



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site Assignment

BWP SW 38 Site Suitability for a Major Modification of an Existing Site Assignment

X269663

Transmittal Number

584402

Facility ID# (if known)

Instructions

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



BWP SW 01 Site Suitability Report for New Site Assignment:

The information requested on this application form must be supplied when filing an Application for a new Site Assignment pursuant to the provisions of the *Site Assignment Regulations for Solid Waste Management Facilities*, 310 CMR 16.00.

The form is divided into six parts that are to be completed as follows:

- I. General Information: All Applicants complete Part I.
- II. Facility Specific Criteria: Part II is divided into three sections,
 - II.A. For landfills,
 - II.B. For combustion facilities, and
 - II.C. For waste handling and processing facilities.Applicants should complete only the appropriate section.
- III. General Criteria: All Applicants complete Part III.
- IV. Integrated Solid Waste Management: Complete Part IV only if the proposed facility is a landfill or combustion facility.
- V. Waiver: Complete Part V only if a waiver is requested.
- VI. Signatures and Certification: All Applicants must sign the application in Part VI.

BWP SW 38 Site Suitability Report for a Major Modification of a Site Assignment:

The information requested on this application form must be supplied when filing an Application for a major modification of an existing Site Assignment pursuant to the provisions of the *Site Assignment Regulations for Solid Waste Management Facilities* at 310 CMR 16. 22(2).

When applying for a Major Modification, the applicant need only complete those sections of the form that concern criteria affected by the major modification as determined in writing by the Department. The applicant shall obtain this written determination from the Solid Waste Section in the DEP Regional Office prior to completing and submitting this application.

General Information:

The Applicant should refer to the regulations themselves when completing the Application form. The Application form provides a format for presenting the information required to determine whether the site meets the criteria set forth in the Site Assignment Regulations themselves. The Application form is not a substitute for the regulations, and the Applicant is responsible for providing all the information relevant to evaluating the suitability of the site in accordance with 310 CMR 16.00.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

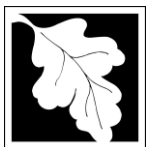
Instructions (cont.)

The application form is annotated with section numbers, enclosed in {braces}, that reference sections in the regulations. These references are included to make it easier to consult the regulations for guidance in completing the application. The references are abbreviated in that, for example, 310 CMR 16.05(2) is written as {16.05(2)}.

Completing the Application Form:

This application form contains three types of questions or requests for information:

- 1) Requests that documents be attached (e.g., maps). Please attach these documents and note on the application form where these documents can be found.
- 2) Questions that require a written response. Questions that require a very brief response may be answered in the space provided on the form itself. Longer responses should be attached to the form and the location of the attachment identified in the space provided.
- 3) Questions that require a "yes" or "no" response. Put an "X" in the appropriate box and indicate in the space provided where additional information or information supporting the response can be found.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

Section I. General Information

Instructions: All Applicants should complete Part I.

A. Site Location and Project Description

Please provide the information requested.

1. Project name:

United Medical Waste (UMW) Transfer Facility

Name of Project

2. Site address:

56-64 Worcester Road

Street

Webster

City/Town

MA

State

01570

Zip Code

3. Type of facility:

- ☐ landfill
☐ combustion
☒ waste handling and processing

4. Total area of the site, including all buffer zones:

24.37

acres

5. Total area to be site assigned for solid waste activities:

0.78

acres

6. Capacity and expected life of proposed facility:

- a. State the maximum daily capacity of the proposed facility in tons per day. (This number should represent the maximum amount of waste to be accepted on any single day.):

49

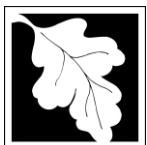
tons per day

- b. State the average daily capacity of the proposed facility and describe how the average was computed:

49

average daily capacity (tons per day)

Currently UMW transports medical waste to an existing waste transfer facility, UMW seeks permission to transfer 49 tons per day.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number _____

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known) _____

A. Site Location and Project Description (cont.)

- c. State the yearly capacity of the proposed facility and, if the capacity is expected to change over the life of the facility, indicate the capacity in each year the proposed facility is expected to operate:

~9800 tons (49 tons per day x 200 days of
operation in a year excluding holidays, etc.) _____

Expected change in capacity (if applicable):

Expected yearly capacity	Year
N/A	_____
_____	_____
_____	_____
_____	_____

- d. State the number of years the facility is expected to operate:

The facility is a transfer station and as such
does not have a finite lifespan _____

- e. State the total lifetime capacity of the proposed facility:

The facility is a transfer station and as such
does not have a finite lifespan _____

7. Type of Waste: What type of waste will be accepted at the proposed facility? (check all that apply)

- ☐ municipal solid waste
☐ construction and demolition waste
☐ industrial waste
☒ other, please specify: Biomedical waste _____

8. Project Description: describe the proposed project:

UMW is requesting to expand the approved Site Suitability Assignment from 56 Worcester Road to include 64 Worcester Road in Webster, MA. The proposed solid waste transfer station is for handling of medical waste (i.e. "Infectious or Physically Dangerous Medical or Biological Waste" as defined at 105 CMR 480.000, Storage and Disposal of Infectious or Physically Dangerous Medical or Biological Waste, State Sanitary Code Chapter VII and "Infectious Waste" as defined at 310 CMR 19.061, Solid Waste Management Facility Regulations, Special Waste). The facility is expected to operate at a capacity of 49 tons per day.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

B. Applicant Identification

1. Identify the owner of the site:

Kunkel Bus Co, Inc

Name

870 School Street

Street Address

Webster

City/Town

MA

State

01570

Zip Code

Telephone

Contact Person

Contact Telephone

2. Identify the operator of the proposed facility if the owner has entered into an agreement with an operator:

United Medical Waste Management, Inc.

Name

20 Oakhurst Road

Street Address

Sutton

City/Town

MA

State

01590

Zip Code

Telephone

Timothy Ryan

Contact Person

508-234-2400

Contact Telephone

C. Fees {16.08(4)}

1. Proof of Payment: Documentation must be submitted showing that the requirements for paying the Technical Fee to the Board of Health as per 16.08(4) have been satisfied.

Proof of payment may be either (please check which one you have provided):

☐ Document from the Board of Health stating that the Board of Health has waived the technical fee or that the Applicant has satisfied the Technical Fee payment requirements; or

☒ Receipt showing that the Applicant has paid the Maximum Technical Fee to the municipality.

Location of Attachment:

See Appendix A

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number _____

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known) _____

C. Fees {16.08(4)} (cont.)

2. Amount of Maximum Technical Fee: Enter the Maximum Technical Fee as computed using Appendix A of 310 CMR 16.99:
 $\$3,000 + (\$20/49\text{tpd}) = \$3,980$
Maximum Technical Fee _____

D. Collection Center for Household Hazardous Waste

Does the applicant intend to apply, pursuant to 310 CMR 30.190, for approval to operate a collection center for hazardous waste from households on the proposed site?

☐ Yes ☒ No

If "yes," the Applicant should contact the Permitting Section of the Bureau of Waste Prevention in the appropriate DEP Regional Office.

E. Declaration of Waiver Request {16.08(5)(c)}

1. Is a waiver from any of the site suitability criteria being requested under provisions of 310 CMR 16.40(6)? (If "yes," complete Part V.A. of this application form.)
☐ Yes ☒ No
2. Is a waiver from any of the requirements of Part I of 310 CMR 16.00 being requested under provisions of 310 CMR 16.18? (If "yes," complete Part V.B. of this application form.)
☐ Yes ☒ No

F. Massachusetts Environmental Policy Act (MEPA) {16.08(5)(d)}

Indicate which one of the following is attached to the application:

- ☒ Evidence that the project does not require MEPA review.
- ☐ Certificate from the Secretary of the Executive Office of Environmental Affairs stating that an Environmental Impact Report is **not** required.
- ☐ Evidence that the MEPA process does apply and the Secretary has determined that an EIR is required. (Note: The DEP will not complete its technical review of the application until the applicant submits the Certificate from the Secretary of the Executive Office of Environmental Affairs stating that the Final Environmental Impact Report is acceptable.)
- ☐ Certificate from the Secretary of the Executive Office of Environmental Affairs stating that the Final Environmental Impact Report is acceptable.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

F. Massachusetts Environmental Policy Act (MEPA) {16.08(5)(d)} (cont.)

Location of Attachment:

See Appendix B
section and/or page numbers

G. Wetlands Resources

1. Buffer Zone: Is any part of the proposed site located within 100 feet of any wetlands?

☐ Yes ☒ No

2. Riverfront Area: Is any part of the site located within a riverfront area?

☐ Yes ☒ No

3. Floodplain: Is any part of the proposed site located within a 100-year floodplain?

☐ Yes ☒ No

If the answer to question I.G.1, I.G.2 or I.G.3 is "yes," please describe what activities, if any, will occur within the 100-foot buffer zone, the riverfront area or the 100-year floodplain.

Respond here or identify location of attached response:

See Appendix C. The southwestern portion of the Property contains a wetland and Title 5 buffer zone. The Site is outside this buffer. The Site is a portion of an existing industrially zoned and developed property, and the activities will not involve the deposition or disposal of solid waste at the Site, as it is proposed to be a transfer station. See Appendix R for a Site concept plan.

section and/or page numbers

4. Order of Conditions: Will an Order of Conditions under the Wetlands Protection Act (c.131, s.40) be required?

☐ Yes ☒ No

5. Variance: Will a variance from the Wetlands regulations be required?

☐ Yes ☒ No



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

H. Maps

1. Ground Water Contour Map: Has a ground water contour map for the site been developed?

☐ Yes ☒ No

If Yes, please attach the map and identify the location of the attachment:

N/A

section and/or page numbers

Please submit the following with the Application:

2. Locus Map: A US Geological Survey (USGS) topographic map of at least 8.5 x 11 inches in size (7.5 minute series scale) should be attached which clearly delineates the proposed site boundaries and shows all access roads to the proposed site.

Identify the attachment:

See Appendix D.

section and/or page numbers

3. Water Resources Site Plan: The following information regarding water resources should be indicated on a site plan (scale no larger than one inch equals two hundred feet) that covers the site plus a one-half mile extension in all directions from the site boundary. Please refer to the definitions at 310 CMR 16.02 for guidance on the meaning of the terms.

- All wetlands, associated buffer zones and riverfront areas as defined in 310 CMR 10.00
- All 100-year flood plains
- All surface water bodies (rivers, streams, ponds, lakes, reservoirs etc),
- All perennial streams draining to surface drinking water supplies,
- All private water supply wells
- All public water supply wells
- All or any fractions of Interim Wellhead Protection Areas (IWPA) or Zone II areas
- All or any fractions of Proposed Drinking Water Source Areas
- All or any fraction of a Zone A or B of a surface water supply

Identify the location of the attachment:

See Appendix C Water Resources Site Plan.

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

H. Maps (cont.)

4. Land Use Site Plan: The following information regarding land use should be indicated on a site plan (scale no larger than one inch equals two hundred feet) that covers the site plus a one-half mile extension in all directions from the site boundary:
- All wildlife management areas,
 - All Areas of Critical Environmental Concern (ACEC) as established by the Secretary of the Executive Office of Environmental Affairs (EOEA),
 - All lands actively devoted to agricultural or horticultural uses and lands classified as Prime, Unique, or of State and Local Importance by the United States Department of Agriculture, Natural Resources Conservation Service;
 - All of the Following Open Space Protected Areas:
 - state forests
 - state or municipal parklands or conservation land, or other open space held for natural resource purposes in accordance with Article 97 of the Massachusetts Constitution
 - Department of Conservation & Recreation (DCR) reservations
 - lands with conservation. preservation, agricultural, or watershed protection restrictions approved by the Secretary of the Executive Office of Environmental Affairs
 - conservation land owned by private non-profit land conservation organizations that is open to the public
 - All residential dwellings on site and within 500 feet (1000 feet for landfills) of the property boundary,
 - All occupied commercial buildings within 500 feet of the property boundary,
 - All of the following:
 - health care facilities
 - prisons
 - Elementary Schools
 - middle schools
 - high schools
 - children's' pre-schools
 - licensed day care centers
 - senior centers
 - youth centers
 - Other Solid Waste Facilities
 - All proposed waste handling areas on the site,
 - All proposed areas of waste deposition on the site,
 - All buildings and other facilities proposed on the site,
 - All access roads on the site and traffic flow off the site,
 - All abutting properties and their appropriate zoning designation (include any zoning abbreviations in plan legend).
 - The zoning designation of the proposed site.

Identify the location of the attachment:

See Appendix E.

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

Section II. Facility Specific Criteria

Part II is divided into three sections. Complete only the appropriate section.

- II.A. Landfills
- II.B. Combustion Facilities
- II.C. Waste Handling and Processing Facilities

A. Landfills {16.40(3)(a)}

Complete Part II.A., if Site Assignment is sought for a landfill.

1. Zone II of Existing Public Water Supply {16.40(3)(a)1.}: Will any area of waste deposition be located within the designated Zone II area of an existing public water supply well?

☐ Yes ☐ No

Location of supporting information or comments:

section and/or page numbers

2. IWPA of Existing Public Water Supply {16.40(3)(a)2.}: If the Zone II of an existing public water supply well has not been determined, will any area of waste deposition be within the Interim Wellhead Protection Area (IWPA) as defined at 310 CMR 22.02?

☐ Yes ☐ No

If "Yes" see the note at Question II.A.4. and identify where additional information is attached:

section and/or page numbers

3. Zone II or IWPA of a Proposed Drinking Water Source Area {16.40(3)(a)3.}: Will any area of waste deposition be within the area of a Zone II or Interim Well Head Protection Area (IWPA) of a proposed drinking water source area for which the documentation necessary to obtain a source approval has been submitted prior to the earlier of either the site assignment application, or if the MEPA process does apply, the Secretary's Certificate on the Environmental Notification Form or Notice of Project Change, or where applicable, the Secretary's Certificate on the EIR or Final EIR;

☐ Yes ☐ No

If "Yes" see the note at Question II.A.4. and identify where additional information is attached:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

A. Landfills {16.40(3)(a)} (cont.)

4. 15,000 Feet Upgradient of Existing Public Water Source Well or Proposed Drinking Water Source Area {16.40(3)(a)4.}: In instances where the Zone II has not been calculated, will any area of waste deposition be 15,000 feet or less hydraulically upgradient of an existing public water source well or proposed drinking water source area?

☐ Yes ☐ No

See the note and identify where additional information is attached:

section and/or page numbers

Note: If the answer to Questions II.A.2., 3, or 4 is “YES,” the applicant may conduct and submit with this application a preliminary Zone II study, approved of by the Department, showing that the waste deposition area would be beyond the Zone II of the public water supply well or proposed drinking water source area in question. Alternatively, the applicant may prepare and submit, with this application, other evidence showing the well or proposed drinking water source area and the ground water under the proposed site are not hydraulically connected

The Applicant should consult with the DEP Drinking Water Program in the Bureau of Resource Protection prior to conducting a preliminary Zone II investigation to determine the scope of the investigation. At a minimum, the preliminary Zone II submittal should consist of:

- 1) A review and discussion of all available pertinent geologic and hydrologic data including bedrock and surficial geologic maps, hydrologic data reports and atlases, consultant reports, and pumping test reports;
 - 2) An estimate and orientation of the regional hydraulic gradient across the well site;
 - 3) A preliminary conceptual model of the aquifer, including a discussion of pertinent recharge and till boundaries; and
 - 4) A preliminary estimate of the Zone II area as defined in the Drinking Water Program’s Water Supply Guidelines.
5. Danger to existing or proposed drinking water source area {16.40(3)(a)5.}: State why a discharge from the facility would not pose a danger to any existing or proposed drinking water source area.

Respond here or identify where the response is attached:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number _____

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known) _____

A. Landfills {16.40(3)(a)} (cont.)

6. Sole Source Aquifer {16.40(3)(a)6.}: Will any area of waste deposition be located within the recharge area of a designated sole source aquifer? (Sole Source Aquifers are designated by the US Environmental Protection Agency. To inquire as to whether a site is located above a Sole Source Aquifer contact the US Environmental Protection Agency, Region I, Ground Water Management Section.)

☐ Yes ☐ No

Identify location of attached information:

section and/or page numbers

If the answer to question II.A.6. is "yes," then the site is not suitable unless the criteria in 310 CMR 16.40(3)(a)6.a., b. and c. are met. Attach documentation showing that these criteria are satisfied.

Identify location of attached information:

section and/or page numbers

7. Zone of Contribution or Recharge Area {16.40(3)(a)7.}: Is any area of waste deposition within the zone of contribution of an existing public water supply or proposed drinking water source area, or the recharge area of a surface drinking water supply, pursuant to a municipal ordinance or by-law enacted in accordance with M.G.L. c. 40A, § 9?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

8. Zone A or B of Surface Drinking Water Supply {16.40(3)(a)8.}: Will any area of waste deposition be within the Zone A or Zone B of a surface water supply?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

A. Landfills {16.40(3)(a)} (cont.)

9. Perennial stream draining to Surface Drinking Water Supply {16.40(3)(a)9.} Will any area of waste deposition be located within 400 feet upgradient, as defined by groundwater flow or surface water drainage, of a perennial water course that drains to a surface water supply that itself is within one mile of the waste deposition area?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

10. Potentially Productive Aquifer {16.40(3)(a)10.}: Will any area of waste deposition be within a Potentially Productive Aquifer?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

If the answer to question II.A.10. is "yes," then the site is not suitable unless documentation is attached showing that either 16.40(3)(a)10.a., b. or c. applies.

Identify location of attached documentation:

section and/or page numbers

11. Within 1000 feet Upgradient or Otherwise within 500 Feet of an Existing or Potential Private Water Supply Well {16.40(3)(a)11.}: Will any area of waste deposition be within 1000 feet upgradient, and where not upgradient, within 500 feet, of a private water supply well existing or established as a potential supply at the time of submittal of the application?

☐ Yes ☐ No

Identify location of supporting information or comments

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

A. Landfills {16.40(3)(a)} (cont.)

If the answer to question II.A.11 is "yes," attach documentation showing a valid option to purchase each such supply. Also indicate whether a replacement drinking water supply will be provided.

Identify the location of attached documentation:

section and/or page numbers

12. Four Feet Depth to Ground Water {16.40(3)(a)12.}: Will the maximum high ground water level under any area of waste deposition be less than four (4) feet below the lowermost level of the waste or, if a liner system is employed, four feet below the bottom of the lower most liner?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

13. Wetlands 16.40(3)(a)13.}: Will any area of waste deposition or any leachate containment structure be within any resource area, including the 100 year floodplain, protected by the Wetlands Protection Act?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

14. 400 Feet to a Lake or 200 feet to a Riverfront Area {16.40(3)(a)14.}: Will any area of waste deposition or any leachate containment structure be within 400 feet of a lake or within 200 feet of a Riverfront Area as defined in 310 CMR 10.00, that is not a drinking water supply?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

A. Landfills {16.40(3)(a)} (cont.)

15. 1000 Feet to Various Occupied Facilities {16.40(3)(a)15.}: Will any area of waste deposition be within 1000 feet of any of the following (excluding equipment storage or maintenance structures):

- an occupied residential dwelling,
- health care facility
- prison,
- Elementary School
- middle school
- high school
- children's' pre-school
- licensed day care center
- senior center
- youth center

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

If the answer to II.A.15. is "yes", attach documentation showing evidence of a valid option to purchase the facility in question.

Identify location of attached documentation:

section and/or page numbers

16. Ground water Protection System {16.40(3)(a)16.}: Will a ground water protection system be employed?

☐ Yes ☐ No

If a ground water protection system will be employed, describe the general features and components of the system which will prevent the migration of leachate and avoid adverse impact to the ground water.

If a ground water protection system will not be employed, demonstrate that the facility will not discharge leachate that presents a threat of adverse impact to ground water.

Identify location of attached explanation:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number _____

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known) _____

B. Combustion Facilities {16.40(3)(c)}

Complete Part II.B. if site assignment is sought for a combustion facility.

1. Zone I of Public Water Supply {16.40(3)(c)1.}: Will any waste handling area be within the Zone I of a public water supply?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

2. IWPA or Zone II of Existing Supply or Proposed Drinking Water Source Area {16.40(3)(c)2.}: Will any waste processing area be within:

- a) the Interim Wellhead Protection Area (IWPA) of an existing public supply

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

- b) Zone II of an existing public water supply

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

- c) a proposed drinking water source area, provided that the documentation necessary to obtain a source approval has been submitted prior to the earlier of either the site assignment application, or if the MEPA process does apply, the Secretary's Certificate on the Environmental Notification Form or Notice of Project Change, or where applicable, the Secretary's Certificate on the EIR or Final EIR,

☐ Yes ☐ No



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

B. Combustion Facilities {16.40(3)(c)} (cont.)

Identify location of supporting information or comments:

section and/or page numbers

If the answer to all the above is "No," do not respond to the following and go on to section II.B.3. If the answer to any of the above is "Yes," respond to the following requests:

Supply information to demonstrate to the Department that the risk of an adverse impact to the ground water will be minimized.

Identify location of attached information:

section and/or page numbers

Supply information to demonstrate to the Department that at least one of the following is true:

- 1) The proposed facility cannot reasonably be sited outside the IWPA or Zone II.
- 2) If the site has been previously used for solid waste management activities, there would be a net environmental benefit to the ground water by siting the facility within the Zone II or the IWPA.

Identify location of attached information:

section and/or page numbers

3. Zone A of Surface Water Supply {16.40(3)(c)3.}: Will the waste processing area be within the Zone A of a surface water supply?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

B. Combustion Facilities {16.40(3)(c)} (cont.)

4. Within 500 feet Upgradient or Otherwise within 250 Feet of an Existing or Potential Private Water Supply Well {16.40(3)(c)4.}: Will the waste processing area be within 500 feet upgradient, and where not upgradient, within 250 feet, of a private water supply well existing or established as a potential supply at the time of submittal of the application?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

If the answer to question II.B.4 is "yes," attach documentation showing a valid option to purchase each such supply. Also indicate whether a replacement drinking water supply will be provided.

Identify location of attached documentation:

section and/or page numbers

5. Two Foot Depth to Ground Water {16.40(3)(c)5.}: Will the maximum high ground water level be less than 2 feet below the surface in any waste handling or processing area?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

If "yes," indicate how the project can be designed to maintain a two foot separation.

Identify location of explanation:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

B. Combustion Facilities {16.40(3)(c)} (cont.)

6. 500 Feet to Various Occupied Facilities {16.40(3)(c)6.}: Will any waste handling or processing area be within 500 feet of any of the following (excluding equipment storage or maintenance structures):

- an occupied residential dwelling,
- health care facility
- prison,
- Elementary School
- middle school
- high school
- children's' pre-school
- licensed day care center
- senior center
- youth center

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers

If the answer to II.B.6. is "yes", attach documentation showing evidence of a valid option to purchase the facility in question.

Identify location of attached documentation:

section and/or page numbers

7. Riverfront Area {16.40(3)(c)7.}: Will the waste handling area be within the Riverfront Area as defined at 310 CMR 10.00?

☐ Yes ☐ No

Identify location of supporting information or comments:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number _____

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known) _____

C. Waste Handling and Processing Facilities {16.40(3)(d)}

Complete Part II.C if site assignment is sought for a waste handling and processing facility (all facilities other than landfills and combustion facilities).

1. Zone I of Public Water Supply {16.40(3)(d)1.}: Will any waste handling area be within the Zone I of a public water supply?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix C

section and/or page numbers

2. IWPA or Zone II of Existing Supply or Proposed Drinking Water Source Area {16.40(3)(d)2.}: Will any waste handling or processing area be within:

- a) the Interim Wellhead Protection Area (IWPA) of an existing public supply

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix C

section and/or page numbers

- b) the Zone II of an existing public water supply

☐ Yes ☒ No

Identify location of supporting information or comments:

The western portion of the Property, but no portion of the Site is within the Zone II of an existing public water supply. See Appendix C.

section and/or page numbers

- c) a proposed drinking water source area, provided that the documentation necessary to obtain a source approval has been submitted prior to the earlier of either the site assignment application, or if the MEPA process does apply, the Secretary's Certificate on the Environmental Notification Form or Notice of Project Change, or where applicable, the Secretary's Certificate on the EIR or Final EIR,

☐ Yes ☒ No



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

C. Waste Handling and Processing Facilities {16.40(3)(d)} (cont.)

Identify location of supporting information or comments:

See Appendix C.

section and/or page numbers

If the answer to II.C.2.a, b and c is "No," do not respond to the following and go on to section II.C.3. If the answer to II.C.2.a, b or c is "Yes," respond to the following requests.

Supply information to demonstrate to the Department that the risk of an adverse impact to the ground water will be minimized.

Identify location of attached information:

See Appendix C and Appendix E. The Site is an existing industrially zoned and developed property, and the activities will not involve the deposition or disposal of solid waste at the Site, as it is proposed to be a transfer station.

section and/or page numbers

Supply information to demonstrate to the Department that at least one of the following is true:

- 1) The proposed facility cannot reasonably be sited outside the IWPA or Zone II.
- 2) If the site has been previously used for solid waste management activities, there would be a net environmental benefit to the ground water by siting the facility within the Zone II or the IWPA.

Identify location of attached information:

See Appendix C and Appendix E. The Site is an existing industrially zoned and developed property, and the activities will not involve the deposition or disposal of solid waste at the Site, as it is proposed to be a transfer station.

section and/or page numbers

3. Zone A of Surface Water Supply {16.40(3)(d)3.}: Will the waste handling or processing area be within the Zone A of a surface water supply?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix C.

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

C. Waste Handling and Processing Facilities {16.40(3)(d)} (cont.)

4. Within 500 feet Upgradient or Otherwise within 250 Feet of an Existing or Potential Private Water Supply Well {16.40(3)(d)4.}: Will the waste handling or processing area be within 500 feet upgradient, and where not upgradient, within 250 feet, of a private water supply well existing or established as a potential supply at the time of submittal of the application?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix F.

section and/or page numbers

If the answer to question II.C.4 is "yes," attach documentation showing a valid option to purchase each such supply. Also indicate whether a replacement drinking water supply will be provided.

Identify location of attached documentation:

N/A

section and/or page numbers

5. Minimum Distances to Various Occupied Facilities {16.40(3)(d)5.}:

- a) Is the facility a transfer station using a fully enclosed storage system such as a compactor unit that proposes to receive less than or equal to 50 tons per day of solid waste

☐ Yes ☒ No

Identify location of supporting information or comments:

The facility is a medical waste transfer station to be used for the consolidation of medical waste. The Operation will include a covered and enclosed structure for the unloading and reloading of medical waste. No compaction or disassembly of medical waste will occur.

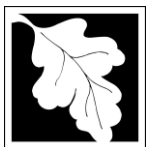
section and/or page numbers

- b) Is the waste handling area 250 feet or less from any of the following (excluding equipment storage or maintenance structures)

- an occupied residential dwelling,
- health care facility
- prison,
- Elementary School
- middle school
- high school
- children's' pre-school
- licensed day care center
- senior center
- youth center

☐ Yes ☒ No

Note:
Respond to this question if the answer to question a) above is "Yes."



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

C. Waste Handling and Processing Facilities {16.40(3)(d)} (cont.)

Identify location of supporting information or comments:

N/A

section and/or page numbers

Note:

Respond to this question if the answer to question a) above is "No."

- c) Is the waste handling area 500 feet or less from any of the following (excluding equipment storage or maintenance structures)

- an occupied residential dwelling,
- health care facility
- prison,
- Elementary School
- middle school
- high school
- children's' pre-school
- licensed day care center
- senior center
- youth center

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix E. The Site is not located 500 feet or less from any of the above listed buildings.

section and/or page numbers

6. Riverfront Area {16.40(3)(d)6.}: Will the waste handling area be within the Riverfront Area as defined at 310 CMR 10.00?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix C.

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

C. Waste Handling and Processing Facilities {16.40(3)(d)} (cont.)

7. Two Foot Depth to Ground Water {16.40(3)(d)7.}: Will the maximum high ground water level be less than 2 feet below the surface in any waste handling or processing area?

☐ Yes ☒ No

Identify location of supporting information or comments:

The depth to groundwater is unknown but presumed to be greater than 10 feet. A soil boring was performed in a topographically lower area and southwest of the proposed Site expansion to support the conclusion that groundwater at the Site is greater than 10 feet below grade. See Appendix G and H.
section and/or page numbers

If "yes," indicate how the project can be designed to maintain a two foot separation.

Identify location of explanation:

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

Section III. General Criteria {16.40(4)}

All applicants should complete all sections of Part III.

Note: When a response includes a description of a potential adverse impact, the applicant should describe both the qualitative and quantitative aspects of the potential impact.

A. Agricultural Land {16.40(4)(a)}

1. Does the site contain any land classified as Prime, Unique, or of State and Local Importance by the United States Department of Agriculture, Natural Resources Conservation Service?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix G. The proposed expanded Site is located at an industrially zoned property with a structure (to be constructed) that will be used for the medical waste transfer operations. Prime farmland is located on the southwestern portion of the Site but 100' or more from the Site boundary.
section and/or page numbers

2. Does the site contain any land deemed Land Actively Devoted to Agricultural or Horticultural Uses, except where the facility is an agricultural composting facility?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix E. The Site is located at an industrially zoned property with a structure (to be constructed) that will be used for the medical waste transfer operations.
section and/or page numbers

3. Will the facility be less than 100 feet from any land classified as Prime, Unique, or of State and Local Importance by the United States Department of Agriculture, Natural Resources Conservation Service?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix H. The Site is located at an industrially zoned property with a structure (to be constructed) that will be used for the medical waste transfer operations.
section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

A. Agricultural Land {16.40(4)(a)} (cont.)

4. Will the facility be less than 100 feet from any land deemed Land Actively Devoted to Agricultural or Horticultural Uses, except where the facility is an agricultural composting facility?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix E. The Site is located at an industrially zoned property with a structure (to be constructed) that will be used for the medical waste transfer operations.

section and/or page numbers

B. Traffic Impacts {16.40(4)(b)}

1. ENF/EIR Accepted by MEPA

If the applicant prepared an Environmental Notification Form (ENF) to comply with the requirements of the Massachusetts Environmental Policy Act (MEPA), please attach all portions of the ENF that are relevant to traffic impacts. If the applicant was also required to submit an Environmental Impact Report (EIR) to comply with MEPA, please attach all portions of the EIR relevant to traffic impacts.

☐ ENF/EIR traffic impacts attached
☒ ENF/EIR not required

Identify location of attachments or comments:

N/A. See Appendix B

section and/or page numbers

2. ENF/EIR Not Required by MEPA

If no ENF or EIR was required to comply with MEPA, please provide the following information in an attachment:

- a) Maximum number of trips to the site per day by type of vehicle:
- b) Indicate, by vehicle type, the anticipated number of trips that will be made on each of the roads serving the facility.
- c) Identify any intersections, school zones, hospitals, or other locations on the roads serving the facility that may be adversely impacted by traffic accessing the site.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

B. Traffic Impacts {16.40(4)(b)} (cont.)

Identify the location of the attached information or comments

See Appendix I

section and/or page numbers

C. Wildlife and Wildlife Habitat {16.40(4)(c)}

The Natural Heritage and Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries and Wildlife administers the programs dealing with the Wildlife and Wildlife Habitats referred to in these questions. The NHESP should be contacted to obtain the information and documentation needed to respond to the questions in this section.

The applicant must obtain a specific response from NHESP regarding the proposed site and attach the response to this application.

1. Habitat of Endangered, Threatened, or Special Concern Animal or Plant: Is the proposed site within the habitat of a state-listed Endangered, Threatened, or Special Concern animal or plant, as documented by the Natural Heritage and Endangered Species Program in its database?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix J.

section and/or page numbers

2. Ecologically Significant Natural Communities: Is the proposed site located in or adjacent to an area described on the most recent map of Ecologically Significant Natural Communities as documented by the Natural Heritage Program in its database?

☐ Yes ☒ No

Identify location of supporting information:

See appendix J.

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

C. Wildlife and Wildlife Habitat {16.40(4)(c)} (cont.)

3. Wildlife Management Area: Is the proposed site located in an area adjacent to or with the potential to impact upon a Wildlife Management Area designated and managed by the Division of Fisheries and Wildlife?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix J.

section and/or page numbers

Instructions: If the answer to any of the above questions (III.C.1., III.C.2. or III.C.3.) is "yes," and the proposed facility does have the potential to adversely impact one or more Endangered, Threatened, or Special Concern animals or plants or Wildlife Management Area, then answer questions III.C.4. and, if necessary, III.C.5. If the answer to each of the above questions (III.C.1., III.C.2. and III.C.3.) is "no," do not answer question III.C.4. or III.C.5.

4. Adverse Impact on Habitat: Will the proposed site have an adverse impact on the habitat of a state-listed Endangered, Threatened, or Special Concern animal or plant, Ecologically Significant Natural Community, or Wildlife Management Area, as determined by the Natural Heritage and Endangered Species Program? (Attach determination from NHESP.)

Identify location of supporting information or comments:

N/A. See Appendix J.

section and/or page numbers

Instructions: If the Natural Heritage and Endangered Species Program has determined there will not be an adverse impact, do not answer question III.C.5. If NHESP determined there is a potential for an adverse impact, respond to question III.C.5.

5. Mitigation of Adverse Impacts: If there is a determination by the Natural Heritage and Endangered Species Program that the proposed facility may potentially impact the habitat of a state-listed Endangered, Threatened or Special Concern animal or plant, Ecologically Significant Natural Community, or Wildlife Management Area, are there any reasonable mitigation measures the proponent may use to minimize or eliminate any adverse impacts?

☐ Yes ☐ No

If "no," then the site is unsuitable and the proposed facility shall not be sited.

If "yes," then with regard to this criterion the site may be assigned with conditions which will meet Division of Fisheries and Wildlife approval for mitigation of the adverse impacts. The mitigation measures proposed shall be appended to this application.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

C. Wildlife and Wildlife Habitat {16.40(4)(c)} (cont.)

Identify location of supporting information or comments:

N/A. See Appendix J.
section and/or page numbers

D. Areas of Critical Environmental Concern {16.40(4)(d)}

Programs for designating and protecting Areas of Critical Environmental Concern (ACEC) are administered by the Executive Office of Environmental Affairs (EOEA). EOEA should be contacted to obtain the information and documentation needed to respond to the questions in section III.D. Responses by EOEA should be appended to this application.

A specific response from EOEA is not required when EOEA's data show the site is not located near any ACEC.

1. Site Within ACEC: Is the proposed site located within the boundaries of an area designated as an Area of Critical Environmental Concern by the Secretary of EOEA?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix E and Appendix K.
section and/or page numbers

If the answer to question III.D.1. is "yes, the site is not suitable.

2. Site Adjacent to ACEC: Is the proposed site adjacent to an ACEC with the potential to impact the resources designated by the Secretary of EOEA as worthy of protection? (As defined in 16.02, "adjacent" may include areas not contiguous to the boundaries of the site.)

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix K.
section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

D. Areas of Critical Environmental Concern {16.40(4)(d)} (cont.)

3. Mitigation Measures: If there is a determination by EOEa that the proposed facility may potentially adversely impact the ACEC, are there any reasonable mitigation measures the proponent may use to minimize or eliminate any adverse impacts?

☐ Yes ☐ No

If "no," the site is not suitable.

If "yes," then with regard to this criterion the site may be assigned with conditions which will meet EOEa approval for mitigation of the adverse impacts. The mitigation measures proposed shall be appended to this application.

Identify location of supporting information or comments:

See Appendix K. N/A. The Site is not located in or near an ACEC.
section and/or page numbers

E. Protection of Open Space {6.40(4)(e)}

1. State Forests: Will the proposed solid waste management facility have an adverse impact on the physical environment of, or on the use and enjoyment of state forests?

☐ Yes ☐ No

Identify location of supporting information or comments:

See Appendix L. Douglas State Forest is the closest state forest to the Site located approximately 7 miles east of the Site.
section and/or page numbers

2. State or Municipal Lands: Will the proposed solid waste management facility have an adverse impact on the physical environment of, or on the use and enjoyment of state or municipal parklands or conservation land, or other open space held for natural resource purposes in accordance with Article 97 of the Massachusetts Constitution?

☐ Yes ☒ No

Identify location of supporting information or comments:

See Appendix L. No state or municipal parklands or conservation land or other open spaces exists within the vicinity of the Site.
section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

E. Protection of Open Space {6.40(4)(e)} (cont.)

3. MDC Reservation: Will the proposed solid waste management facility have an adverse impact on the physical environment of, or on the use and enjoyment of MDC reservations?

☐ Yes ☒ No

Identify location of supporting information or comments:

There are no MDC reservations at or proximal to the Site.

section and/or page numbers

4. Lands Protected by EOEA Restrictions: Will the proposed solid waste management facility have an adverse impact on the physical environment of, or on the use and enjoyment of lands with conservation, preservation, agricultural, or watershed protection restrictions approved by the Secretary of the Executive Office of Environmental Affairs?

☐ Yes ☒ No

Identify location of supporting information or comments:

There are no lands protected by EOEA Restrictions at or proximal to the Site.

section and/or page numbers

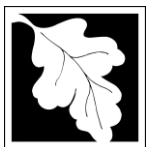
5. Privately Owned Public Conservation Land: Will the proposed solid waste management facility have an adverse impact on the physical environment of, or on the use and enjoyment of conservation land owned by private non-profit land conservation organizations and open to the public?

☐ Yes ☒ No

Identify location of supporting information or comments:

No conservation land exists within the vicinity of the Site.

section and/or page numbers



F. Air Quality Impacts {16.40(4)(f)}

Instructions: If the proposed facility is a combustion facility, complete only section III.f.1. If the proposed facility is **not** a combustion facility, complete only section III.f.2.

1. Air Quality Impacts: Combustion Facilities

The Applicant shall, pursuant to the Air Pollution Control regulations, 310 CMR 7.02, submit a complete application to the Department for its review. The application shall be submitted on forms furnished by the Bureau of Waste Prevention. A copy of the permit application shall be appended to this application.

In addition to the Air Quality Control application, the Applicant shall provide information on any populations within the area impacted by emissions from the facility which might be sensitive to the projected emissions from the facility. Information should include relevant health statistics for the impacted population.

Identify location of supporting information or comments:

section and/or page numbers

2. Air Quality Impacts: Non-Combustion Facilities

- a) Characterize the possible airborne emissions from the proposed facility. Include the composition and quantity of possible emissions. Indicate how these emissions are expected to vary over the life of the facility. Also characterize any other air emissions associated with the proposed facility such as emissions from vehicles.
- b) Demonstrate that the anticipated emissions from the facility will meet required state and federal air quality standards and criteria and otherwise will not constitute a danger to the public health, safety or the environment. Take into account the concentration and dispersion of emissions, the number and proximity of sensitive receptors and the attainment status of the area.

Identify location of supporting information or comments:

See Appendix M.

section and/or page numbers



G. Nuisance Conditions {16.40(4)(g)}

For each of the following nuisance conditions that could occur during the construction and/or operation of the proposed facility, indicate the extent of the possible nuisance conditions and the measures that will be taken to mitigate or prevent the occurrence of the nuisance condition:

- Noise,
- Dust,
- Litter;
- Vectors such as rodents and insects,
- Odors,
- Bird hazards to air traffic, and
- Other nuisance conditions (please specify).

Identify location of supporting information or comments:

See Appendix N.

section and/or page numbers

H. Size of Facility {16.40(4)(h)}

Explanation: The information requested in this section is needed to determine whether the size of the site, considering access roads, areas for vehicles to wait before unloading, unloading facilities, storage areas, waste processing areas and pollution control equipment, is adequate for a facility with the proposed daily capacity.

1. Discussion: Discuss the waste delivery, unloading, and handling (including processing and storage) activities and pollution control equipment to demonstrate whether the size of the site is adequate to properly manage the proposed facility. Be specific with respect to the proposed capacity of the facility.

Identify the location of supporting information or comments:

See Appendix O

section and/or page numbers

2. 100 Foot Set Back: Will the waste handling area or deposition area be less than 100 feet from any property boundary except where the property boundary borders a separate solid waste management facility?

☐ Yes ☒ No



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

H. Size of Facility {16.40(4)(h)} (cont.)

Identify location of supporting information or comments:

The transfer facility will be no less than 100 feet from any non-industrial zoned property boundary.
section and/or page numbers

I. Areas Previously Used for Solid Waste Disposal {16.40(4)(i)}

1. Previous Solid Waste Activities: Have the proposed site or any of the abutting properties been previously used for the legal or illegal disposal of solid wastes?

☐ Yes ☒ No

Identify location of supporting information or comments:

Based on Loureiro's knowledge, the proposed Site or any of the abutting properties have not been previously used for the legal or illegal disposal of solid waste.
section and/or page numbers

If "yes," please supply the following information and append to this application:

- a) Address: The address of the area previously used for the disposal of solid waste,
- b) Owner: The owner and the address of the owner of the area previously used for the disposal of solid waste,
- c) Dimensions: The dimensions of the area previously used for the disposal of solid waste,
- d) Status: Current status of the area previously used for the disposal of solid waste (e.g., active, inactive),
- e) Impacts on Site: The nature and extent to which the area previously used for the disposal of solid waste currently impacts or threatens to impact the proposed site,
- f) Impacts of Site: The nature and extent to which the proposed site may impact the area previously used for the disposal of solid waste,
- g) Combined Impacts: The nature and extent of any combined impacts from the area previously used for the disposal of solid waste and the proposed facility to public health, safety or the environment (Include factors such as ground water contamination and surface water runoff.),
- h) Mitigation: The extent to which use of the proposed site would result in mitigation of existing or potential impacts from the previously used site through remediation, closure or other activities.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

I. Areas Previously Used for Solid Waste Disposal {16.40(4)(i)} (cont.)

Identify location of supporting information or comments:

section and/or page numbers

J. Existing Disposal Facilities {16.40(4)(j)}

1. Existing Disposal Facilities in Municipality: Are there any existing (active or inactive) disposal facilities (solid waste landfills or combustion facilities) in the municipality in which the proposed site is located?

☒ Yes ☐ No

Identify the location of supporting information or comments:

See Appendix E. A closed and capped landfill, Webster Landfill, and transfer facility exist in Webster to the east of the Site.

section and/or page numbers

2. Exclusive Use of Facility: Will the proposed facility be limited to the exclusive use of the municipality in which the proposed facility is to be sited?

☐ Yes ☒ No

Identify the location of supporting information or comments:

section and/or page numbers

Instructions: If the answer to III.J.1. is "yes" and the answer to III.J.2. is "no," please provide the information requested in III.J.3. Otherwise, go on to question III.K.

3. Existing Facility Identification: Provide the following information about the existing disposal facility or facilities in the municipality in which the proposed site is located:
- Existing facility identification (name, address, type of facility):
 - How much of the waste (tons/day) accepted at the proposed facility will be generated in the municipality in which the facility is located?
 - What percentage of the waste accepted at the proposed facility will come from the municipality in which the site is located?



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

J. Existing Disposal Facilities {16.40(4)(j)} (cont.)

- d) Discuss to what extent the proposed facility meets the needs of the region in which the site is located.
- e) Explain to what extent the proposed facility incorporates recycling, composting and waste diversion. (Refer to other responses, if appropriate.)

Identify the location where the information is attached:

See Appendix P.

section and/or page numbers

K. Other Sources of Contamination or Pollution {16.40(4)(k)}

Attach an evaluation of whether the projected impacts of the proposed facility pose a threat to public health, safety or the environment, taking into consideration the impacts of existing sources of pollution or contamination as defined by the Department, and whether the proposed facility will mitigate or reduce those sources of pollution or contamination.

The Department has prepared a guidance document that describes how to make this evaluation. The document is titled, *Interim Risk-Evaluation Guidance Document for Solid Waste Site Assignment and Permitting in Support of 310 CMR 16.00 and 19.000* (initially published June 8, 2001, and most recently revised on March 22, 2006). This guidance document, including its title, will be revised from time to time. Please contact the Department or visit the Department's web site to obtain the most recent version of the guidance document.

The applicant should contact the Department to discuss the scope of work prior to undertaking the evaluation.

Identify the location of the attached evaluation:

See Appendix Q.

section and/or page numbers



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

L. Regional Participation

1. Municipal Participation in Regional Disposal: Does the municipality in which the proposed site is located now participate in a regional disposal facility?

☐ Yes ☐ No

Identify location of supporting information or comments:

N/A

section and/or page numbers

Instructions: If the answer to question III.L.1. is "Yes," supply the information requested in question III.L.2. Otherwise, go on to part IV.

2. Proposed Facility: Provide the following information about the proposed facility:
- a) How much of the waste (tons/day) accepted at the proposed facility will be generated in the municipality in which the facility is located?
 - b) What percentage of the waste accepted at the proposed facility will come from the municipality in which the site is located?
 - c) Discuss to what extent the proposed facility meets the needs of the region in which the site is located.
 - d) Explain to what extent the proposed facility incorporates recycling, composting and waste diversion. (Reference other responses, if appropriate.)

Identify the location of the information or comments:

N/A

section and/or page numbers



Section IV. Integrated Solid Waste Management {16.40(5)}

Instructions: Complete Part IV only if site assignment is sought for a **Landfill** or **Combustion** facility.

It is likely that the information requested in Part IV will have been included in the EIR submitted to complete the MEPA process. If this is the case, the applicant should attach the relevant sections from the EIR that was accepted by the Secretary of EOEA. If all the information requested below is not included in the EIR attach additional information.

In order to complete this section, the Applicant will need information on the Commonwealth's goals for recycling and composting and for establishing a statewide integrated solid waste management (ISWM) system. This information is contained in the Commonwealth's Solid Waste Master Plan which is available on the DEP's web site or by calling the DEP. The Master Plan is periodically revised and may be updated by issuing annual Status Reports, so it is important to make sure you have the current version before completing this application.

A. Capacity Need {16.40(5)(a)1.}

Demonstrate the need for the capacity that will be provided by the proposed facility. For each year of the expected life of the proposed facility identify the sources (residential, commercial, industrial) of the solid waste that will supply the amount of waste equal to the proposed capacity. Please be as specific as possible in identifying "sources." Include the municipalities in which the waste will be generated and the type of waste (demolition/construction, wood waste, sludge, ash, special wastes, commercial wastes, household wastes, etc.).

Show how the capacity that will be provided by the proposed facility will contribute to providing the capacity needed by the Commonwealth as identified in the most recent Solid Waste Master Plan and/or most recent annual Status Report.

B. Waste Diversion {16.40(5)(a)2.}

Explain how the proposed facility will maximize the diversion of recyclable and compostable materials from the waste prior to combustion or landfilling. Include a discussion of how the proposed facility will coordinate with other facilities or programs to maximize the diversion.

C. Contribution to ISWM {16.40(5)(a)3.}

How will the proposed facility contribute to the establishment and maintenance of a statewide system for integrated solid waste management? Include a discussion of how the proposed facility will complement the other facilities in the service area.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

D. Recycling and Composting {16.40(5)(b)}

Explain to what extent the proposed facility itself incorporates recycling and composting and explain how the proposed facility will be integrated into the recycling and composting activities in the service area.

Identify the location of the information requested in Part IV:

section and/or page numbers



Section V. Waivers

A. Site Suitability Criteria Waiver {16.40(6)}

The Site Suitability Criteria Waiver Application should be completed only if the applicant is seeking a waiver from one or more of the Site Suitability Criteria set forth in the Site Assignment Regulations, 310 CMR 16.40(3) or the setback distance at 310 CMR 16.40(4)(h). (The intention to seek a waiver must be noted in Part I of the Site Assignment Application Form.)

Note: As required by 310 CMR 16.08(5)(c), an application for a waiver must be accompanied by all data and documentation necessary to support the waiver request.

☐ Check here if a waiver from the Site Suitability Criteria is requested.

Identify the location of the information requested in V.A.1 through V.A.9:

section and/or page numbers

1. Criteria: Identify the Site Suitability Criteria in 310 CMR 16.40(3) or 310 CMR 16.40(4)(h) from which a waiver is sought and for each explain the nature of the waiver being requested.
2. Hardship: State the nature of the hardship which would result if a waiver were not granted.
3. Interest Served: State the community, regional or state public interest that would be served by granting the waiver.
4. Maintain Protection: Explain why granting the waiver will not result in less protection of the public health and safety and the environment than would exist in the absence of the waiver.
5. Alternative Site: Explain why the proposed facility cannot be located at another site in the affected municipality or region at which a waiver would not be needed.
6. Preferred Municipality: Is the proposed site located in a preferred municipality as defined in MGL c.111, s. 150A1/2? (A "preferred Municipality" is a municipality that does not have existing disposal facilities and is not part of a regional waste disposal district.)
7. Environmental Benefit: Will granting the waiver result in any environmental benefits in excess of those benefits achievable in the absence of a waiver? Explain.
8. Integrated Solid Waste Management: Explain how the proposed facility contributes to integrated solid waste management.
9. Waiver Needed for Project Goals: Explain why the solid waste management objectives of the proposed project could not be achieved in the absence of the waiver.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

**BWP SW 01 Site Suitability Report for a New Site
Assignment**

Transmittal Number

**BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment**

Facility ID# (if known)

B. Waiver from Application Process {16.18}

This waiver application should be completed only if the applicant is seeking a waiver from one or more of the provisions of Part I (310 CMR 16.01-16.19) of the Site Assignment Regulations that deals with the application process. (The intention to seek a waiver must be noted in Part I of the application form .)

Note: As required by 310 CMR 16.08(5)(c), an application for a waiver must be accompanied by all data and documentation necessary to support the waiver request.

☐ Check here if a waiver from the Application Process is requested.

Identify the location of the information requested in V.B.1 through V.B.4.

1. Regulatory Provision: Identify the provision of the regulations from which a waiver is being requested and explain the specific nature of the request.
2. Interest Served: State the community, regional or state public interest that would be served by granting the waiver.
3. Interference with Suitability Evaluation: State why the granting of the waiver would not interfere with the ability of the Board of Health to evaluate the Suitability of the proposed site.
4. Public Review and Comment: State why granting the waiver would not diminish the ability of the general public to review and comment on the proposed project.



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Solid Waste Management

BWP SW 01 Site Suitability Report for a New Site
Assignment

Transmittal Number

BWP SW 38 Site Suitability for a Major Modification
of an Existing Site Assignment

Facility ID# (if known)

VI. Signatures and Certification {16.08(5)(e)}

A. Land Owner's Signature

Where the applicant is not the owner of the legal title to the land described as the "site" in this application, the owner or other person with control of the site pursuant to an order of a court of competent jurisdiction shall sign the application here:

John Jay Kunkel
Owner's Signature
Date 1/27/20

B. Applicant's Signature and Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties both civil and criminal for submitting false information including possible fines and imprisonment.

Timothy Ryan
Applicant's Signature

Date 02-03-2020
Agent's Signature

Sam W. Baker
Date

Agent's Signature
Date: 02/12/2020

APPENDIX A



February 7, 2020

Webster Board of Health

350 Main Street
Webster, MA 01570

Attn: Board of Health

RE: United Medical Waste Revised Site Suitability Application

Dear Members of the Webster Board of Health,

United Medical Waste is applying to update its Site Suitability Assignment for a new medical waste transfer facility with the Massachusetts Department of Environmental Protection (MassDEP). As you are aware, MassDEP and the Board approved the original Site Suitability Application for the property located at an existing industrial zoned property at 56 Worcester Road in Webster. United Medical Waste is seeking to expand the Site Suitability Assignment to a portion of the adjacent property, 64 Worcester Road, Webster. The activities at the proposed location will consist of moving packaged biomedical waste from a van to a larger truck before the waste is then moved off Site. The process will take place in a limited, covered area on a concrete loading dock over asphalt pavement. The Site will have no effect on surrounding cultural and environmental receptors due to the location of and activities at the facility.

Attached is the Technical Fee in the amount of \$3980, required as part of the application. This fee is intended to offset the costs associated with your review of this application. We respectfully request that this check be placed in escrow until such time as the MassDEP has completed its review.

We are happy to discuss our project with you and answer any questions you may have relative to the project and prior to our submittal of the application if that is appropriate and helpful to the Board. Thank you for your time and consideration.

Sincerely,

LOUREIRO ENGINEERING ASSOCIATES, INC.

Linnea Johnson

Linnea E. Johnson
Senior Scientist

Samuel W. Butcher
Vice President

Loureiro Engineering Associates, Inc.

800 Hingham St., Suite 202S • Rockland, MA 02370 • 781.878.1272 • Fax 781.871.0991 • www.Loureiro.com

An Employee-Owned Company

4318

UNITED MEDICAL WASTE MANAGEMENT INC.

20 OAKHURST ROAD
SUTTON, MA 01590



51-7031/2111

DATE 2-5-20

PAY
TO THE
ORDER OF

town of Webster

\$ 3980.00

three thousand nine hundred eighty - ~~no~~

DOLLARS

unitedbank

FOR

Site Assignment Runkle

Kathleen Ryan



⑈004318⑈ ⑆211170318⑆

780034460⑈

APPENDIX B

Appendix B

Section I. F.

Evidence the project does not require a MEPA Review:

Table 1: Checklist of MEPA Regulations 301 CMR 11.00 Review Thresholds

Yes/No	MEPA Review Thresholds
	1. Land
	a. ENF Mandatory EIR.
No	1. Direct alteration of 50 or more acres of land, unless the Project is consistent with an approved conservation farm plan or forest cutting plan or other similar generally accepted agricultural or forestry practices.
No	2. Creation of ten or more acres of impervious area.
	b. ENF and Other MEPA Review if the Secretary So Requires.
No	1. Direct alteration of 25 or more acres of land, unless the Project is consistent with an approved conservation farm plan or forest cutting plan or other similar generally accepted agricultural or forestry practices.
No	2. Creation of five or more acres of impervious area.
No	3. Conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97.
No	4. Conversion of land in active agricultural use to nonagricultural use, provided the land includes soils classified as prime, state-important or unique by the United States Department of Agriculture, unless the Project is accessory to active agricultural use or consists solely of one single family dwelling.
No	5. Release of an interest in land held for conservation, preservation or agricultural or watershed preservation purposes.
No	6. Approval in accordance with M.G.I.c. 121A of a New urban redevelopment project or a fundamental change in an approved urban redevelopment project, provided that the Project consists of 100 or more dwelling units or 50,000 or more sf of non-residential space.
No	7. Approval in accordance with M.G.I.c 121B of a New urban renewal plan or major modification of an existing urban renewal plan.
	2. State-listed Species under M.G.I.c. 131A (Massachusetts Endangered Species Act)
	a. ENF and Madatory EIR. (None)
	b. ENF and Other MEPA Review if the Secretary So Requires.
No	1. Alteration of designated significant habitat.
No	2. Greater than two acres of disturbance of designated priority habitat, as defined in 321 CMR 10.02, that results in a take of a state-listed endangered or threatened species or species of special concern.
	3. Wetlands, Waterways and Tidelands
	a. ENF and Mandatory EIR.
	1. Provided that a Permit is required:
No	a. alteration of one or more acres of salt marsh or bordering vegetation wetlands; or

- No b. alteration of ten or more acres of any other wetlands.
- No 2. Alteration requiring a variance in accordance with the Wetlands Protection Act.
- No 3. Construction of a New dam.
- No 4. Structural alteration of an existing dam that causes an expansion of 20% or any decrease in impoundment Capacity.
- No 5. Provided that a Chapter 91, License is required, New non-water dependent use or Expansion of an existing non-water dependent structure, provided the use or structure occupies on or more acres of waterways or tidelands.
- b. ENF and Other MEPA Review if the Secretary So Requires.
1. Provided that a Permit is required:
- No a. alteration of coastal dune, barrier beach or coastal bank;
- No b. alteration of 500 or more linear feet of bank along a fish run or inland bank;
- No c. alteration of 1,000 or more sf of salt marsh or outstanding resource waters;
- No d. alteration of 5,000 or more sf of bordering or isolated vegetated wetlands;
- No e. New fill or structure or Expansion of existing fill or structure, except a pile-supported structure, in a velocity zone or regulatory floodway; or
- No f. alteration of ½ or more acres of any other wetlands.
- No 2. Construction of a New roadway or bridge providing access to a barrier beach or a utility line providing service to a structure on a barrier beach.
- New 3. Dredging of 10,000 or more cy of material
- No 4. Disposal of 10,000 or more cy of dredged material, unless at a designated in-water disposal site.
- No 5. Provided that a Chapter 91 License is required, New or existing unlicensed non-water dependent use of waterways or tidelands, unless the Project is an overhead utility line, a structure of 1,000 or less sf base area accessory to a single family dwelling, a temporary use in a designated port area, or an existing unlicensed structure in use prior to January 1, 1984.
- No 6. Construction, reconstruction or Expansion of an existing solid fill structure of 1,000 or more sf base area or of a pile-supported or bottom-anchored structure of 2,000 or more sf base area, except a seasonal, pile-held or bottom-anchored float, provided the structure occupies flowed tidelands or other waterways.
4. Water
- a. ENF and Mandatory EIR.
1. New withdrawal or Expansion in withdrawal of :
- No a. 2,500,000 or more gpd from a surface water source; or
- No b. 1,5,00,000 or more gpd from a groundwater source.
- No 2. New interbasin transfer of water of 1,000,000 or more gpd or any amount determined significant by the Water Resources Commission.
- No 3. Construction of one or more New water mains ten or more miles in length.
- No 4. Provided that the Project is undertaken by an Agency, New water service to a municipality or water district across a municipal boundary through New or existing pipelines, unless a disruption of service emergency is declared in accordance with applicable statutes and regulations
- b. ENF and Other MEPA Review if the Secretary So Requires.
- No 1. New withdrawal or Expansion in withdrawal of 1000,000 or more gpd from a water source that requires New construction for the withdrawal.
- No 2. New withdrawal or Expansion in withdrawal of 500,000 or more gpd from a water supply system above the lesser of current system-wide authorized withdrawal volume or three-years average system-wide actual withdrawal volume.

- No 3. Construction of one or more New water mains five or more miles in length.
- No 4. Construction of a New drinking water treatment plan with a Capacity of 1,000,000
or more gpd.
- No 5. Expansion of an existing drinking water treatment plant by the greater of 1,000,000
or more gpd or 10% of existing Capacity.
- No 6. Alteration requiring a variance in accordance with the Watershed Protection Act,
unless the Project consists solely of one single family dwelling.
- No 7. Non-bridged stream crossing 1,000 or less feet upstream of a public surface drinking
water supply for purpose of forest harvesting activities.
5. Wastewater
- a. ENF and Mandatory EIR.
- No 1. Construction of a New wastewater treatment and/or disposal facility with a Capacity
of 2,500,000 or more gpd.
- No 2. New interbasin transfer of wastewater of 1,000,000 or more gpd or any amount
determined significant by the Water Resource Commission.
- No 3. Construction of one or more New sewer mains ten or more miles in length.
- No 4. Provided that the Project is undertaken by an Agency, New sewer service to a
municipality or sewer district across a municipal boundary through New or existing
pipelines, unless an emergency is declared in accordance with applicable statutes
and regulations.
- No 5. New Discharge or Expansion in discharge of any amount of sewage, industrial waste
water or untreated stormwater directly to an outstanding resource water.
- No 6. New Capacity or Expansion in Capacity for storage, treatment, processing,
combustion or disposal of 150 or more wet tpd of sewage sludge, sludge ash, grit,
screenings, or other sewage sludge residual materials, unless the Project is an Expansion
of an existing facility within an area that has already been sited for the proposed use in
accordance with M.G.L.c. 21 or M.G.L.c. 83 § 6.
- b. ENF and Other MEPA Review if the Secretary So Requires.
- No 1. Construction of a New wastewater treatment and/or disposal facility with a Capacity
of 100,000 or more gpd.
- No 2. Expansion of an existing wastewater treatment and/or disposal facility by the greater
of 100,000 gpd or 10% of existing Capacity.
- No 3. Construction of one or more New sewer mains:
- No a. that will result in an Expansion in the flow to a wastewater treatment and/or
disposal facility by 10% of existing Capacity;
- No b. five or miles in length; or
- No c. ½ or more miles in length, provided the sewer mains are not located in the right of
way of existing roadways.
- No 4. New discharge or Expansion in discharge:
- No a. to a sewer system of 100,000 or more gpd of sewage, industrial waste water or
untreated stormwater;
- No b. to a surface water of:
- No i. 100,000 or more gpd of sewage;
- No ii. 20,000 or more gpd of industrial waste water; or
- No iii. any amount of sewage, industrial waste water or untreated stormwater
requiring a variance from applicable water quality regulations; or
- No c. to groundwater of:
- No i. 10,000 or more gpd of sewage within an area, zone or district established,
delineated or identified as necessary or appropriate to protect a public drinking
water supply, an area established to protect a nitrogen sensitive embayment, an area

- within 200 feet of a tributary to a public surface drinking water supply, or an area within 400 feet of public surface drinking water supply;
- No ii. 50,000 or more gpd of sewage within any other area;
- No iii. 20,000 or more gpd of industrial waste water; or
- No iv. any amount of sewage, industrial waste water or untreated stormwater requiring approval by the Department of Environmental Protection of a variance from Title 5 of the State Environmental Code for New construction.
- No 5. New Capacity or Expansion in Capacity for:
- No a. combustion or disposal of any amount of sewage sludge, sludge ash, grit, screenings, or other sewage sludge residual materials; or
- No b. storage, treatment, or processing of 50 or more wet tpd of sewage sludge or sewage sludge residual materials.
6. Transportation
- a. ENF and Mandatory EIR
1. Unless the project consists solely of an internal or on-site roadway or is located entirely on the site of a non-roadway project:
- No a. construction of a New roadway two or more miles in length; or
- No b. widening of an existing roadway by one or more travel lanes for two or more miles.
- No 2. New interchange on a completed limited access highway.
- No 3. Construction of a New airport.
- No 4. Construction of a New runway or terminal at an existing airport.
- No 5. Construction of a New rail or rapid transit line along a New, unused or abandoned right-of-way for transportation of passengers or freight (not including sidings, spurs or other lines not leading to an ultimate destination).
- No 6. Generation of 3,000 or more New adt on roadways providing access to a single location.
- No 7. Construction of 1,000 or more New parking spaces at a single location.
- b. ENF and Other MEPA Review if the Secretary So Requires.
1. Unless the Project consists solely of an internal or on-site roadway or is located entirely on the site of a non-roadway project:
- No a. construction of a New roadway ¼ or more miles in length; or
- No b. widening of an existing roadway by four or more feet for one-half or more miles.
- No 2. Construction, widening or maintenance of a roadway or its right-of-way that will:
- No a. alter the bank or terrain located ten or more feet from the existing roadway for one-half or more miles, unless necessary to install a structure or equipment;
- No b. cut five or more living public shade trees of 14 or more inches in diameter at breast height; or
- No c. eliminate 300 or more feet of stone wall.
- No 3. Expansion of an existing runway at an airport.
- No 4. Construction of a New taxiway at an airport.
- No 5. Expansion of an existing taxiway at Logan Airport.
- No 6. Expansion of an existing terminal at Logan Airport by 100,000 or more sf.
- No 7. Expansion of an existing terminal at any other airport by 25,000 or more sf.
- No 8. Construction of New or Expansion of existing air cargo buildings at an airport by 100,000 or more sf.
- No 9. Conversion of a military airport to a non-military airport.

- No 10. Construction of a New rail or rapid transit line for transportation of passengers or freight.
- No 11. Discontinuation of passenger or freight service along a rail or rapid transit line.
- No 12. Abandonment of a substantially intact rail or rapid transit right-of-way.
- No 13. Generation of 2,000 or more New adt on roadways providing access to a single location.
- No 14. Generation of 1,000 or more New adt on roadways providing access to a single location and construction of 150 or more New parking spaces at a single location.
- No 15. Construction of 300 or more New parking spaces at a single location.

7. Energy

a. ENF and Mandatory EIR.

- No 1. Construction of a New electric generating facility with a Capacity of 100 or more MW.
- No 2. Expansion of an existing electric generating facility by 100 or more MW.
- No 3. Construction of a New fuel pipeline ten or more miles in length.
- No 4. Construction of electric transmission lines with a Capacity of 230 or more kv, provided the transmission lines are five or more miles in length along New, unused or abandoned right of way.

b. ENF and Other MEPA Review if the Secretary So Requires

- No 1. Construction of a New electric generating facility with a Capacity of 25 or more MW.
- No 2. Expansion of an existing electric generating facility by 25 or more MW.
- No 3. Construction of a New fuel pipeline five or more miles in length.
- No 4. Construction of electric transmission lines with a Capacity of 69 or more kv, provided the transmission lines are one or more miles in length along New, unused or abandoned right of way.

8. Air

a. ENF and Mandatory EIR

- No 1. construction of a New Stationary Source with federal potential emissions, after construction and the imposition of required controls, of: 250 tpy of any criteria air pollutant; 40 tpy of any HAP; 100 tpy of any combination of HAPs; or 100,000 tpy of GHGs based on CO₂ Equivalent.
- No 2. Modification of an existing Stationary Source with federal potential emissions that collectively will result, after construction and the imposition of required controls, of 75,000 tpy of GHGs based on CO₂ Equivalent.

b. ENF and Other MEPA Review if the Secretary So Requires

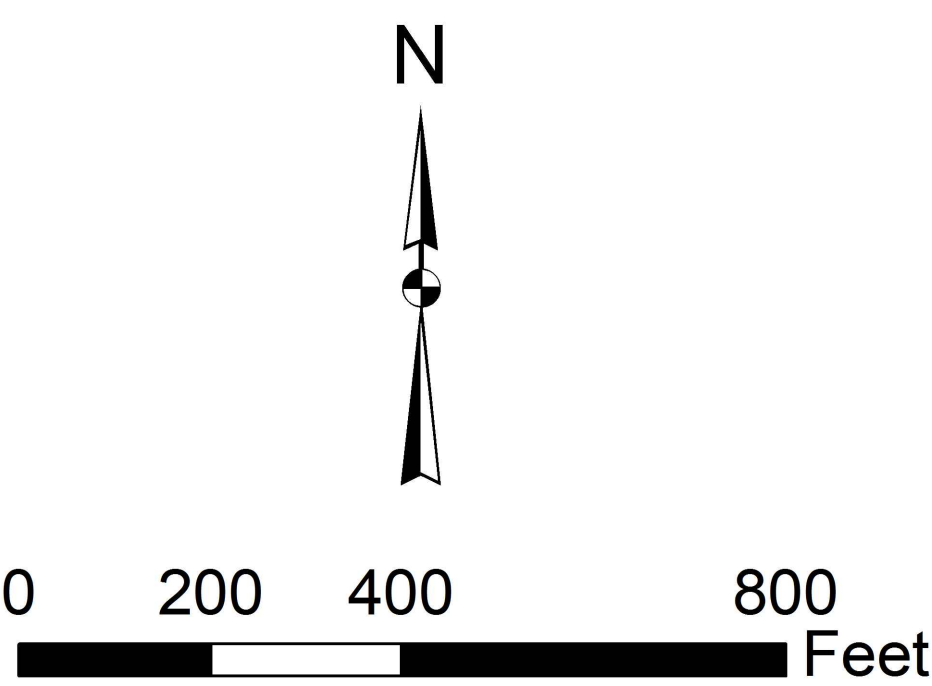
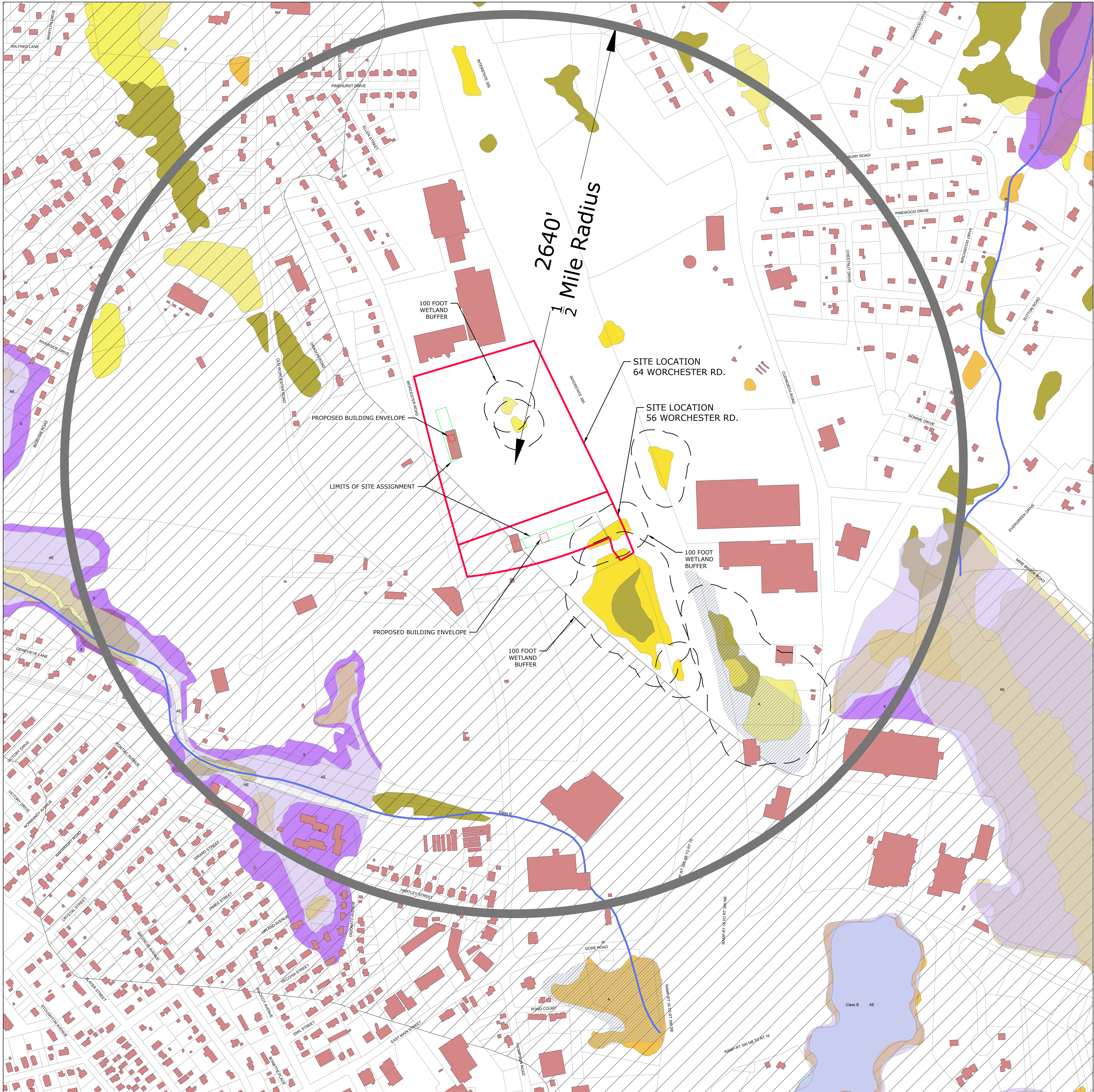
- No 1. Construction of a New Stationary Source with federal potential emissions, after construction and the imposition of required controls, of: 100 tpy of PM₁₀, PM_{2.5}, CO₂ lead or SO₂; 50 tpy of VOC or NO_x; 10 tpy of any HAP; or 25 tpy of any combination of HAPs.
- No 2. Modification of an existing Stationary Source resulting in a “significant net increase” in actual emissions, provided that the stationary source or facility is major for the pollutant. For purposes of this threshold, a “significant net increase” in actual emissions shall mean an increase in emissions of: 15 tpy of PM₁₀; 10 tpy of PM_{2.5}; 100 tpy of CO; 40 tpy of SO₂; 25 tpy of VOC or NO_x; 0.6 tpy of lead.

9. Solid and Hazardous Waste

- Transfer Station for a. ENF and Mandatory EIR. New Capacity or Expansion in Capacity of 150 or more tpd for storage, treatment, processing, combustion or disposal of solid waste, unless the

- Project is a transfer station, is an Expansion of an existing facility within a validly assigned area for the proposed use, or is exempt from site assignment requirements.
- b. ENF and Other MEPA Review if the Secretary So Requires.
- No 1. New Capacity or Expansion in Capacity for combustion or disposal of any quantity of solid waste, or storage, treatment or processing of 50 or more tpd of solid waste, unless the Project is exempt from site assignment requirements.
- No 2. Provided that a Permit is required in accordance with M.G.L.c. 21D, New Capacity or Expansion in Capacity for the storage, recycling, treatment or disposal of hazardous waste.
10. Historical and Archeological Resources
- a. ENF and Mandatory EIR. None.
- No b. ENF and Other MEPA Review if the Secretary So Requires. Unless the Project is subject to Determination of No Adverse Effect by the Massachusetts Historical Commission or is consistent with a Memorandum of Agreement with the Massachusetts Historical Commission that has been the subject of public notice and comment.
- No 1. demolition of all or any exterior part of any Historic Structure listed in or located in any Historic District listed in the State Register of Historic Places or the Inventory of Historic and Archeological Assets of the Commonwealth; or
- No. 2. destruction of all or any part of any Archaeological Site listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth.
11. Areas of Critical Environmental Concern.
- a. ENF and Mandatory EIR. None.
- No b. ENF and Other MEPA Review if the Secretary So Requires. Any Project within a designated ACEC, unless the Project consists solely of one single family dwelling.
12. Regulations
- a. ENF and Mandatory EIR. None.
- b. ENF and Other MEPA Review if the Secretary So Requires. Promulgation of New or revised regulations, of which a primary purpose is protecting against Damage to the Environment, that significantly reduce:
- No 1. standards for environmental protection;
- No 2. opportunities for public participation in permitting or other review processes; or
- No 3. public access to information generated or provided in accordance with the regulations.

APPENDIX C



- LEGEND**
- Parcel Lines
 - Roof Lines/Structures
 - Class B River
 - Class BWWF River
- FEMA Flood Zones**
- A,
 - AE,
 - AE, FLOODWAY
 - X, 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
 - Zone II Wellhead Protection Area
- Surface Water Lakes**
- Class B
- Wetlands**
- BOG
 - DEEP MARSH
 - OPEN WATER
 - SHALLOW MARSH MEADOW OR FEN
 - SHRUB SWAMP
 - WOODED SWAMP DECIDUOUS
 - WOODED SWAMP MIXED TREES

NOTES:

1. THE FOLLOWING ITEMS ARE NOT FOUND WITHIN THE ONE-HALF MILE RADIUS OF THE SITE:

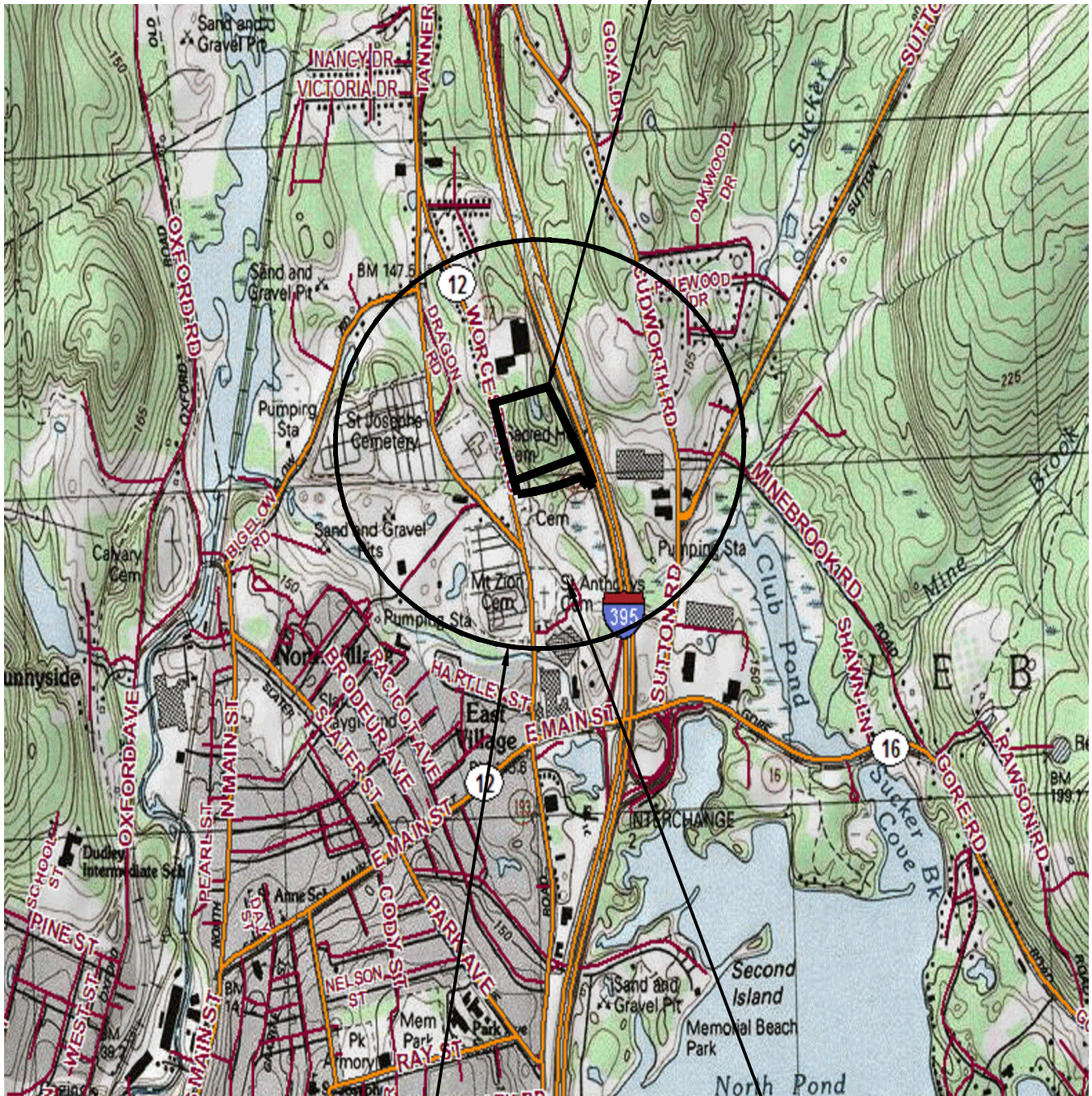
- RIVER FRONT AREAS
- 100-YEAR FLOOD PLAINS
- PRIVATE WATER WELLS
- PUBLIC WATER WELLS

MAP REFERENCE:
Site features obtained from The Massachusetts OnLine Viewer (OLIVER), and MASS GIS Data as produced by the Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, MassIT.

WATER RESOURCES MAP		SHEET NO.		NO. OF SHEETS	
SITE SUITABILITY APPLICATION 56 & 64 WORCHESTER, MA		DRAWING 1			
UNITED MEDICAL WASTE (UMW) TRANSFER FACILITY		DATE 01/08/2016		REV. 2	
88UM5.01		DATE 01/08/2016		REV. 2	
GFB		DATE 01/08/2016		REV. 2	
S.W.B.		DATE 01/08/2016		REV. 2	
Loureiro Engineering Associates, Inc. 1000 Worcester Street, Suite 200 Worcester, MA 01609 Phone: 781-878-1272 • Fax: 781-871-0991 © Loureiro Engineering Associates, Inc. All rights reserved 2015		Loureiro Engineering Associates, Inc. 1000 Worcester Street, Suite 200 Worcester, MA 01609 Phone: 781-878-1272 • Fax: 781-871-0991 © Loureiro Engineering Associates, Inc. All rights reserved 2015		Loureiro Engineering Associates, Inc. 1000 Worcester Street, Suite 200 Worcester, MA 01609 Phone: 781-878-1272 • Fax: 781-871-0991 © Loureiro Engineering Associates, Inc. All rights reserved 2015	

APPENDIX D

**SITE LOCATION
64 WORCHESTER RD.**



$\frac{1}{2}$ Mile Radius

MAP REFERENCE:

SECTION OF THE USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP FOR WEBSTER AND OXFORD, MA. MAP VERSION DATE 1979, MAP CREATED WITH TOPO! © 2006 NATIONAL GEOGRAPHIC & © 2005 TELE ATLAS, NORTH AMERICA, INC., RELEASE 08/2005.

**SITE LOCATION
56 WORCHESTER RD.**

1000 0 1000 2000 3000



APPROXIMATE SCALE IN FEET



Engineering • Construction • EH&S • Energy
Waste • Facility Services • Laboratory

Loureiro Engineering Associates, Inc.
800 Hingham St., Ste. 202 S • Rockland, MA 02370
Phone: 781-878-1272 • Fax: 781-871-0991
An Employee Owned Company • www.Loureiro.com

©Loureiro Engineering Associates, Inc.
All rights reserved 2019

SITE LOCATION MAP

SITE SUITABILITY APPLICATION

56 & 64 WORCHESTER RD, WEBSTER, MA

PREPARED FOR:

UNITED MEDICAL WASTE (UMW) TRANSFER FACILITY

SCALE

1" = 2000'±

COMM. NO.

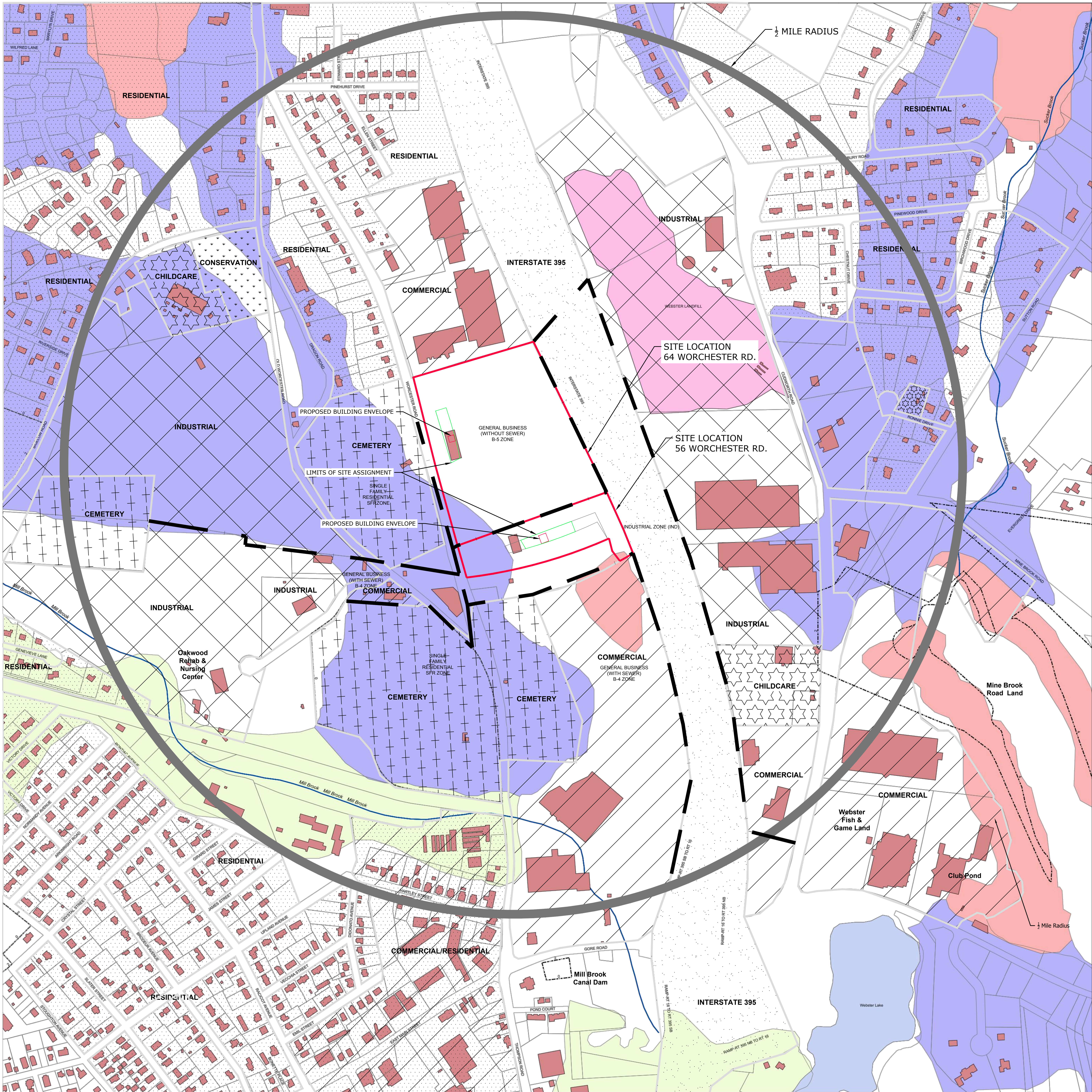
88UM5.01

DATE

12/19/2019

**Figure
1**

APPENDIX E



APPENDIX F

Appendix F

Section II. C. 4.

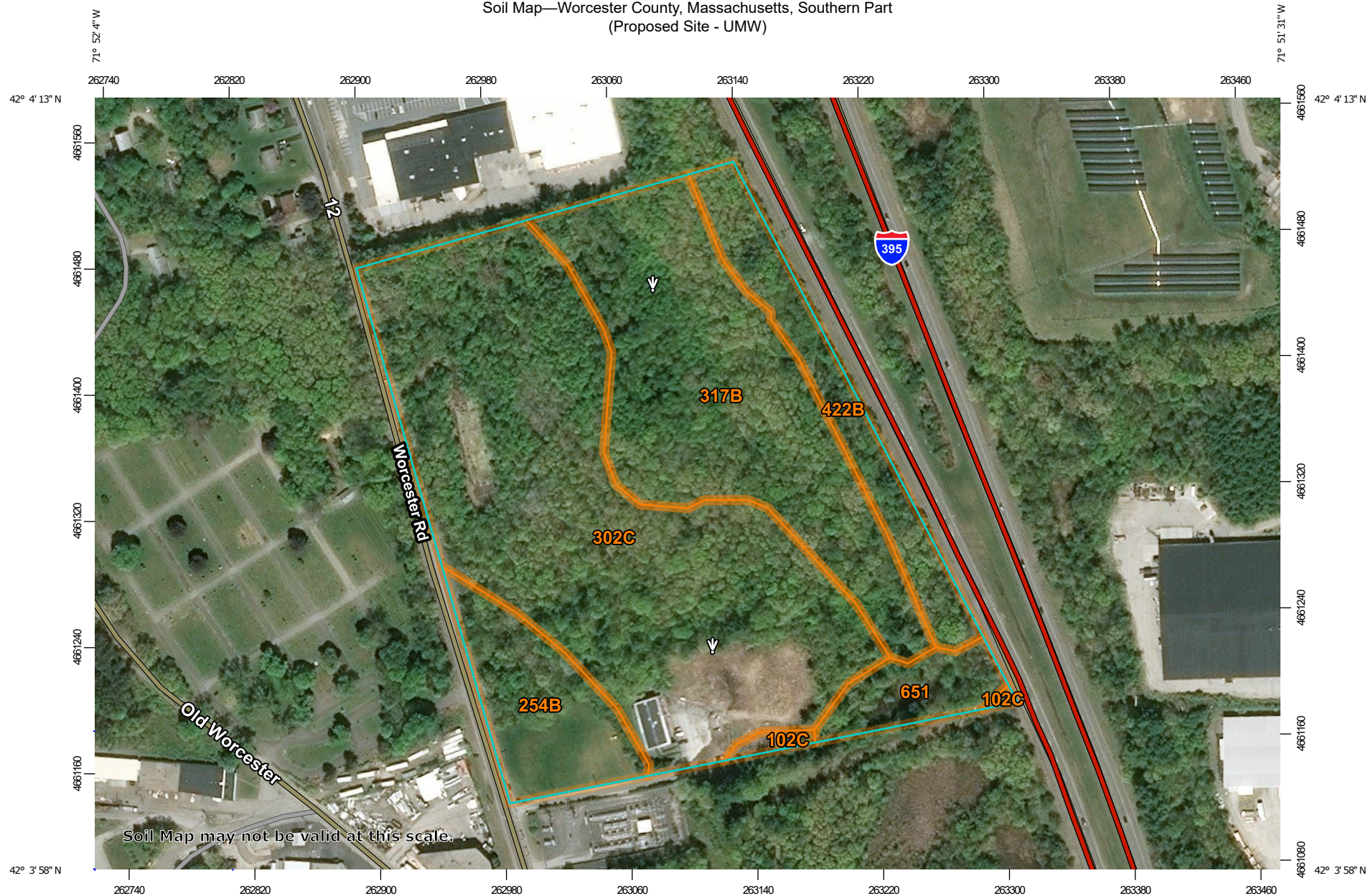
Within 500 feet Upgradient or Otherwise within 250 Feet of an Existing or Potential Private Water Supply Well:

The activities at the proposed biomedical waste transfer facility will consist of moving packaged biomedical waste from one truck to another truck for temporary storage before the waste is then moved off Site. The process will take place in a limited area on a concrete loading dock over asphalt pavement. The paved area is covered so no precipitation will access the area.

In a brief interview with the Town of Webster Board of Health, no existing or potential private water supply wells exist within 500 feet of the Site. As no water source exists nearby the Site, given the nature of the activities occurring at the Site and the measures taken to assure that spillage does not occur, the likelihood of any impact to the groundwater is remote.

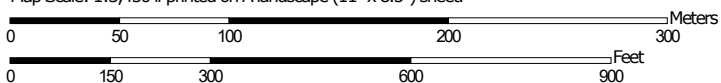
APPENDIX G

Soil Map—Worcester County, Massachusetts, Southern Part
(Proposed Site - UMW)



Soil Map may not be valid at this scale.

Map Scale: 1:3,450 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

12/18/2019
Page 1 of 3

Soil Map—Worcester County, Massachusetts, Southern Part
(Proposed Site - UMW)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Worcester County, Massachusetts, Southern Part

Survey Area Data: Version 12, Sep 12, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 18, 2019—Jul 9, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
102C	Chatfield-Hollis-Rock outcrop complex, 0 to 15 percent slopes	0.2	0.7%
254B	Merrimac fine sandy loam, 3 to 8 percent slopes	2.3	8.7%
302C	Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony	13.1	50.3%
317B	Scituate fine sandy loam, 3 to 8 percent slopes, extremely stony	7.2	27.5%
422B	Canton fine sandy loam, 0 to 8 percent slopes, extremely stony	2.2	8.6%
651	Udorthents, smoothed	1.1	4.1%
Totals for Area of Interest		26.1	100.0%

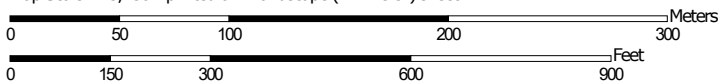
APPENDIX H

Soil Map—Worcester County, Massachusetts, Southern Part
(Proposed Site - UMW)



Soil Map may not be valid at this scale.

Map Scale: 1:3,450 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/18/2019
Page 1 of 3

Soil Map—Worcester County, Massachusetts, Southern Part
(Proposed Site - UMW)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Worcester County, Massachusetts, Southern Part

Survey Area Data: Version 12, Sep 12, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 18, 2019—Jul 9, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
102C	Chatfield-Hollis-Rock outcrop complex, 0 to 15 percent slopes	0.2	0.7%
254B	Merrimac fine sandy loam, 3 to 8 percent slopes	2.3	8.7%
302C	Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony	13.1	50.3%
317B	Scituate fine sandy loam, 3 to 8 percent slopes, extremely stony	7.2	27.5%
422B	Canton fine sandy loam, 0 to 8 percent slopes, extremely stony	2.2	8.6%
651	Udorthents, smoothed	1.1	4.1%
Totals for Area of Interest		26.1	100.0%

Prime and other Important Farmlands

This table lists the map units in the survey area that are considered important farmlands. Important farmlands consist of prime farmland, unique farmland, and farmland of statewide or local importance. This list does not constitute a recommendation for a particular land use.

In an effort to identify the extent and location of important farmlands, the Natural Resources Conservation Service, in cooperation with other interested Federal, State, and local government organizations, has inventoried land that can be used for the production of the Nation's food supply.

Prime farmland is of major importance in meeting the Nation's short- and long-range needs for food and fiber. Because the supply of high-quality farmland is limited, the U.S. Department of Agriculture recognizes that responsible levels of government, as well as individuals, should encourage and facilitate the wise use of our Nation's prime farmland.

Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. The soil quality, growing season, and moisture supply are those needed for the soil to economically produce sustained high yields of crops when proper management, including water management, and acceptable farming methods are applied. In general, prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, an acceptable salt and sodium content, and few or no rocks. The water supply is dependable and of adequate quality. Prime farmland is permeable to water and air. It is not excessively erodible or saturated with water for long periods, and it either is not frequently flooded during the growing season or is protected from flooding. Slope ranges mainly from 0 to 6 percent. More detailed information about the criteria for prime farmland is available at the local office of the Natural Resources Conservation Service.

For some of the soils identified in the table as prime farmland, measures that overcome a hazard or limitation, such as flooding, wetness, and droughtiness, are needed. Onsite evaluation is needed to determine whether or not the hazard or limitation has been overcome by corrective measures.

A recent trend in land use in some areas has been the loss of some prime farmland to industrial and urban uses. The loss of prime farmland to other uses puts pressure on marginal lands, which generally are more erodible, droughty, and less productive and cannot be easily cultivated.

Unique farmland is land other than prime farmland that is used for the production of specific high-value food and fiber crops, such as citrus, tree nuts, olives, cranberries, and other fruits and vegetables. It has the special combination of soil quality, growing season, moisture supply, temperature, humidity, air drainage, elevation, and aspect needed for the soil to economically produce sustainable high yields of these crops when properly managed. The water supply is dependable and of adequate quality. Nearness to markets is an additional consideration. Unique farmland is not based on national criteria. It commonly is in areas where there is a special microclimate, such as the wine country in California.

In some areas, land that does not meet the criteria for prime or unique farmland is considered to be *farmland of statewide importance* for the production of food, feed, fiber, forage, and oilseed crops. The criteria for defining and delineating farmland of statewide importance are determined by the appropriate State agencies.

Generally, this land includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable. Farmland of statewide importance may include tracts of land that have been designated for agriculture by State law.

In some areas that are not identified as having national or statewide importance, land is considered to be *farmland of local importance* for the production of food, feed, fiber, forage, and oilseed crops. This farmland is identified by the appropriate local agencies. Farmland of local importance may include tracts of land that have been designated for agriculture by local ordinance.

Report—Prime and other Important Farmlands

Prime and other Important Farmlands—Worcester County, Massachusetts, Southern Part		
Map Symbol	Map Unit Name	Farmland Classification
52A	Freetown muck, 0 to 1 percent slopes	Farmland of unique importance
102C	Chatfield-Hollis-Rock outcrop complex, 3 to 15 percent slopes	Not prime farmland
254B	Merrimac fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
302C	Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony	Not prime farmland
317B	Scituate fine sandy loam, 3 to 8 percent slopes, extremely stony	Not prime farmland
422B	Canton fine sandy loam, 3 to 8 percent slopes, extremely stony	Not prime farmland
651	Udorthents, smoothed	Not prime farmland

Data Source Information

Soil Survey Area: Worcester County, Massachusetts, Southern Part

Survey Area Data: Version 8, Sep 28, 2015

APPENDIX I

Appendix 9

Section III. B. 2.

ENF/EIR Not Required by MEPA

a. 20

b. Twenty trips with small cargo vans and two trips with eighteen wheel tractor trailers will be made on the one driveway that serves the facility.

c. The proposed facility is on a state highway in an industrial zoned area subject to significant truck traffic. The proposed facility will not significantly contribute to truck traffic volume.

APPENDIX J

From: [Cheeseman, Melany \(FWE\)](#)
To: [Linnea Johnson](#)
Subject: RE: Site Suitability Form Wildlife and Wildlife Habitat Section- Webster, MA Site
Date: Thursday, December 19, 2019 2:27:25 PM

Linnea,

I received your email below regarding the new medical waste transfer facility at 56-64 Worcester Road in Webster, and have determined that this project, as currently proposed, does not occur within Estimated Habitat of Rare Wildlife or Priority Habitat as indicated in the *Massachusetts Natural Heritage Atlas* (14th Edition), released August 1, 2017. Therefore, the project is not required to be reviewed for compliance with the rare wildlife species section of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.37, 10.59 & 10.58(4)(b)) or the MA Endangered Species Act Regulations (321 CMR 10.18). The project is not adjacent to a Wildlife Management Area or an Priority Natural Community.

Let me know if you have any additional questions. Thank you,

Melany Cheeseman

Endangered Species Review Assistant
Natural Heritage & Endangered Species Program
Massachusetts Division of Fisheries & Wildlife
1 Rabbit Hill Road, Westborough, MA 01581
ph: 508.389.6357 | fax: 508.389.7890
melany.cheeseman@mass.gov | www.mass.gov/nhesp

From: Heritage, Natural (FWE)
Sent: Wednesday, December 18, 2019 1:25 PM
To: Cheeseman, Melany (FWE)
Subject: FW: Site Suitability Form Wildlife and Wildlife Habitat Section- Webster, MA Site

From: Linnea Johnson [<mailto:lejohnson@loureiro.com>]
Sent: Wednesday, December 18, 2019 1:02 PM
To: Heritage, Natural (FWE)
Subject: Site Suitability Form Wildlife and Wildlife Habitat Section- Webster, MA Site

Hello,

I am working on a MassDEP Site Suitability report for a potential new medical waste transfer facility project. The site is located at 56-64 Worcester Road, Webster, MA. The MassDEP Site Suitability form requires that the NHESP provide a specific response regarding the proposed site and that the response be attached to the application. We are interested in your responses to the following questions regarding the Site. **Please note** that this project consists of a site extension. A previous Site Suitability report was accepted by MassDEP in 2016 for the 56 Worcester Road portion of the Site. We are extending the Site to include 64 Worcester Road. We received a reply during the previous suitability report indicating that the proposed project does not require review with the NHESP. We want to ensure that the extended Site will also not require further review.

Habitat of Endangered, Threatened, or Special Concern Animal or Plant: Is the proposed site within the habitat of a state-listed Endangered, Threatened or Special concern animal or plant, as documented by the NHESP in its database?

Ecologically Significant Natural Communities: Is the proposed site located in or adjacent to an area described on the most recent map of Ecologically Significant Natural Communities as documented by the Natural Heritage Program in its database?

Wildlife Management Area: Is the proposed site located in an area adjacent to or with the potential to impact upon a Wildlife Management Area designated and managed by the Division of Fisheries and Wildlife?

If the answer to any of the above questions is "yes" then please answer the following questions:

Adverse Impact on Habitat: Will the proposed site have an adverse impact on the habitat of a state-listed Endangered, Threatened, or Special Concern animal or plant, Ecologically Significant Natural Community, or Wildlife Management Area, as determined by the Natural Heritage and Endangered Species Program?

Mitigation of Adverse Impacts: If there is a determination by the NHESP that the proposed facility may potentially impact the habitat of a state-listed Endangered, Threatened, or Special Concern animal or plant, Ecologically Significant Natural Community, or Wildlife Management Area, are there any reasonable mitigation measures the proponent may use to minimize or eliminate any adverse impacts?

Thank you for your time and assistance on this project. Please contact me with any questions.

Linnea Johnson

Senior Scientist

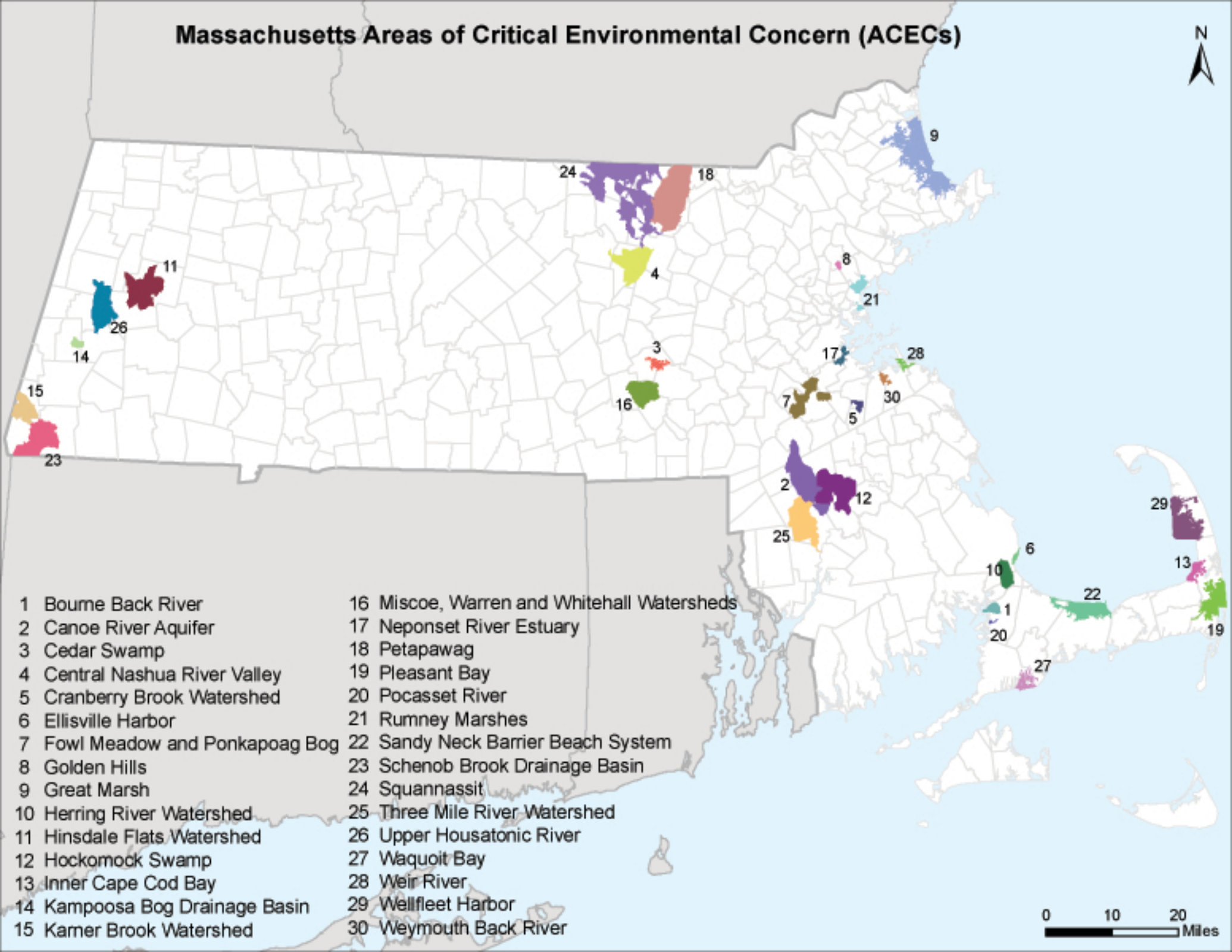
Loureiro Engineering Associates, Inc. | An Employee Owned Company
800 Hingham Street, Suite 202 South, Rockland, MA 02370 | **D:** 781-878-1272

Our job each day is to understand our clients' needs and ensure that they experience a level of service that exceeds their expectations. Please provide us with feedback on how we are doing by clicking [here](#)

This message contains PRIVILEGED and CONFIDENTIAL INFORMATION intended solely for the use of the addressee(s) named above. Loureiro Engineering Associates, Inc. (Loureiro) is not responsible for the data or any computational programming contained herein. Loureiro's responsibility extends solely to original "Hard Copy" mapping and documents prepared by Loureiro. Any disclosure, distribution, copying or use of the information by others is strictly prohibited. If you have received this message in error, please notify the sender by immediate reply and permanently delete the original message.

APPENDIX K

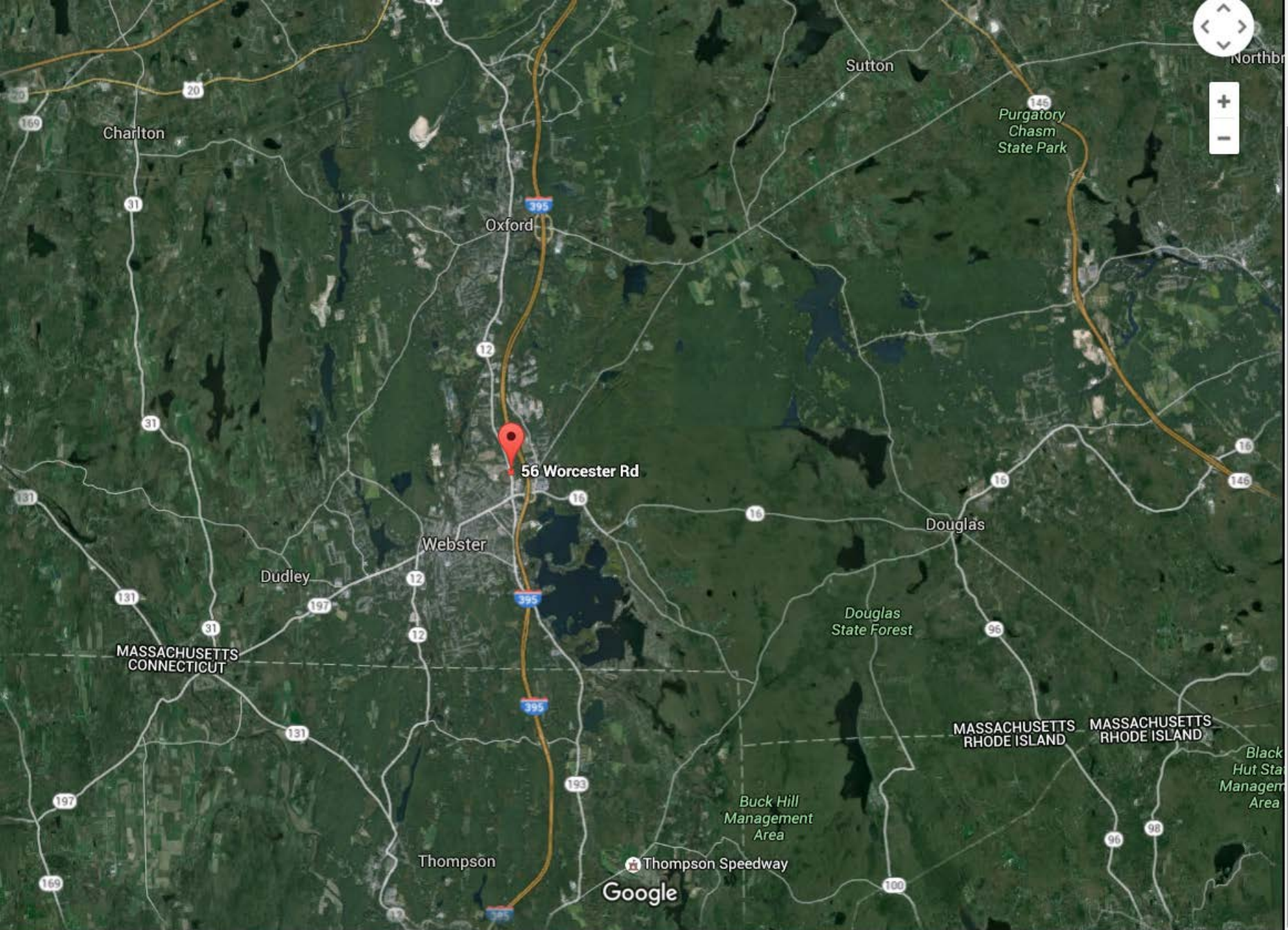
Massachusetts Areas of Critical Environmental Concern (ACECs)



- | | |
|---------------------------------|--------------------------------------------|
| 1 Bourne Back River | 16 Miscoe, Warren and Whitehall Watersheds |
| 2 Canoe River Aquifer | 17 Neponset River Estuary |
| 3 Cedar Swamp | 18 Petapawag |
| 4 Central Nashua River Valley | 19 Pleasant Bay |
| 5 Cranberry Brook Watershed | 20 Pocasset River |
| 6 Ellisville Harbor | 21 Rumney Marshes |
| 7 Fowl Meadow and Ponkapoag Bog | 22 Sandy Neck Barrier Beach System |
| 8 Golden Hills | 23 Schenob Brook Drainage Basin |
| 9 Great Marsh | 24 Squannassit |
| 10 Herring River Watershed | 25 Three Mile River Watershed |
| 11 Hinsdale Flats Watershed | 26 Upper Housatonic River |
| 12 Hockomock Swamp | 27 Waquoit Bay |
| 13 Inner Cape Cod Bay | 28 Weir River |
| 14 Kampoosa Bog Drainage Basin | 29 Wellfleet Harbor |
| 15 Karter Brook Watershed | 30 Weymouth Back River |

0 10 20 Miles

APPENDIX L



APPENDIX M

Appendix M

Section III. F. 2.

Air quality impacts: Non-Combustion Facilities

- a. The proposed project is a medical waste transfer facility and as such activities will not generate airborne emissions associated with waste generation, landfilling or incineration. Air emissions associated with truck traffic will occur but will be minimized due to no-idling programs and relatively low truck traffic.
- b. The operation is a medical waste transfer station and is not expected to generate air emissions.

APPENDIX N

Appendix N

Section III. G.

Nuisance Conditions:

Minor construction will occur to modify the existing structure. The majority of work will be in the construction of a separate unit that is designed for the security and safety of the proposed medical waste transfer station. These construction activities are not expected to last more than six months. No nuisance conditions are expected as a result of the proposed transfer station activities. All medical waste is prepackaged in previously packaged containers in accordance with DOT requirements for safe transportation and handling of regulated medical waste which will be unloaded from vans and transferred directly into a tractor trailer. All activities will be completed within a secure area.

APPENDIX O

Appendix O

Section III. H. 1.

Discussion: Discuss the waste delivery, unloading, and handling (including processing and storage) activities and pollution control equipment to demonstrate whether the size of the site is adequate to properly manage the proposed facility. Be specific with respect to the proposed capacity of the facility.

The activities at the proposed biomedical waste transfer facility will consist of moving packaged biomedical waste from one truck to another truck for temporary storage before the waste is then moved off Site. The waste may temporarily be stored in the trucks for a short period before being moved off Site. The facility will operate at a capacity of approximately 49 tons of waste per day. The process will take place in a limited area on a concrete loading dock over asphalt pavement. The paved area is covered so no precipitation will access the area.

APPENDIX P

Appendix 16

Section III. J. 3.

Existing Facility Identification:

- a. Webster Transfer Station located at 15 Cudworth Rd. Webster, MA is a closed landfill currently used as a transfer station.
- b. The proposed transfer station will receive medical waste from doctor's offices across Massachusetts. The contribution from Webster is expected to be minimal. No waste will be disposed in Webster and all will be transferred for incineration.
- c. See above.
- d. N/A
- e. N/A

APPENDIX Q

Appendix 17

Section III. K.

Evaluation of whether the projected impacts of the proposed facility pose a threat to public health, safety or the environment, taking into consideration the impacts of existing sources of pollution or contamination as defined by the Department, and whether the proposed facility will mitigate or reduce those sources of pollution or contamination:

The activities at the proposed biomedical waste transfer facility will consist of moving packaged biomedical waste from one truck to another truck for temporary storage before the waste is then moved off site. The process will take place within a proposed fully enclosed transfer building with a loading dock-height concrete floor. The paved area is covered so no precipitation will access the area.

The Site will have little or no effect on surrounding cultural receptors due to the location of the facility. The facility is not located within 500 feet of hospitals, prisons, health care facilities, day care centers, colleges, universities, schools, or residences. The Site is located on a property that is industrial zoned and is surrounded by business and industrial zoned properties. Truck access to the Site will not require travel through residential neighborhoods or on small country and city roads.

The Site will have little or no effect on surrounding environmental receptors due to the location of and activities at the facility. The Site is not located within a 200-foot Riverfront Area, a 100-year floodplain, a Zone I, IWPA, surface water intakes, surface water supply Zone A or Zone B, or Outstanding Resource Waters. Also, Areas of Critical Environmental Concern and Natural Heritage Endangered Species Program priority and estimated habitats are not located within 500 feet of the Site. The Site is located within a Zone II and a wetland is located in the southwest portion of the Site; however due to the nature of the activities occurring at the Site, the likelihood of any impact to the groundwater is remote.

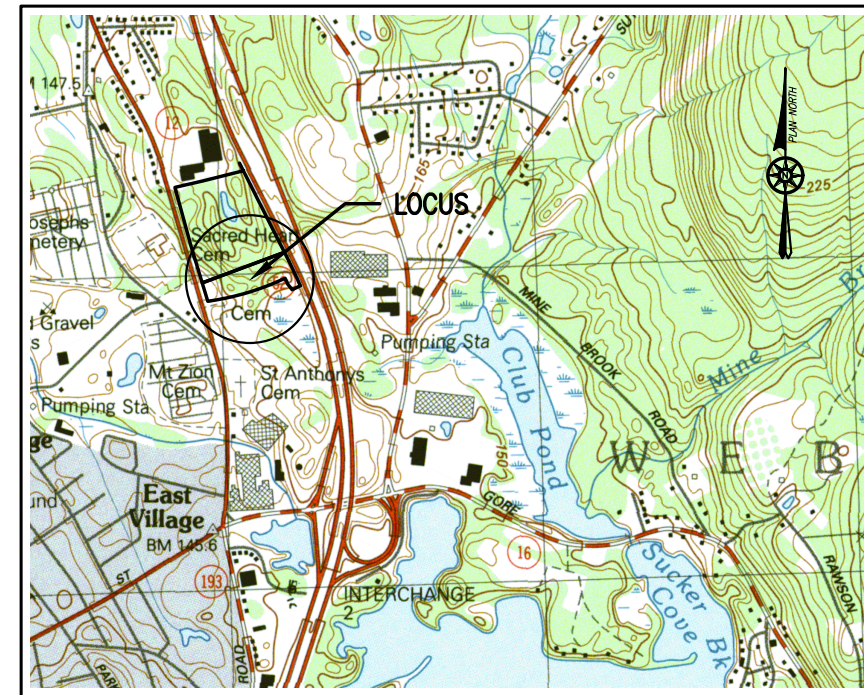
As no water source exists nearby the site, given the nature of the activities occurring at the Site and the measures taken to assure that spillage does not occur, no potential impact to the groundwater exists. Therefore, the Site will have little or no effect on surrounding cultural and environmental receptors due to the location of and activities at the facility.

APPENDIX R



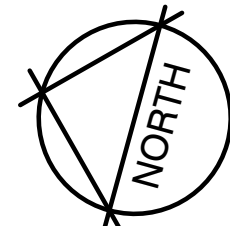
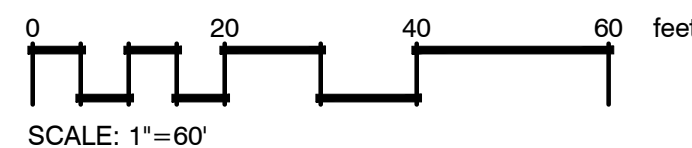
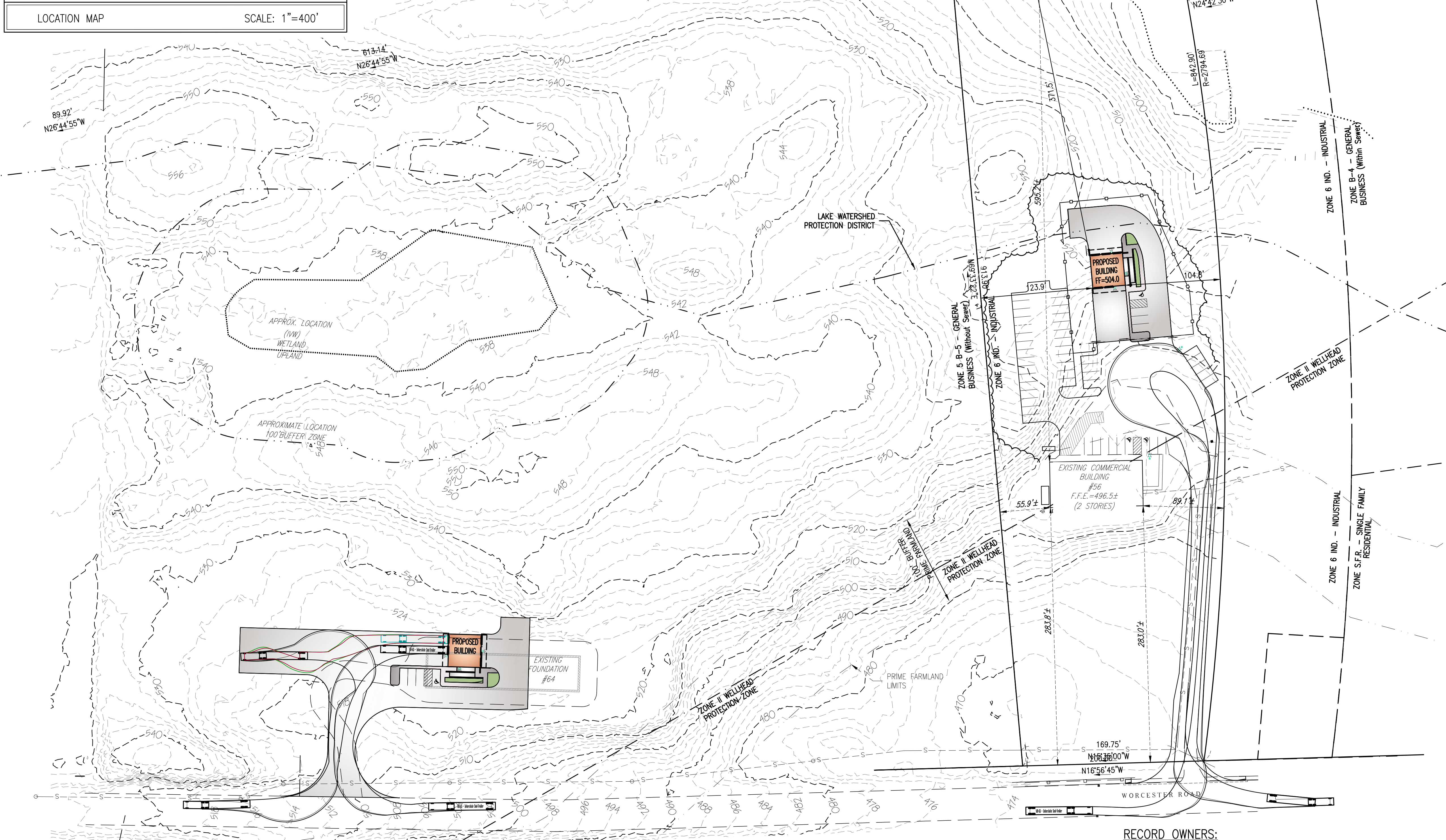
LOCATION MAP

SCALE: 1"=400'



LOCATION MAP

SCALE: 1"=2000'±



PLAN REFERENCES

1. PLAN ENTITLED "SITE PLAN" DATED 9/22/2015, PREPARED, BY ANDREWS SURVEY & ENGINEERING, INC. FOR UNITED MEDICAL WASTE.

RECORD OWNERS:

ASSESSOR LOT 87-A-1-1

SIX KIDS TRUST
C/O DAWN LINDSTROM TRUSTEE
7 DUDLEY HILL ROAD
DUDLEY, MA 01571
DEED BOOK 54637 PAGE 256
LOT B - PLAN BOOK 525 PAGE 31

ASSESSOR LOT 87-A-1-0

KUNKEL BUS CO. INC.
870 SCHOOL STREET
WEBSTER, MA 01570
DUDLEY, MA 01571
DEED BOOK 8718 PAGE 148
LOT A - PLAN BOOK 525 PAGE 31

WEBSTER PLANNING BOARD

THIS SITE PLAN DOES NOT NECESSARILY INDICATE COMPLIANCE WITH THE WEBSTER ZONING BYLAW

DATE APPROVED: _____

DATE SIGNED: _____

**CONCEPT
PROPOSED
TRANSFER FACILITY
SITE PLAN**

**#64 WORCESTER ROAD
WEBSTER, MASSACHUSETTS**

PREPARED FOR:

United Medical Waste Management, Inc.
20 Oakhurst Road
Sutton, Ma 01590

January 9, 2020

SCALE: 1"= 40'

JOB No. 17-052



GRADY CONSULTING, L.L.C.

Civil Engineers, Land Surveyors &
Landscape Architects
71 Evergreen Street, Suite 1, Kingston, MA 02364
Phone (781) 585-2300 Fax (781) 585-2378

COVER

SHEET 1 OF 1