) fluoranthene	1500 (360)	6400 (350)	1700 (360)	420 (151)	nd (133)	650 (331)	8100 (151)	930 (167)	690 (170)	nd (143)	820 (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	700	700	1711.50				
Benzo (k) fluoranthene	1600 (360)	7200 (350)	2500 (360)	250 (151)	nd (133)	nd (331)	4700 (151)	710 (167)	370 (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	7,000	7,000	1515.08				
Benzo (ghi) perylene	520 (360)	4200 (350)	1100 (360)	670 (151)	nd (133)	540 (331)	9000 (151)	940 (167)	340 (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	990.00				
Benzo (a) pyrene	1500 (360)	7300 (350)	2200 (360)	670 (151)	nd (133)	540 (331)	9000 (151)	1100 (167)	700 (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	700	700	1966.46				
Chrysene	1500 (360)	8600 (350)	2300 (360)	640 (151)	nd (133)	560 (331)	6300 (151)	790 (167)	510 (170)	nd (143)	850 (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	7,000	7,000	1866.50				
Dibenz(a,h) anthracene	400 (360)	3100 (350)	1000 (360)	nd (151)	nd (133)	nd (331)	940 (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	700	700	535.42				
Fluoranthene	4800 (360)	15000 (1700)	5300 (360)	840 (151)	nd (133)	1300 (331)	10000 (151)	770 (167)	980 (170)	nd (143)	2300 (730)	590 (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	3501.50				
Fluorene	960 (360)	1500 (350)	550 (360)	nd (151)	nd (133)	nd (331)	160 (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	346.25				
Indeno (1,2,3-cd) pyrene	nd (360)	2800 (350)	950 (360)	180 (151)	nd (133)	nd (331)	4500 (151)	770 (167)	280 (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	700	700	866.08				
Naphthalene	470 (360)	nd (350)	nd (360)	nd (151)	nd (133)	nd (331)	nd (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	100,000	100,000	156.70			
Phenanthrene	5300 (360)	12000 (350)	4800 (360)	570 (151)	nd (133)	550 (331)	2100 (151)	400 (167)	730 (170)	nd (143)	1500 (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	1,000,000	1,000,000	2372.30			
Pyrene	5100 (360)	13000 (1700)	5000 (360)	880 (nd)	nd (133)	1200 (331)	9600 (151)	840 (167)	800 (170)	nd (143)	2200 (730)	530 (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	700,000	700,000	3272.30				
2-Methylnaphthalene	nd (360)	nd (350)	nd (360)	nd (151)	nd (133)	nd (331)	nd (151)	nd (167)	nd (170)	nd (143)	nd (730)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	nd (145)	500,000	500,000	158.16				

(1) Method Detection Limit
 Italics = MADA P EPH 98-1 method used for PAH Analytes. Note: Some samples also analyzed using Method EPA 8270 I
 (1) = Exposure Point Concentration: Average concentration of 12 samples (C14 and T8B) from the former AUL area. Where nd indicated, 1/2 of MDL used in calculations.
 Bold = Excavated MCP S-1/GW-2 or S-1/GW-3 standards
 EPH results and standards reported in mg/kg
 PAH results and standards reported in ug/kg
 \NENGRDATA\PROJECTS\SM\0375\DATA\AnalyticalResults_Jan05.xls

Table 2: Exposure Point Concentrations
 Great Falls Discovery Center
 Priority Pollutant Metals
 Tighe & Bond/ Clough, Harbour & Associates RAO Analytical Data

SAMPLE AREA	CHA1-S2	CHA1-S3	CHA2-S1	CHA2-S2	CHA3-S1	B-4 (0-4)	B-5 (0-4)	B-5 (4-8)	B-6 (0-4)	CHA6-S1	B-7 (0-4)	CHA17-S1	MCP S-1/GW-2	MCP S-1/GW-3	E.P.C Property (mg/Kg)
Antimony	nd (2.96)	nd (2.64)	nd (3.09)	nd (2.96)	nd (2.72)	nd (2.6)	nd (2.6)	nd (2.1)	12.2 (2.75)	12.2 (2.75)	nd (2.80)	nd (2.80)	10	10	2.44
Arsenic	nd (2.96)	nd (2.64)	5.26 (3.09)	nd (2.96)	7.08 (2.72)	2.1 (1.3)	2.7 (1.3)	2.1 (1.0)	11.5 (2.75)	11.5 (2.75)	7.38 (2.80)	7.38 (2.80)	30	30	4.24
Beryllium	nd (0.493)	nd (0.440)	nd (5.16)	nd (0.493)	nd (4.54)	--	--	--	nd (4.58)	nd (4.58)	nd (6.54)	nd (6.54)	0.7	0.7	0.25
Cadmium	nd (0.986)	nd (0.880)	3.20 (1.03)	nd (0.986)	nd (9.08)	--	--	--	nd (9.16)	nd (9.16)	nd (9.35)	nd (9.35)	30	30	1.05
Chromium	11.2 (0.986)	14.4 (0.880)	22.4 (1.03)	8.87 (0.985)	16.7 (9.08)	--	--	--	22.8 (9.16)	22.8 (9.16)	22.3 (9.35)	22.3 (9.35)	1,000	1,000	16.95
Copper	35.6 (0.986)	22.3 (0.880)	330 (1.03)	40.5 (0.985)	25.9 (9.08)	--	--	--	56.6 (1.89)	56.6 (1.89)	73.3 (1.87)	73.3 (1.87)	N/A	N/A	72.87
Lead	231 (1.97)	14.6 (1.76)	410 (2.06)	216 (1.97)	64.8 (1.82)	5.3 (1.3)	3.2 (1.3)	2.8 (1.0)	29.9 (9.16)	29.9 (9.16)	24.5 (9.35)	24.5 (9.35)	300	300	121.46
Mercury	0.402 (2.01)	nd (0.183)	318 (2.15)	0.611 (0.985)	nd (1.90)	--	--	--	nd (1.93)	nd (1.93)	314 (1.95)	314 (1.95)	20	20	0.275
Nickel	7.59 (0.986)	20.2 (0.880)	22.7 (1.03)	8.37 (0.985)	16.3 (9.08)	--	--	--	20.3 (9.16)	20.3 (9.16)	19.9 (9.35)	19.9 (9.35)	300	300	16.48
Selenium	nd (2.96)	nd (2.64)	nd (3.09)	nd (2.96)	nd (2.72)	--	--	--	nd (2.75)	nd (2.75)	nd (2.80)	nd (2.80)	400	400	1.423
Silver	nd (1.97)	nd (1.76)	nd (2.06)	nd (1.97)	nd (1.82)	--	--	--	nd (1.83)	nd (1.83)	nd (1.87)	nd (1.87)	100	100	0.949
Thallium	nd (2.96)	nd (2.64)	nd (3.09)	nd (2.96)	nd (2.72)	--	--	--	nd (2.75)	nd (2.75)	nd (2.80)	nd (2.80)	8	8	1.423
Zinc	118 (0.986)	32.5 (0.880)	699 (1.03)	287 (0.985)	57.6 (9.08)	26 (6.6)	25 (6.5)	19 (5.1)	69.9 (9.16)	69.9 (9.16)	94.3 (9.35)	94.3 (9.35)	2500	2500	142.83

() = Method Detection Limit
 Exposure Point Concentrations: Sample site results summed and then divided by total # of data points available. Where nd indicated, 1/2 of MDL used in calculations.
 Bold = Exceeds MCP S-1/GW-2 or S-1/GW-3 standards
 (1) = Sample located below CHA1-S1 and collected from same boring
 WENGRDATA\PROJECTS\MM0379\DATA\AnalyticalResults_Jan05.xls

Paul Beaulieu
Tighe and Bond, Inc.
53 Southampton Road
Westfield, MA 01085

STL Westfield
53 Southampton Road
Westfield, MA 01085

Tel: 413 572 4000 Fax: 413 572 3707
www.stl-inc.com

12/22/2004

Report Number: 221430

Dear Paul Beaulieu,

Project Number: M375

The analysis of your sample(s) submitted on 12/08/2004 is now complete and the appropriate analytical report is enclosed. The samples were prepared and analyzed according to established methodologies and protocols. All holding times were met for the methods performed on these samples, unless otherwise noted in the report's case narrative.

If you have any questions regarding this report, please contact your Project Manager, Anne M. Fuller.

For question, concerns or comments regarding our service, please do not hesitate to contact me directly. Thank you for selecting STL Westfield, and we look forward to working with you on future projects.

Steven C. Hartmann
Laboratory Director
STL WESTFIELD

Technical Review: SH 12/22/04

Total number of pages in this report: 29

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: **Severn Trent Laboratory (STL) Westfield** Project #: **221430**

Project Location: **Gt. Falls Discovery Ctr.** MADEP RTN¹:

This form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]
221430-1-3

Sample Matrices:	Groundwater	Soil/Sediment	Drinking Water	Other:		
MCP SW-846	8260B ()	8151A ()	8330 ()	6010B ()	7470A/1A ()	Other ()
Methods Used	8270C ()	8081A ()	VPH ()	6020 ()	9014M ² ()	
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ()	8021B ()	EPH (x)	7000 S ³ ()	7196A ()	
	1 List Release Tracking Number (RTN), if known 2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method 3 S - SW-846 Methods 7000 Series List individual method and analyte.					

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

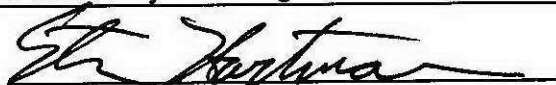
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="radio"/> Yes	No ¹
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="radio"/> Yes	No ¹
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="radio"/> Yes	N/A No ¹
D	VPH and EPH methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	<input checked="" type="radio"/> Yes	N/A No ¹

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes	<input checked="" type="radio"/> No ¹
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input checked="" type="radio"/> Yes	N/A No ¹

¹ All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:  Position: Laboratory Director
 Printed Name: Steven C. Hartmann Date: 12/23/04

CAM VII A, Rev 3.2

April-04



MADEP MA014
NY DOH 10843
RI DOH 57
CT DPH 0494
VT DECWSD

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NH DES 253901-A



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53 Southampton Rd,
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STL Billerica Service Center
148 Rangeway Rd
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: **Severn Trent Laboratory (STL) Westfield** Project #: **221430**

Project Location: **Gt. Falls Discovery Ctr.** MADEP RTN¹:

This form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
221430-4-8

Sample Matrices:	Groundwater	Soil/Sediment	Drinking Water	Other:		
MCP SW-846	8260B ()	8151A ()	8330 ()	6010B (x)	7470A/1A ()	Other ()
Methods Used	8270C ()	8081A ()	VPH ()	6020 ()	9014M ² ()	
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ()	8021B ()	EPH ()	7000 S ³ ()	7196A ()	
	1 List Release Tracking Number (RTN), if known 2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method 3 S - SW-846 Methods 7000 Series List individual method and analyte.					

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

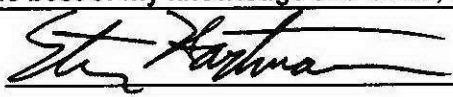
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="radio"/> Yes	No ¹
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="radio"/> Yes	No ¹
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="radio"/> Yes	N/A No ¹
D	VPH and EPH methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	Yes	<input checked="" type="radio"/> N/A No ¹

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes	<input checked="" type="radio"/> No ¹
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes	N/A <input checked="" type="radio"/> No ¹

¹ All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:  Position: Laboratory Director
 Printed Name: Steven C. Hartmann Date: 12/22/04

CAM VII A, Rev 3.2

April-04



MADEP MA014
 NY DOH 10843
 RI DOH 57
 CT DPH 0494
 VT DECWSD
 NELAP FL E87912 TOX
 NELAP NJ MA008 TOX
 NELAP NY 10843
 NH DES 253901-A



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MCP CASE NARRATIVE

Client: Tighe & Bond, Inc.

Report Number: 221430

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues as stipulated in the MCP reporting requirements.

In order to facilitate report review, a separate MCP Analytical Method Report Certification Form is included for each method requested.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy "MCP program" reporting limits in some cases if the "adjusted" RL is greater than the applicable MCP standards or criterion to which the concentration is being compared. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes, which exceed the calibration range.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

The project samples were received on 12/08/04; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 6.3°C.

MADEP EPH

All QA/QC procedures required for the specified analytical method were performed as per section B of the MADEP MCP analytical method report Certification form.

All QC performance standards and recommendations for this specific method were achieved with the exception of:

The RPD results for the following compounds recovered high and outside the method control limit, Benzo(a)anthracene (26.6), Benzo(k)fluoranthene (26.5) and Dibenzo(a,h)anthracene (26).

General method information:

According to EPH method reference 11.2.6.2, using GC/MS, the laboratory has identified a single component contaminant that appears at the same retention time in all laboratory and field samples. This contaminant is derived from the method's SPE cartridge and is not included in the calculation of the C11-C22 Aromatics range.

The LCS/LCSD target and ranges recovered within MCP control criteria. While n-nonane recovered low for the LCS (26%) the cumulative recovery of C9-C18 aliphatic compounds recovered within acceptable limits. In STL Westfield's experience, the n-nonane control limits should be considered advisory for this method.

Due to high target compounds sample B-2 (0-4) was analyzed at both a 1 and 5x dilution.

SW846 6010B

All QA/QC procedures required for the specified analytical method were performed as per section B of the MADEP MCP analytical method report Certification form.

All QC performance standards and recommendations for this specific method were achieved with the exception of:

The low level calibration check standard (CRI) recovered high and outside of the method recommended control limit for Antimony (131%, 70-130%). No corrective action is required for this standard, other than to case narrate this anomaly.

General method information:

The samples associated with this job were diluted (2x) due to the intrinsic color of their digestate/filtrate, which is characteristic of non-target, spectrally interfering elements.

SAMPLE INFORMATION

Date: 12/22/2004

Job Number.: 221430
 Customer...: Tighe and Bond, Inc.
 Attn.....: Paul Beaulieu

Project Number.....: 20002613
 Customer Project ID....: M375
 Project Description....: M375

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
221430-1	B-1 (0-4)	Soil	12/08/2004	08:55	12/08/2004	12:25
221430-2	B-2 (0-4)	Soil	12/08/2004	08:40	12/08/2004	12:25
221430-3	B-3 (0-4)	Soil	12/08/2004	09:15	12/08/2004	12:25
221430-4	B-4 (0-4)	Soil	12/08/2004	07:50	12/08/2004	12:25
221430-5	B-5 (0-4)	Soil	12/08/2004	08:05	12/08/2004	12:25
221430-6	B-5 (4-8)	Soil	12/08/2004	08:08	12/08/2004	12:25
221430-7	B-6 (0-4)	Soil	12/08/2004	08:20	12/08/2004	12:25
221430-8	B-7 (0-4)	Soil	12/08/2004	08:25	12/08/2004	12:25



STL

MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
 NELAP NJ MA008 TOX
 NELAP NY 10843
 NY DOH 10843



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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-1 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 08:55
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-1
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	90.5		0.1	%	12/09/04	grb
MADEP EPH	Semivolatile Organics						
	Acenaphthene*	ND	U	0.36	mg/Kg	12/17/04	fwd
	Acenaphthylene*	ND	U	0.36	mg/Kg	12/17/04	fwd
	Anthracene*	ND	U	0.36	mg/Kg	12/17/04	fwd
	Benzo(a)anthracene*	2.1		0.36	mg/Kg	12/17/04	fwd
	Benzo(a)pyrene*	1.5		0.36	mg/Kg	12/17/04	fwd
	Benzo(b)fluoranthene*	1.5		0.36	mg/Kg	12/17/04	fwd
	Benzo(ghi)perylene*	0.52		0.36	mg/Kg	12/17/04	fwd
	Benzo(k)fluoranthene*	1.6		0.36	mg/Kg	12/17/04	fwd
	Chrysene*	1.5		0.36	mg/Kg	12/17/04	fwd
	Dibenzo(a,h)anthracene*	0.40		0.36	mg/Kg	12/17/04	fwd
	Fluoranthene*	4.8		0.36	mg/Kg	12/17/04	fwd
	Fluorene*	0.96		0.36	mg/Kg	12/17/04	fwd
	Indeno(1,2,3-cd)pyrene*	ND	U	0.36	mg/Kg	12/17/04	fwd
	2-Methylnaphthalene*	ND	U	0.36	mg/Kg	12/17/04	fwd
	Naphthalene*	0.47		0.36	mg/Kg	12/17/04	fwd
	Phenanthrene*	5.3		0.36	mg/Kg	12/17/04	fwd
	Pyrene*	5.1		0.36	mg/Kg	12/17/04	fwd
	C9-C18 Aliphatics*	5.3		3.6	mg/Kg	12/17/04	fwd
	C11-C22 Aromatics*	92		3.6	mg/Kg	12/17/04	fwd
	C19-C36 Aliphatics*	60		3.6	mg/Kg	12/17/04	fwd
	Unadjusted C11-C22 Aromatics*	120		3.6	mg/Kg	12/17/04	fwd
	EPH Concentration (Total)*	160		3.6	mg/Kg	12/17/04	fwd

* In Description = Dry Wgt.



MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
 NELAP NJ MA008 TOX
 NELAP NY 10843
 NY DOH 10843



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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-2 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 08:40
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-2
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	93.8		0.1	%	12/09/04	grb
MADEP EPH	Semivolatile Organics						
	Acenaphthene*	ND	U	0.35	mg/Kg	12/21/04	fwd
	Acenaphthylene*	2.3		0.35	mg/Kg	12/21/04	fwd
	Anthracene*	4.0		0.35	mg/Kg	12/21/04	fwd
	Benzo(a)anthracene*	8.7		0.35	mg/Kg	12/21/04	fwd
	Benzo(a)pyrene*	7.3		0.35	mg/Kg	12/21/04	fwd
	Benzo(b)fluoranthene*	5.4		0.35	mg/Kg	12/21/04	fwd
	Benzo(ghi)perylene*	4.2		0.35	mg/Kg	12/21/04	fwd
	Benzo(k)fluoranthene*	7.2		0.35	mg/Kg	12/21/04	fwd
	Chrysene*	8.6		0.35	mg/Kg	12/21/04	fwd
	Dibenzo(a,h)anthracene*	3.1		0.35	mg/Kg	12/21/04	fwd
	Fluoranthene*	15		1.7	mg/Kg	12/21/04	fwd
	Fluorene*	1.5		0.35	mg/Kg	12/21/04	fwd
	Indeno(1,2,3-cd)pyrene*	2.8		0.35	mg/Kg	12/21/04	fwd
	2-Methylnaphthalene*	ND	U	0.35	mg/Kg	12/21/04	fwd
	Naphthalene*	ND	U	0.35	mg/Kg	12/21/04	fwd
	Phenanthrene*	12		0.35	mg/Kg	12/21/04	fwd
	Pyrene*	13		1.7	mg/Kg	12/21/04	fwd
	C9-C18 Aliphatics*	ND	U	3.5	mg/Kg	12/21/04	fwd
	C11-C22 Aromatics*	120		3.5	mg/Kg	12/21/04	fwd
	C19-C36 Aliphatics*	88		3.5	mg/Kg	12/21/04	fwd
	Unadjusted C11-C22 Aromatics*	210		3.5	mg/Kg	12/21/04	fwd
	EPH Concentration (Total)*	200		3.5	mg/Kg	12/21/04	fwd

* In Description = Dry Wgt.



MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
 NELAP NJ MA008 TOX
 NELAP NY 10843
 NY DOH 10843



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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-3 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 09:15
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-3
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	91.3		0.1	%	12/09/04	grb
MADEP EPH	Semivolatile Organics						
	Acenaphthene*	ND	U	0.36	mg/Kg	12/21/04	fwd
	Acenaphthylene*	ND	U	0.36	mg/Kg	12/21/04	fwd
	Anthracene*	0.94		0.36	mg/Kg	12/21/04	fwd
	Benzo(a)anthracene*	2.3		0.36	mg/Kg	12/21/04	fwd
	Benzo(a)pyrene*	2.2		0.36	mg/Kg	12/21/04	fwd
	Benzo(b)fluoranthene*	1.7		0.36	mg/Kg	12/21/04	fwd
	Benzo(ghi)perylene*	1.1		0.36	mg/Kg	12/21/04	fwd
	Benzo(k)fluoranthene*	2.5		0.36	mg/Kg	12/21/04	fwd
	Chrysene*	2.3		0.36	mg/Kg	12/21/04	fwd
	Dibenzo(a,h)anthracene*	1.0		0.36	mg/Kg	12/21/04	fwd
	Fluoranthene*	5.3		0.36	mg/Kg	12/21/04	fwd
	Fluorene*	0.55		0.36	mg/Kg	12/21/04	fwd
	Indeno(1,2,3-cd)pyrene*	0.95		0.36	mg/Kg	12/21/04	fwd
	2-Methylnaphthalene*	ND	U	0.36	mg/Kg	12/21/04	fwd
	Naphthalene*	ND	U	0.36	mg/Kg	12/21/04	fwd
	Phenanthrene*	4.8		0.36	mg/Kg	12/21/04	fwd
	Pyrene*	5.0		0.36	mg/Kg	12/21/04	fwd
	C9-C18 Aliphatics*	4.7		3.6	mg/Kg	12/21/04	fwd
	C11-C22 Aromatics*	100		3.6	mg/Kg	12/21/04	fwd
	C19-C36 Aliphatics*	100		3.6	mg/Kg	12/21/04	fwd
	Unadjusted C11-C22 Aromatics*	130		3.6	mg/Kg	12/21/04	fwd
	EPH Concentration (Total)*	210		3.6	mg/Kg	12/21/04	fwd

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-4 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 07:50
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-4
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	96.0		0.1	%	12/09/04	grb
SW846 6010B	Metals Analysis Trace (ICP)						
	Antimony (Sb)*	ND	U	2.6	mg/Kg	12/09/04	bpg
	Lead (Pb)*	5.3		1.3	mg/Kg	12/09/04	bpg
	Arsenic (As)*	2.1		1.3	mg/Kg	12/09/04	bpg
	Zinc (Zn)*	26		6.6	mg/Kg	12/09/04	bpg

* In Description = Dry Wgt.



MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
 NELAP NJ MA008 TOX
 NELAP NY 10843
 NY DOH 10843



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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-5 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 08:05
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-5
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	96.7		0.1	%	12/09/04	grb
SW846 6010B	Metals Analysis Trace (ICP)						
	Antimony (Sb)*	ND		2.6	mg/Kg	12/09/04	bpg
	Lead (Pb)*	3.2		1.3	mg/Kg	12/09/04	bpg
	Arsenic (As)*	2.7		1.3	mg/Kg	12/09/04	bpg
	Zinc (Zn)*	25		6.5	mg/Kg	12/09/04	bpg

* In Description = Dry Wgt.



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MADEP MA014
 RIDOH57
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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-5 (4-8)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 08:08
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-6
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	96.9		0.1	%	12/09/04	grb
SW846 6010B	Metals Analysis Trace (ICP)						
	Antimony (Sb)*	ND	U	2.1	mg/Kg	12/14/04	rac
	Lead (Pb)*	2.8		1.0	mg/Kg	12/13/04	bpg
	Arsenic (As)*	2.1		1.0	mg/Kg	12/13/04	bpg
	Zinc (Zn)*	19		5.1	mg/Kg	12/13/04	bpg

* In Description = Dry Wgt.

Page 7



MADEP MA014
 RIDOH57
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NELAP FL E87912 TOX
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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-6 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 08:20
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-7
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	83.2		0.1	%	12/09/04	grb
SW846 6010B	Metals Analysis Trace (ICP) Lead (Pb)*	230		1.3	mg/Kg	12/13/04	bpg

* In Description = Dry Wgt.



MADEP MA014
 RIDOH57
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NELAP FL E87912 TOX
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LABORATORY TEST RESULTS

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Customer Sample ID: B-7 (0-4)
 Date Sampled.....: 12/08/2004
 Time Sampled.....: 08:25
 Sample Matrix.....: Soil

Laboratory Sample ID: 221430-8
 Date Received.....: 12/08/2004
 Time Received.....: 12:25

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
% Solids 160.3	% Solids	91.3	0.1	%	12/09/04	grb
SW846 6010B	Metals Analysis Trace (ICP) Lead (Pb)*	150	1.4	mg/Kg	12/13/04	bpg

* In Description = Dry Wgt.



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 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
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 NELAP NY 10843
 NY DOH 10843



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LABORATORY CHRONICLE

Job Number: 221430

Date: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Lab ID	Client ID	Date Recvd	Sample Date						
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION		
221430-1	B-1 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3546	Microwave Extraction (EPH)	1	37747			12/13/2004	0000		
MADEP EPH	Semivolatile Organics	1	38119	37747		12/17/2004	0750		
221430-2	B-2 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3546	Microwave Extraction (EPH)	1	37747			12/13/2004	0000		
MADEP EPH	Semivolatile Organics	1	38119	37747		12/21/2004	0300		
MADEP EPH	Semivolatile Organics	1	38119	37747		12/21/2004	1310	5	
221430-3	B-3 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3546	Microwave Extraction (EPH)	1	37747			12/13/2004	0000		
MADEP EPH	Semivolatile Organics	1	38119	37747		12/21/2004	0340		
221430-4	B-4 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3050B	Acid Digestion (ICP) Solids	1	37580			12/09/2004	1130		
SW846 6010B	Metals Analysis Trace (ICP)	1	37611	37580		12/09/2004	2315	2	
221430-5	B-5 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3050B	Acid Digestion (ICP) Solids	1	37580			12/09/2004	1130		
SW846 6010B	Metals Analysis Trace (ICP)	1	37611	37580		12/09/2004	2322	2	
221430-6	B-5 (4-8)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3050B	Acid Digestion (ICP) Solids	1	37580			12/09/2004	1130		
SW846 6010B	Metals Analysis Trace (ICP)	1	37770	37580		12/13/2004	1746	2	
SW846 6010B	Metals Analysis Trace (ICP)	1	38063	37580		12/14/2004	1155	2	
221430-7	B-6 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3050B	Acid Digestion (ICP) Solids	1	37580			12/09/2004	1130		
SW846 6010B	Metals Analysis Trace (ICP)	1	37770	37580		12/13/2004	1752	2	
221430-8	B-7 (0-4)	12/08/2004	12/08/2004						
% Solids 160.3	% Solids Determination	1	37617			12/09/2004	0000		
SW846 3050B	Acid Digestion (ICP) Solids	1	37580			12/09/2004	1130		
SW846 6010B	Metals Analysis Trace (ICP)	1	37770	37580		12/13/2004	1759	2	

SURROGATE RECOVERIES REPORT

Job Number.: 221430

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Method.....: Semivolatile Organics
Batch(s).....: 38119

Method Code...: EPH
Test Matrix...: Water

Prep Batch....: 37747
Equipment Code: EPH

Lab ID	DT	Sample ID	Date	2BRONS	2FLUBP	CLOODN	OTERPH
LCD			12/14/2004	61.5	71.7	91.5	78.2
LCS			12/14/2004	67.6	70.8	77.5	66.2
MB			12/14/2004	127.2	127.6	89.5	70.8
221430-	1	B-1 (0-4)	12/17/2004	99.2	94.7	68.9	59.3
221430-	2	B-2 (0-4)	12/21/2004	81.1	82.3	57.9	55.0
221430-	3	B-3 (0-4)	12/21/2004	73.4	70.0	48.5	50.5

Test	Test Description	Limits
2BRONS	2-Bromonaphthalene (surr)	40.0 - 140.
2FLUBP	2-Fluorobiphenyl (surr)	40.0 - 140.
CLOODN	Chloro-octadecane (surr)	40.0 - 140.
OTERPH	o-Terphenyl (surr)	40.0 - 140.

Job Number.: 221430

QUALITY CONTROL RESULTS

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: MADEP EPH

Method Description.: Semivolatile Organics

Batch.....: 38119

Analyst....: fwd

LCD	Laboratory Control Sample Duplicate	E04LSPK048	37747		12/14/2004	0448
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Acenaphthene	mg/Kg	1.794	1.427	3.333	0.333	U 53.8	40.0-140.0	
						22.8	25.0	
Acenaphthylene	mg/Kg	2.075	1.762	3.333	0.333	U 62.2	40.0-140.0	
						16.3	25.0	
Anthracene	mg/Kg	2.335	2.142	3.333	0.333	U 70.1	40.0-140.0	
						8.6	25.0	
Benzo(a)anthracene	mg/Kg	2.899	2.218	3.333	0.333	U 87.0	40.0-140.0	
						26.6	25.0	*
Benzo(a)pyrene	mg/Kg	2.877	2.449	3.333	0.333	U 86.3	40.0-140.0	
						16.1	25.0	
Benzo(b)fluoranthene	mg/Kg	2.431	2.600	3.333	0.333	U 72.9	40.0-140.0	
						6.7	25.0	
Benzo(ghi)perylene	mg/Kg	2.506	2.027	3.333	0.333	U 75.2	40.0-140.0	
						21.1	25.0	
Benzo(k)fluoranthene	mg/Kg	2.908	2.227	3.333	0.333	U 87.2	40.0-140.0	
						26.5	25.0	*
Chrysene	mg/Kg	2.097	1.843	3.333	0.333	U 62.9	40.0-140.0	
						12.9	25.0	
Dibenzo(a,h)anthracene	mg/Kg	2.580	1.986	3.333	0.333	U 77.4	40.0-140.0	
						26.0	25.0	*
Fluoranthene	mg/Kg	2.513	2.138	3.333	0.333	U 75.4	40.0-140.0	
						16.1	25.0	
Fluorene	mg/Kg	2.323	1.952	3.333	0.333	U 69.7	40.0-140.0	
						17.3	25.0	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.473	2.132	3.333	0.333	U 74.2	40.0-140.0	
						14.8	25.0	
2-Methylnaphthalene	mg/Kg	1.927	1.645	3.333	0.333	U 57.8	40.0-140.0	
						15.8	25.0	
Naphthalene	mg/Kg	1.736	1.495	3.333	0.333	U 52.1	40.0-140.0	
						14.9	25.0	
Phenanthrene	mg/Kg	2.450	2.025	3.333	0.333	U 73.5	40.0-140.0	
						19.0	25.0	
Pyrene	mg/Kg	2.816	2.433	3.333	0.333	U 84.5	40.0-140.0	
						14.6	25.0	
C9-C18 Aliphatics	mg/Kg	14.372	15.334	20.000	3.330	U 71.9	40.0-140.0	
						6.5	25.0	
C19-C36 Aliphatics	mg/Kg	22.758	20.264	26.670	3.330	U 85.3	40.0-140.0	
						11.6	25.0	
Unadjusted C11-C22 Aromatics	mg/Kg	42.909	38.625	56.670	3.330	U 75.7	40.0-140.0	
						10.5	25.0	



MADEP MA014
RIDPH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843



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Tel: (978) 667-1400
Fax: (978) 667-7871

Job Number.: 221430

QUALITY CONTROL RESULTS

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: MADEP EPH

Analyst....: fwd

Method Description.: Semivolatile Organics

Batch.....: 38119

LCS	Laboratory Control Sample	E04LSPK048	37747		12/14/2004	0411
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Acenaphthene	mg/Kg	1.427		3.333	0.333	U 42.8	40-140	
Acenaphthylene	mg/Kg	1.762		3.333	0.333	U 52.9	40-140	
Anthracene	mg/Kg	2.142		3.333	0.333	U 64.3	40-140	
Benzo(a)anthracene	mg/Kg	2.218		3.333	0.333	U 66.5	40-140	
Benzo(a)pyrene	mg/Kg	2.449		3.333	0.333	U 73.5	40-140	
Benzo(b)fluoranthene	mg/Kg	2.600		3.333	0.333	U 78.0	40-140	
Benzo(ghi)perylene	mg/Kg	2.027		3.333	0.333	U 60.8	40-140	
Benzo(k)fluoranthene	mg/Kg	2.227		3.333	0.333	U 66.8	40-140	
Chrysene	mg/Kg	1.843		3.333	0.333	U 55.3	40-140	
Dibenzo(a,h)anthracene	mg/Kg	1.986		3.333	0.333	U 59.6	40-140	
Fluoranthene	mg/Kg	2.138		3.333	0.333	U 64.1	40-140	
Fluorene	mg/Kg	1.952		3.333	0.333	U 58.6	40-140	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.132		3.333	0.333	U 64.0	40-140	
2-Methylnaphthalene	mg/Kg	1.645		3.333	0.333	U 49.3	40-140	
Naphthalene	mg/Kg	1.495		3.333	0.333	U 44.9	40-140	
Phenanthrene	mg/Kg	2.025		3.333	0.333	U 60.8	40-140	
Pyrene	mg/Kg	2.433		3.333	0.333	U 73.0	40-140	
C9-C18 Aliphatics	mg/Kg	15.334		20.000	3.330	U 76.7	40-140	
C19-C36 Aliphatics	mg/Kg	20.264		26.670	3.330	U 76.0	40-140	
Unadjusted C11-C22 Aromatics	mg/Kg	38.625		56.670	3.330	U 68.2	40-140	

Job Number.: 221430

QUALITY CONTROL RESULTS

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: MADEP EPH

Method Description.: Semivolatile Organics

Batch.....: 38119

Analyst...: fwd

MB	Method Blank		37747		12/14/2004	0333
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Acenaphthene	mg/Kg	0.333	U					
Acenaphthylene	mg/Kg	0.333	U					
Anthracene	mg/Kg	0.333	U					
Benzo(a)anthracene	mg/Kg	0.333	U					
Benzo(a)pyrene	mg/Kg	0.333	U					
Benzo(b)fluoranthene	mg/Kg	0.333	U					
Benzo(ghi)perylene	mg/Kg	0.333	U					
Benzo(k)fluoranthene	mg/Kg	0.333	U					
Chrysene	mg/Kg	0.333	U					
Dibenzo(a,h)anthracene	mg/Kg	0.333	U					
Fluoranthene	mg/Kg	0.333	U					
Fluorene	mg/Kg	0.333	U					
Indeno(1,2,3-cd)pyrene	mg/Kg	0.333	U					
2-Methylnaphthalene	mg/Kg	0.333	U					
Naphthalene	mg/Kg	0.333	U					
Phenanthrene	mg/Kg	0.333	U					
Pyrene	mg/Kg	0.333	U					
C9-C18 Aliphatics	mg/Kg	3.330	U					
C11-C22 Aromatics	mg/Kg	3.330	U					
C19-C36 Aliphatics	mg/Kg	3.330	U					
Unadjusted C11-C22 Aromatics	mg/Kg	3.330	U					
EPH Concentration (Total)	mg/Kg	3.330	U					

QUALITY CONTROL RESULTS

Job Number.: 221430

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: SW846 6010B

Analyst....: bpg

Method Description.: Metals Analysis Trace (ICP)

Batch.....: 37611

LCD	Laboratory Control Sample Duplicate	M04LSPK006	37580		12/09/2004	2152
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Antimony (Sb)	mg/Kg	42.15	42.42	50.00		84.3 0.6	80.0-120.0 30.0	
Arsenic (As)	mg/Kg	41.01	41.32	50.00		82.0 0.8	80.0-120.0 30.0	
Lead (Pb)	mg/Kg	42.22	43.05	50.00		84.4 2.0	80.0-120.0 30.0	
Zinc (Zn)	mg/Kg	43.04	43.69	50.00		86.1 1.5	80.0-120.0 30.0	



MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843



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Job Number.: 221430

QUALITY CONTROL RESULTS

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: SW846 6010B

Analyst....: bpg

Method Description.: Metals Analysis Trace (ICP)

Batch.....: 37611

LCS	Laboratory Control Sample	M04LSPK006	37580		12/09/2004	2145
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Antimony (Sb)	mg/Kg	42.42		50.00		84.8	80-120	
Arsenic (As)	mg/Kg	41.32		50.00		82.6	80-120	
Lead (Pb)	mg/Kg	43.05		50.00		86.1	80-120	
Zinc (Zn)	mg/Kg	43.69		50.00		87.4	80-120	



MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
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 NELAP NY 10843
 NY DOH 10843



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Job Number.: 221430

QUALITY CONTROL RESULTS

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: SW846 6010B

Analyst...: bpg

Method Description.: Metals Analysis Trace (ICP)

Batch.....: 37611

MB	Method Blank		37580	2	12/09/2004	2159
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Antimony (Sb)	mg/Kg	0.60	U					
Arsenic (As)	mg/Kg	1.00	U					
Lead (Pb)	mg/Kg	0.50	U					
Zinc (Zn)	mg/Kg	5.00	U					



MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
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QUALITY CONTROL RESULTS

Job Number.: 221430

Report Date.: 12/22/2004

CUSTOMER: Tighe and Bond, Inc.

PROJECT: M375

ATTN: Paul Beaulieu

Test Method.....: % Solids 160.3
 Method Description.: % Solids Determination
 Parameter.....: % Solids

Batch.....: 37617

Analyst...: grb
 Test Code.: %SOLID

Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc. F	* Limits	Date	Time
221430-6		%	96.60000			96.90000	0.3	20.0	12/09/2004	0000



MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD
 NH DES 253903-A

NELAP FL E87912 TOX
 NELAP NJ MA008 TOX
 NELAP NY 10843
 NY DOH 10843



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QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/22/2004

STL WESTFIELD is part of Severn Trent Laboratories, Inc. Visit us at www.stl-inc.com.

LABORATORY CERTIFICATIONS:

MADEP MA014, NY NELAC 10843, NJ NELAC MA008 (TOX), FL NELAC E87912 (TOX), CT DPH 0494, NY DOH 10843, NH DES 253901-A, VT DECWSD, RI DOH 57.

LOCATION:

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STL Service Center: 148 Rangeway Rd. N. Billerica, MA 01862. Phone: (978) 667-1400 Fax: (978) 667-7871

DATA REPORTING QUALIFIERS AND TERMINOLOGY:

A number of data qualifiers are widely used within the environmental testing industry and may be utilized in our data reports. The majority of the qualifiers have evolved from the EPA Contract Laboratory Program (CLP).

REPORT COMMENTS:

All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Soil, sediment and sludge sample results are reported on a "dry weight" basis.

Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert.ID# 10843.

According to 40CFR Part 136.3, pH, Total Residual Chlorine and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field analyses, they were not analyzed immediately, but as soon as possible on laboratory receipt.

Analytical result(s) reported as "ND", indicates that the analyte was analyzed for but "Not Detected."
Analytical result(s) reported as "NTNC" indicates that the microbiological test was "Too Numerous To Count."

GLOSSARY OF QUALIFIERS:

Inorganic Qualifiers (Q-column):

- U Indicates that the analyte was analyzed for but not detected.
- E Indicates an estimated value due to the presence of interference. When applied to GFAA analysis, indicates the one-point method of addition recovered between 40-85 percent.
- B Indicates an estimated result value. The result was measured between the reporting limit and the method detection limit (MDL).
- H Indicates the compound/element was found in both the sample and its associated laboratory blank. Indicates possible/probable blank contamination.

Organic Qualifiers (Q-column):

- U Indicates that the compound was analyzed for but not detected.
- J Indicates an estimated result value. This qualifier is used when mass spectral data indicated the presence of a compound that meets the identification criteria and the result is less than the specified quantitation limit, but greater than the method detection limit (MDL).
- B Indicates that the compound was found in both the sample and its associated laboratory blank. Indicates possible/probable blank contamination and warns the data user to exercise caution when applying the results to this compound.
- D Indicates all compounds identified in an analysis at a secondary dilution factor.
- E Indicates that the compound in an analysis has exceeded the instrument linear calibration range.

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/22/2004

GLOSSARY OF TERMS:

Surrogates (Surrogate Standards): An organic compound, which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but are not normally found in environmental samples. For semi-volatiles and pesticides/Arochlors, surrogate compounds are added to every blank, sample, matrix spike, matrix spiked duplicate, matrix spike blank (LCS), and standard. These compounds are used to evaluate analytical efficiency by measuring recovery. Poor surrogate recovery may indicate a problem with the sample composition.

Internal Standard: An organic compound, which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For GC/MS semi-volatiles and volatiles, internal standards are added to every blank, sample, matrix spike, matrix spike duplicate, matrix spike blank (LCS), and standard. Internal standard responses outside of established limits will adversely affect the quantitation and final concentration of target compounds.

Matrix Spike (MS): An aliquot of a sample (water or soil) fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for matrix interference by measuring recovery. The spiking occurs prior to sample preparation and analysis. Poor spike recovery may indicate a problem with the sample composition.

Laboratory Control Sample (LCS): An aliquot of analyte-free reagent water or sand fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method efficiency.

Blank: An artificial sample of analyte-free water or solvent, designed to monitor the introduction of contaminants into the analytical process.

Method Detection Limit (MDL): The minimum concentration of an analyte or compound that can be measured and reported with 99% confidence that the result concentration is greater than zero.

Petroleum Hydrocarbon Comments:

The following comments are specific to Diesel Range Organics (DRO), by GC/FID:

Results for DRO are based on chromatographable portions of the petroleum product. The Carbon Range refers to the approximate chromatographic region covered by the specified petroleum product in straight-chain carbon units between C9-C36.

Quantitation is based on the average response factors for a series of hydrocarbons standards. The sample result from the DRO fraction is independent of the target compound assignment.

Samples yielding chromatographic patterns that do not agree with any of the method targets are reported as "unmatched".

EPH SAMPLE INFORMATION DATA

SAMPLE INFORMATION

12/9/04 7:23 Inst. D

CV (Date/Time)	10/16/04 2:54 Inst. F	Frac Check Lot #:	407190-QO
LCS - % Naphthalene Breakthrough =	<1%	Date Analyzed:	12/14/04
LCS-% 2-methylnaphthalene =	<1%	Date Analyzed:	12/14/04
LCSD - % Naphthalene Breakthrough =	<1%	Date Analyzed:	12/14/04
LCSD-% 2-methylnaphthalene =	3.60%	Date Analyzed:	12/14/04

Sample ID: 221430-1 Batch# 38119

Matrix	<input type="checkbox"/> Aqueous	<input checked="" type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other
Containers	<input checked="" type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking:	
Aqueous Preservatives	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> pH<2	<input type="checkbox"/> pH>2	Comment:
Temperature	<input checked="" type="checkbox"/> Received on Ice	<input type="checkbox"/> Received at 4°C + 2°C	<input checked="" type="checkbox"/> Other: <u>6.3</u> °C	
Extraction Method	Water:	Soil/Sediment:	3546	

Sample ID: 221430-2 Batch# 38119

Matrix	<input type="checkbox"/> Aqueous	<input checked="" type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other
Containers	<input checked="" type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking:	
Aqueous Preservatives	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> pH<2	<input type="checkbox"/> pH>2	Comment:
Temperature	<input checked="" type="checkbox"/> Received on Ice	<input type="checkbox"/> Received at 4°C + 2°C	<input checked="" type="checkbox"/> Other: <u>6.3</u> °C	
Extraction Method	Water:	Soil/Sediment:	3546	

Sample ID: 221430-3 Batch# 38119

Matrix	<input type="checkbox"/> Aqueous	<input checked="" type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other
Containers	<input checked="" type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking:	
Aqueous Preservatives	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> pH<2	<input type="checkbox"/> pH>2	Comment:
Temperature	<input checked="" type="checkbox"/> Received on Ice	<input type="checkbox"/> Received at 4°C + 2°C	<input checked="" type="checkbox"/> Other: <u>6.3</u> °C	
Extraction Method	Water:	Soil/Sediment:	3546	

Sample ID: _____ Batch# 12/22/04 FWD

Matrix	<input type="checkbox"/> Aqueous	<input type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other
Containers	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking:	
Aqueous Preservatives	<input type="checkbox"/> N/A	<input type="checkbox"/> pH<2	<input type="checkbox"/> pH>2	Comment:
Temperature	<input type="checkbox"/> Received on Ice	<input type="checkbox"/> Received at 4°C + 2°C	<input type="checkbox"/> Other: °C	
Extraction Method	Water:	Soil/Sediment:	3546	

Sample ID: _____ Batch# _____

Matrix	<input type="checkbox"/> Aqueous	<input type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other
Containers	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking:	
Aqueous Preservatives	<input type="checkbox"/> N/A	<input type="checkbox"/> pH<2	<input type="checkbox"/> pH>2	Comment:
Temperature	<input type="checkbox"/> Received on Ice	<input type="checkbox"/> Received at 4°C + 2°C	<input type="checkbox"/> Other: °C	
Extraction Method	Water:	Soil/Sediment:	3546	



MADEP MA 014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843



STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel:(413)572-4000
Fax:(413)572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel:(978)667-1400
fax:(978)667-7871

MADEP EPH FRACTIONATION CHECK STANDARD RESULTS

Date Analyzed: **October 7, 2004** Units: **ug/mL** LOT #: **407190-QO**

Analyte	TRUE Value	STD. Conc.	% Rec	Q	Spike Limits
FILE ID: F27116.D					
Naphthalene	25.00	24.50	98		40-140
2-Methynaphthalene	25.00	26.80	107		40-140
Acenaphthylene	25.00	27.80	111		40-140
Acenaphthene	25.00	25.30	101		40-140
Fluorene	25.00	25.90	104		40-140
Phenanthrene	25.00	28.40	114		40-140
Anthracene	25.00	28.50	114		40-140
Fluoranthene	25.00	28.00	112		40-140
Pyrene	25.00	26.40	106		40-140
Benzo(a)anthracene	25.00	30.80	123		40-140
Chrysene	25.00	27.10	108		40-140
Benzo(b)fluoranthene	25.00	25.30	101		40-140
Benzo(k)fluoranthene	25.00	24.80	99		40-140
Benzo(a)pyrene	25.00	23.80	95		40-140
Indeno(1,2,3-cd) pyrene	25.00	28.10	112		40-140
dibenz (a,h) anthracene	25.00	26.80	107		40-140
Benzo(g,h,i)perylene	25.00	28.00	112		40-140
C9	25.00	20.30	81		40-140
C10	25.00	21.90	88		40-140
C12	25.00	22.20	89		40-140
C14	25.00	22.70	91		40-140
C16	25.00	24.90	100		40-140
C18	25.00	25.20	101		40-140
C19	25.00	25.50	102		40-140
C20	25.00	25.00	100		40-140
C22	25.00	25.00	100		40-140
C24	25.00	25.30	101		40-140
C26	25.00	24.90	100		40-140
C28	25.00	25.20	101		40-140
C30	25.00	25.10	100		40-140
C36	25.00	22.90	92		40-140

* = Recovery outside of limits

Job Number.: 221430 Location.: 57345 Check List Number.: 1 Description.:
 Customer Job ID.....: Job Check List Date.: 12/08/2004 Date of the Report...: 12/08/2004
 Project Number.: 20002613 Project Description.: M375 Project Manager.....: amf
 Customer.....: Tighe and Bond, Inc. Contact.: Paul Beaulieu

Questions ? (Y/N) Comments

Chain-of-Custody Present?..... Y

...If "yes", completed properly?..... Y

Custody seal on shipping container?..... N

...If "yes", custody seal intact?.....

Custody seals on sample containers?..... N

...If "yes", custody seal intact?.....

Samples iced?..... Y

Temperature of cooler acceptable? (4 deg C +/- 2). N

...Temperature at receipt_____ 6.3c

Samples received intact (good condition)?..... Y

Volatile samples acceptable? (no headspace).....

Is a Trip Blank required?.....

Was a Trip Blank provided?.....

Correct containers used?..... Y

Adequate sample volume provided?..... Y

Samples preserved correctly?..... Y

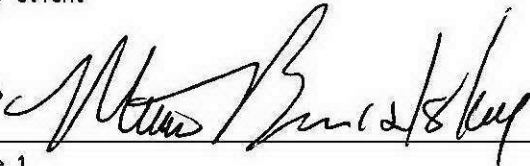
Samples received within holding-time?..... Y

Agreement between COC and sample labels?..... Y

Comments..... Drop off by client

If samples were shipped was there an air bill #?..

Sample Custodian Signature/Date..... mjb 12/8/04



Tighe & Bond, Inc.
53 Southampton Rd.
Westfield, MA 01085

STL Billerica
148 Rangeway Road
N. Billerica, MA 01862

Tel: 978 667 1400 Fax: 978 667 7871
www.stl-inc.com

Attention: Nancy E. Milkey
STL Job #: 221419
Billing Ref.: Proj: M375

December 15, 2004

Dear Nancy:

Please find enclosed three (3) PLM digital photomicrographs, three (3) SEM digital photomicrographs and three (3) EDX spectra of the black material detected in the samples that you submitted for coal/coal flyash identification by SEM/EDX and PLM.

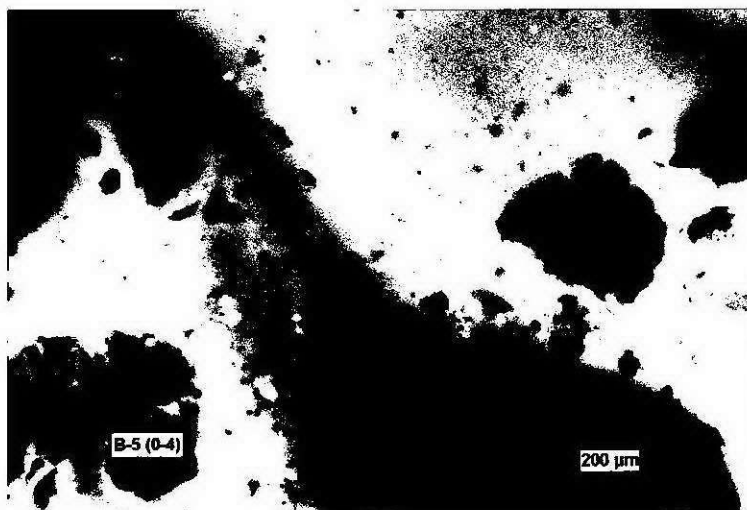
METHODS:

A representative portion from each sample was dried in a drying oven to remove moisture and examined under a stereomicroscope. A number of black grains, consistent in appearance to coal or coal ash, were picked out of the dried soil sample. The black grains were ground into a powder with a mortar and pestle and mounted in index of refraction liquid ($n=1.605$) on a glass slide for the Polarized Light Microscope (PLM) examination. Another portion of these black grains were mounted on double-sided tape and coated with evaporated graphite, which improves image quality. This sample was then examined under a Scanning Electron Microscope (SEM). An Energy Dispersive X-Ray (EDX) analysis was conducted during the SEM examination of these grains to determine their elemental composition. Photomicrographs were taken of the sample both by PLM and by SEM to document the morphology of the grains.

FINDINGS:

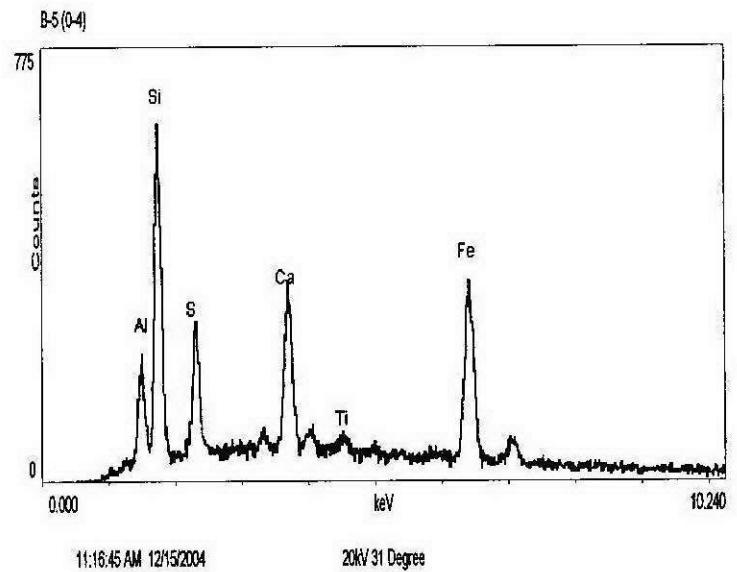
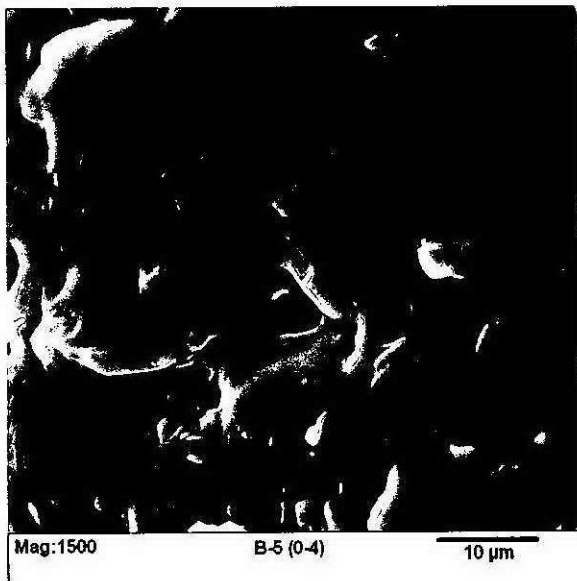
B-5 (0-4):

Please refer to the PLM and SEM photomicrographs as well as the EDX spectra. One type of dark suspect particle was identified in this sample. This particle type appeared as dark, irregularly shaped mineral-like grains. Some pock mark depressions were visible on the particles' surfaces and internally when particles were broken. Most of the particle surfaces appeared shiny and several of the particles were pliable with a sticky consistency. Particles had mineral matter stuck to the surface. Some of the grains when broken contained several interior mineral grains. Other



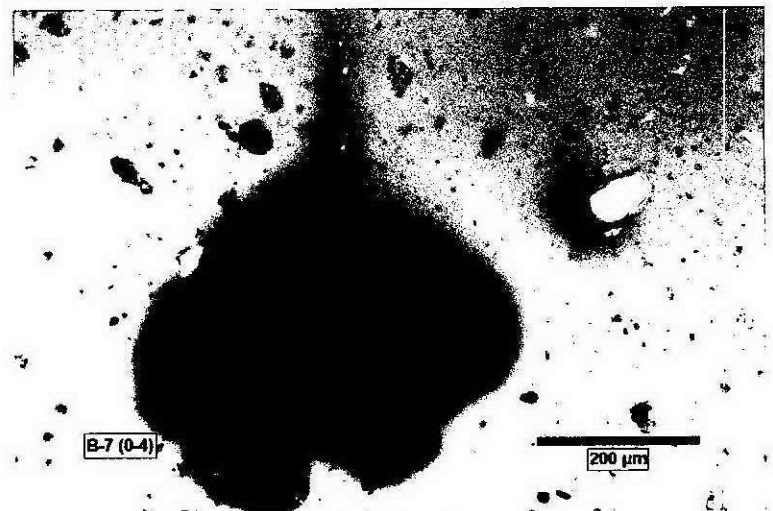
particles were difficult to break, had an outer coating of the black sticky material and a mineral in the interior. The particles dissolved to a red-brown color in the aromatic optical index oil and revealed mainly external and some internal mineral grains as is depicted in the PLM photo above.

The SEM examination found that the particles appeared showed a globular surface broken by irregular protrusions of mineral grains. EDX examination of the elemental composition of these particles showed concentrations of aluminum silicon, sulfur, calcium, titanium and iron. The morphology and chemistry of these particles could represent a mix of asphalt and tar or tar that has melted around and coated several mineral grains.

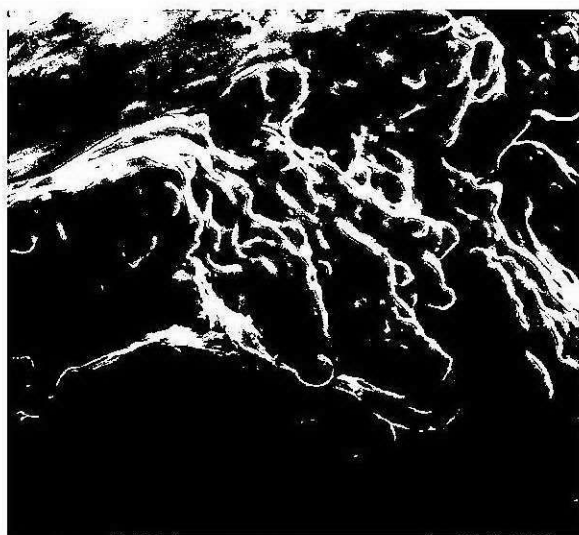


B-7 (0-4):

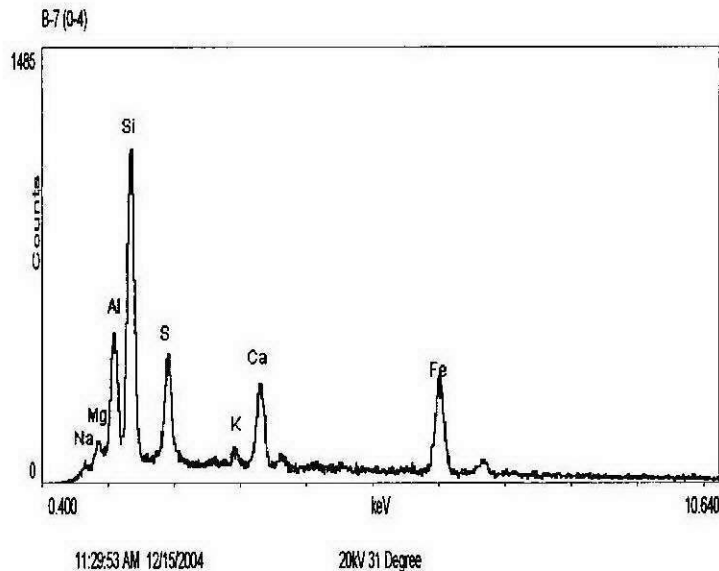
The one suspect particle found in sample B-7 (0-4) is similar with the suspect particle found in B-5 (0-4). This particle type appeared as dark, opaque, irregularly shaped mineral-like grains. Some puck mark depressions were visible on the particles' surfaces and internally when particles were broken. Most of the particle surfaces appeared shiny and several of the particles were pliable with a sticky consistency. Particles had mineral matter stuck to the surface. Some of the grains when broken contained several interior mineral grains. As is evident in the PLM photo the particles dissolved to a red-brown color in the aromatic optical index oil and revealed mainly external, but sometimes internal mineral grains.



The SEM examination found that the particles showed a globular surface broken by protrusions of mineral grains. SEM/EDX examination of the elemental composition of these particles showed concentrations of sodium, magnesium, aluminum, silicon, sulfur, potassium, calcium and iron. Again the morphology and chemistry of these particles could represent a mix of asphalt and tar or tar that has melted around and coated several mineral grains.

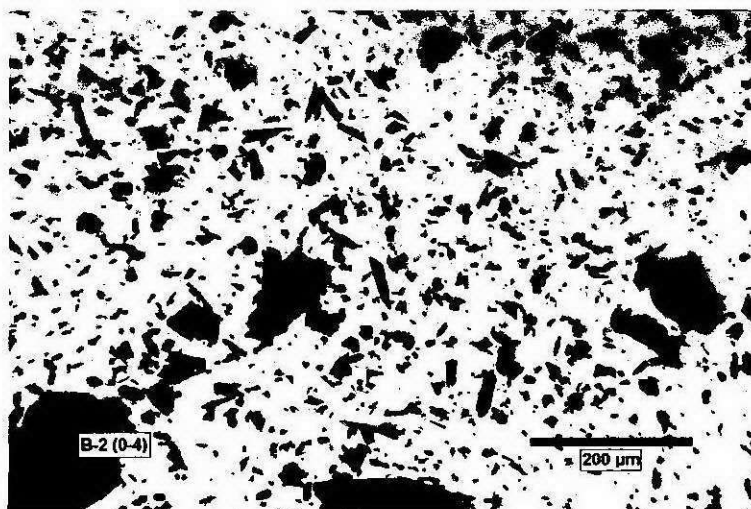


Mag:300 B-7 (0-4) 10 µm

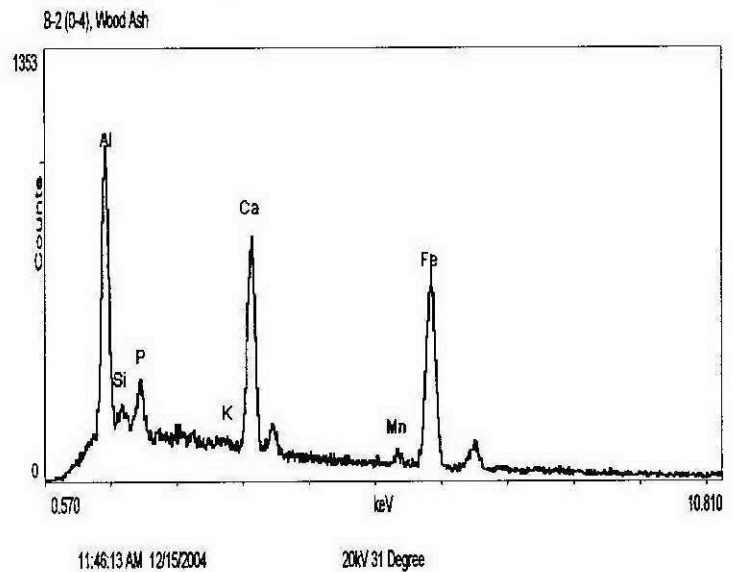
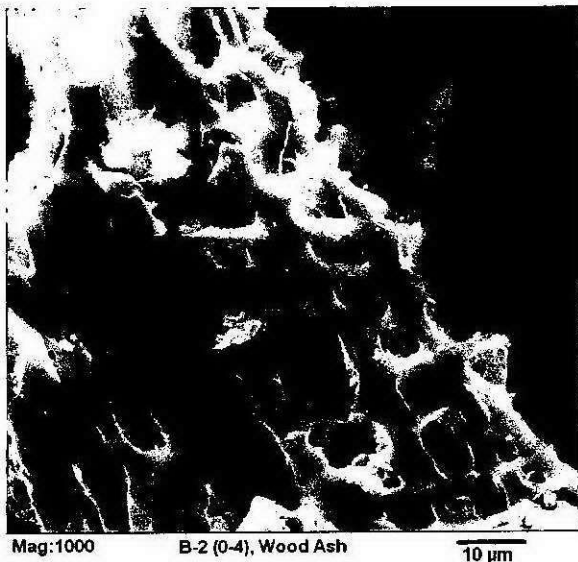


B-2 (0-4)

One suspect particle type was detected in the third sample. As is evident from the PLM photomicrograph the particles were opaque, fibrous and chunk like. Some evidence of cellular structures was visible. The particles did not dissolve in the index of refraction oil.



The SEM photomicrograph clearly shows the fibers with chambers and circular indents indicating the cellular structure of the wood. The EDX spectrum demonstrates strong aluminum, calcium and iron peaks, with lesser concentrations of silicon, phosphorous, potassium and manganese. The calcium peak was due to the presence of calcium carbonate that was derived from the decomposition of calcium oxalate crystals in the bark. Other elements are present in varying concentrations and may have diffused into the wood from the surrounding media. These characteristics and elemental ratios are consistent with wood ash. The metallic elements aluminum and iron were consistently present in the examined particles.



DISCUSSION:

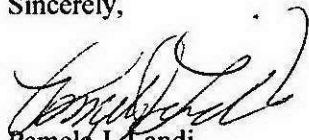
The EDX data, texture and morphology of the grains as seen by the PLM and SEM in sample B-5 (0-4) were consistent for a very heavy loading of asphalt with tar or tar over mineral grains.

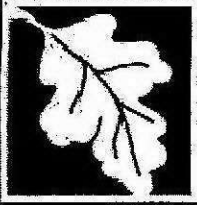
Sample B-7 (0-4) contained a very heavy loading of asphalt with tar or tar over mineral grains.

Sample B-2 (0-4) contained a trace to light concentration of wood ash.

Should you have further questions, or need additional information, please contact client services or me at any time.

Sincerely,


Pamela J. Landi
Analyst



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

original has signature
BWSC108 *OP*

**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

A. SITE LOCATION:

1. Site Name: Heritage State park/Great Falls Discovery Center

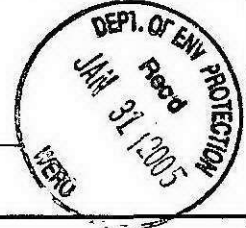
2. Street Address: Avenue A and Second Street

3. City/Town: Montague 4. ZIP Code: 01376-0000

5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

a. Tier IA b. Tier IB c. Tier IC d. Tier II

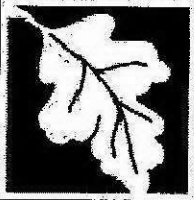
6. If applicable, provide the Permit Number: _____



B. THIS FORM IS BEING USED TO: (check all that apply)

- 1. Submit a **Phase I Completion Statement**, pursuant to 310 CMR 40.0484.
- 2. Submit a **Revised Phase I Completion Statement**, pursuant to 310 CMR 40.0484.
- 3. Submit a **Phase II Scope of Work**, pursuant to 310 CMR 40.0834.
- 4. Submit an **Interim Phase II Report**. This report does not satisfy the response action deadline requirements in 310 CMR 40.0500.
- 5. Submit a **final Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.
- 6. Submit a **Revised Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.
- 7. Submit a **Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.
- 8. Submit a **Revised Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.
- 9. Submit a **Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.
- 10. Submit a **Modified Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.
- 11. Submit an **As-Built Construction Report**, pursuant to 310 CMR 40.0875.

(All sections of this transmittal form must be filled out unless otherwise noted above)



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

B. THIS FORM IS BEING USED TO (cont.): (check all that apply)

12. Submit a **Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

Specify the outcome of Phase IV activities: (check one)

- a. Phase V Operation, Maintenance or Monitoring of the Comprehensive Remedial Action is necessary to achieve a Response Action Outcome.
- b. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- c. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- d. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

13. Submit a **Revised Phase IV Final Inspection Report and Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

14. Submit a **periodic Phase V Inspection & Monitoring Report**, pursuant to 310 CMR 40.0892.

15. Submit a **Remedy Operation Status**, pursuant to 310 CMR 40.0893.

16. Submit a **periodic Inspection & Monitoring Report to maintain a Remedy Operation Status**, pursuant to 310 CMR 40.0893(2).

17. Submit a **Termination of a Remedy Operation Status**, pursuant to 310 CMR 40.0893(5).

18. Submit a **final Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.

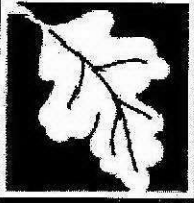
Specify the outcome of Phase V activities: (check one)

- a. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement (BWSC104) will be submitted to DEP.
- b. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- c. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and/or that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

19. Submit a **Revised Phase V Inspection & Monitoring Report and Completion Statement**, pursuant to 310 CMR 40.0894.

20. Submit a **Post-Response Action Outcome Inspection & Monitoring Report**, pursuant to 310 CMR 40.0897.

(All sections of this transmittal form must be filled out unless otherwise noted above)



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that a **Phase I, Phase II, Phase III, Phase IV or Phase V Completion Statement** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that a **Phase II Scope of Work** or a **Phase IV Remedy Implementation Plan** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that an **As-Built Construction Report, Phase V Inspection and Monitoring Report, or a Remedy Operation Status** is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9999

2. First Name: Paul

3. Last Name: Beaulieu

4. Telephone: (413) 875-1302

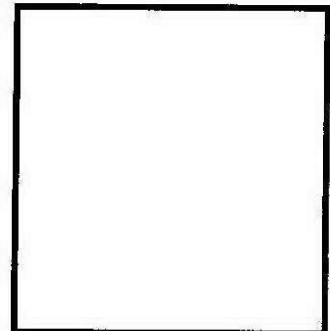
5. Ext.: _____

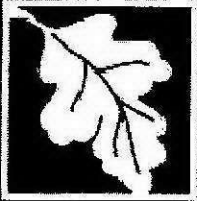
6. FAX: _____

7. Signature: _____

8. Date: _____
(mm/dd/yyyy)

9. LSP Stamp:





**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

D. PERSON UNDERTAKING RESPONSE ACTIONS:

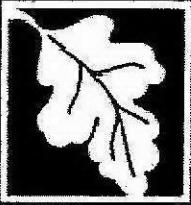
1. Check all that apply: a. change in contact name b. change of address c. change in the person undertaking response actions
2. Name of Organization: Montague Economic Development & Industrial Corp.
3. Contact First Name: Jay 4. Last Name: Dipucchio
5. Street: 38 Avenue A 6. Title: Chairperson
7. City/Town: Turners Falls 8. State: MA 9. ZIP Code: 01376-0000
10. Telephone: (413) 863-3221 11. Ext.: _____ 12. FAX: _____

E. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. RP or PRP a. Owner b. Operator c. Generator d. Transporter
 e. Other RP or PRP Specify: _____
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Undertaking Response Actions Specify Relationship: _____

F. REQUIRED ATTACHMENT AND SUBMITTALS:

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.
3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase III Remedial Action Plan.
4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase IV Remedy Implementation Plan.
5. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of any field work involving the implementation of a Phase IV Remedial Action.
6. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Name. Send corrections to the DEP Regional Office.
7. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



**COMPREHENSIVE RESPONSE ACTION TRANSMITTAL
FORM & PHASE I COMPLETION STATEMENT**

Release Tracking Number

1 - 494

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

G. CERTIFICATION OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. I, Jay Dipucchio, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____ 3. Title: Chairperson
Signature

4. For: Montague Economic Development & industrial Corp. 5. Date: _____
(Name of person or entity recorded in Section D) (mm/dd/yyyy)

6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Appendix L:

Qualifications of Environmental Professional

BACKGROUND

2024-Present
Senior Project Manager
Weston & Sampson

2022-2024
Project Manager
Weston & Sampson

2021-2022
Senior Project Environmental
Scientist
Weston & Sampson

2016-2021
Project Environmental Scientist
Weston & Sampson

2015-2016
Environmental Scientist II
Weston & Sampson

2015
Senior Environmental Analyst
Massachusetts Dept of
Environmental Health

2012-2015
Environmental Scientist
Weston & Sampson

2011-2012
Environmental Field Technician
Weston & Sampson

2007-2009
Construction Project Manager
Spencer Construction

2005-2007
Site Superintendent
Sarrette Foundations

EDUCATION

2013-2015
Graduate Coursework
Environmental Geoscience
University of Massachusetts Lowell

2011
Bachelor of Science
Environmental, Earth, & Ocean
Science
University of Massachusetts Boston

PROFESSIONAL CERTIFICATIONS

Licensed Site Professional,
Massachusetts No. 9422

Joe is a senior project manager and Licensed Site Professional (LSP) with extensive experience managing the investigation, remediation, and redevelopment of Brownfields properties in Massachusetts. He has worked on numerous projects funded by the US Environmental Protection Agency (EPA), including Brownfields sites and polychlorinated biphenyls (PCB) short-term cleanup sites. He has conducted, authored, and/or reviewed hundreds of ASTM due diligence assessments on both the purchase and divestment sides. Joe has also led multiple complex regulatory compliance and closure strategies across multiple industry sectors under the MCP, CERCLA, and TSCA.



SPECIFIC PROJECT EXPERIENCE

Universal Steel Redevelopment, Salem, Massachusetts. Environmental scientist for the Universal Steel project. Provided LSP services to several entities during the redevelopment of this former PCB-impacted scrap metal facility, including a regional planning council, the City of Salem, MassDEP, and EPA. Responsible for the design and management of a sampling program to precharacterize the site for disposal prior to redevelopment, and for oversight of remedial activities (i.e., soil excavation and leaching stabilization).

Community-Wide Brownfields Assessment and Area-Wide Planning, Chicopee, Massachusetts. Project manager / site assessment task manager for QEP and LSP services for a community-wide assessment grant and Brownfields Area Wide Plan (AWP) for Willimansett neighborhood. Work has included multiple Phase I ESAs, Phase II ESAs, and hazardous building material surveys. Responsibilities include managing field activities and the regulatory strategy, deadlines, and submittals, as well as overall technical responsibility for site assessment and re-use deliverables for the Project.

Site Assessment and Regulatory Compliance, Bay and Tapley Sites, Springfield, Massachusetts. Project manager / project environmental scientist for assessment, remedial planning, and regulatory compliance at a complex of multiple release sites known as the Bay & Tapley Sites in Springfield. Developed iterative assessment approach for multiple unique releases as well as site-wide impacts. Oversaw all stages of on-going assessment and remedial planning. Provides regulatory and technical support, as well as report writing for documents required under the MCP and TSCA.

Brownfields and Licensed Site Professional (LSP) Services, Peabody, Massachusetts. Project manager / site assessment task manager for QEP and LSP services for the City of Peabody's Riverwalk Project. Work has included multiple Phase I and Phase II ESAs, hazardous building material surveys, demolition, and remediation / reuse planning and design at multiple sites, including 24 Caller Street. Responsibilities include managing field activities and the regulatory strategy, deadlines, and submittals for the Project. Multiple phases of this project have been funded by the US EPA Community Wide Brownfields Assessment Grant, an EPA Brownfields Revolving Loan Fund (RLF), and other funding sources, including but not limited to a Community Development Block Grant (CDBG) and MassDevelopment Brownfields grant.

Certified Hazardous Materials
Manager, Institute of Hazardous
Materials Management - No. 26971

PROFESSIONAL CERTIFICATIONS, CONT.

OSHA 40-Hour HAZWOPER

OSHA 10-Hour Construction

PROFESSIONAL TRAINING

Phase I ESA Practices for
Commercial Real Estate - ASTM
International

PROFESSIONAL AFFILIATIONS

Environmental Business Council of
New England

Licensed Site Professional
Association, Technical Practices
Committee

ASTM International E50 Committee
on Environmental Assessment,
Risk Management, and Corrective
Action

PAPERS & PRESENTATIONS

Developing Background
Concentrations of Metals and PAHs
in Soil in an Urban Railroad Right-
of-Way

33rd Annual International
Conference on Soils, Sediments,
Water, & Energy, October 16-19,
2017, Amherst, MA

Spencer, J.R., J. Zhu, and C.R.
Olsen

Shallow Sediment Trace Metal
Concentration and Short-
Term Accumulation Rates in
the Neponset River Estuary,
Massachusetts, USA
Abstract OS31B-1418

American Geophysical Union Fall
Meeting, San Francisco
December 13-17

Polychlorinated Biphenyls (PCBs) Assessment, Conway Park, Somerville, Massachusetts. Project Manager for the assessment and cleanup of PCBs, which were detected in surficial soil at a children's playground and ballfield in Conway Park. Managed the initial response which included closing the field, community outreach, and notification to MassDEP and EPA. Also oversaw the comprehensive assessment, implementation of selected remedial alternatives, regulatory deadlines, and report writing for documents required under the MCP and TSCA. Assisted with the evaluation of cleanup options, cleanup design.

Brownfields and Licensed Site Professional (LSP) Services, Framingham, Massachusetts. Project manager / site assessment task manager for QEP and LSP services for the City of Framingham. Work included multiple Phase I ESAs and subsurface investigations at multiple sites, including the Cedar Woods property. Responsibilities included developing sampling plans and managing field activities, as well as the regulatory strategy, deadlines, and submittals.

Tremont Crossing Redevelopment, Peabody, Massachusetts. Project manager / project environmental scientist for the Tremont Crossing redevelopment. Provided development support and LSP services, and aided in navigating the EPA Brownfields funding process (QEP services). Responsibilities included the design and management of a subsurface investigation and all regulatory submittals (RAM Plan, PSS, AUL, etc.). Also responsible for generating EPA Brownfields-required documents, including a community relations plan, analysis of brownfields cleanup alternatives, and revolving loan fund application.

Ferdinand Redevelopment Project / Bruce C Bolling Building, Boston, Massachusetts. Environmental scientist for the redevelopment of the historic Ferdinand, Curtis, and Waterman Buildings into the new Dudley Square municipal office facility. Participated in the evaluation of hazardous building materials, preparation of construction plans and specifications for the abatement of hazardous materials, and abatement monitoring and oversight. Work included a subsurface sampling and analysis program that detected elevated concentrations of metals and PAHs in the soil, and chlorinated solvents, including PCE, in both soil and groundwater. Assisted with the remedial design to manage contaminated soil and groundwater during construction and install a vapor mitigation system, including a vapor barrier and sub-slab depressurization system, beneath the proposed building. Responsibilities included providing oversight of remedial activities (i.e., chemical injections), sample collection, and technical support with MCP-related reports.

Area A-7 Police Station Remediation, East Boston, Massachusetts. Project scientist / project manager for the assessment and remediation of the new Area A-7 Police Station where elevated concentrations of metals and petroleum were detected in soil and groundwater. Responsibilities included overseeing multiple phases of environmental assessment, managing regulatory deadlines, and report writing for documents required under the MCP to support the new police station construction and site closure. Also assisted with design of the soil and hazardous waste management plan and preparation of plans and specifications for the environmental remediation and soil management during construction.

BACKGROUND

2024-Present
Senior Project Manager
Weston & Sampson

2022-2024
Senior Compliance Officer
Energy North Group

2018-2022
Senior Environmental Compliance
Manager
BW Gas & Convenience Holdings

2016-2018
Independent Contractor

2004-2010
Group Manager (Environmental)
WattersonEFM

2000-2004
Environmental Project Manager
TTL Associates, Inc.

1998-2000
Environmental Scientist
O'Reilly, Talbot & Okun Associates

1996-1998
Sustainable Waste Management
and Recycling Project Coordinator
Town of Amherst

EDUCATION

2023
Graduate Certificate
Offshore Wind Energy
University of Massachusetts
Amherst

1997
Bachelor of Science cum laude
Environmental Science
University of Massachusetts
Amherst

PROFESSIONAL REGISTRATION

National Registry of Environmental
Professionals

Class A/B Operator Certification
10-Hour OSHA
40-Hour HAZWOPER

PROFESSIONAL AFFILIATIONS

2004-2006
Chairwoman, Brownfield
Redevelopment Committee

Melissa is a Senior Project Manager with 25 years of experience in successfully collaborating with all compliance stakeholders to provide in-depth environmental and compliance oversight.

SPECIFIC PROJECT EXPERIENCE

Phase I and II ESAs, Illinois, Indiana, Kentucky, Michigan, New York, New Jersey, Ohio, and Pennsylvania. Project Manager for due diligence associated with a retail pharmacy's new store development program and Real Estate Investment Trust (REIT) refinancing.

Phase I and II ESAs, Corridor Studies, Ohio and Michigan. Project Manager for government agency environmental studies associated with highway/road expansion and infrastructure projects.

Phase I and II ESAs, Colorado, Iowa, Kansas, Maine, Massachusetts, Missouri, Montana, Nebraska, New Hampshire, New Mexico, Oklahoma, Oregon, South Dakota, Texas, and Wyoming. Directed due diligence for over 800 convenience store properties (w/retail motor fuel sales) associated with acquisitions (up to a one-billion-dollar deal), divestitures, refinancing and environmental documentation required for a public filing.

EPA and State-Specific Compliance, Iowa, Kansas, Maine, Massachusetts, Missouri, Nebraska, New Hampshire, New Mexico, Oklahoma, Oregon, South Dakota, Texas, and Wyoming. Oversaw all aspects of storage tank compliance, including emergency response and primary regulatory contact for over 500 retail fueling stations and ten bulk storage facilities.

Brownfield Projects Massachusetts and Michigan. Assisted with assessments for local and state brownfield redevelopment projects. Projects included a City of Detroit former industrial building redeveloped into low-income housing and commercial space and a former gasoline station property into a bank. Former chairwoman for a Michigan local municipalities Brownfield Redevelopment Authority.

Subsurface Investigations throughout Illinois, Indiana, Ohio, Massachusetts, and Michigan. Performed various subsurface investigations for properties associated with former coal gas manufacturing, automobile manufacturing, gasoline station operations, refineries, automotive repair facilities, industrial plating/coating operations, steel industry, and other activities associated with petroleum and hazardous material use and storage. Project activities included assessment, monitoring and/or remediation components required to bring impacts to closure.

Underground Storage Tank Installation, Removal and/or Upgrade Projects, Various locations throughout Iowa, Kansas, Maine, Massachusetts, Missouri, Nebraska, New Hampshire, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming. Managed environmental and compliance activities associated with removal, installation and/or component upgrade activities including assessment, monitoring, remediation, closure and insurance.

