EXHIBIT B

Environmental Notification Form (ENF)

Submittal Package for

295 and 283 Holtshire Road, Orange MA
Water Department Property Transfer and Tight Tank Retrofit

June 2023

Submitted by:

Town of Orange Select Board
6 Prospect Street
Orange, MA 01364

Prepared by:

Comprehensive Environmental Inc.
41 Main Street
Bolton, MA 01740

Contents

EXHIBIT B

Commonwealth of Massachusetts

Executive Office of Energy and Environmental Affairs
Massachusetts Environmental Policy Act (MEPA) Office

Environmental Notification Form

For Office Use Only

EEA#: _____

MEPA Analyst: _____

The information requested on this form must be completed in order to submit a document electronically for review under the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Water Department Property Transfer / Tight Tank Retrofit		
Street Address: 283 and 295 Holtshire Road		
Municipality: Orange	Watershed: Lake Mattawa (Millers River)	
Universal Transverse Mercator Coordinates:	Latitude:42.56709 Longitude:-72.32590	
Estimated commencement date:	Estimated completion date:	
Project Type: Release of Article 97 Property	Status of project design: 50 %complete	
Proponent: Town of Orange		
Street Address: 6 Prospect Street		
Municipality: Orange	State: MA	Zip Code: 01364
Name of Contact Person: Bob Hartzel		
Firm/Agency: Comprehensive Environmental Inc.	Street Address: 41 Main Street	
Municipality: Bolton	State: MA	Zip Code: 01740
Phone: 508-281-5201	Fax:	E-mail: rhartzel@ceiengineers.com

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
☐Yes ☒No

If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you requesting:

a Single EIR? (see 301 CMR 11.06(8))	☐Yes ☐No
a Rollover EIR? (see 301 CMR 11.06(13))	☐Yes ☐No
a Special Review Procedure? (see 301CMR 11.09)	☐Yes ☐No
a Waiver of mandatory EIR? (see 301 CMR 11.11)	☐Yes ☐No
a Phase I Waiver? (see 301 CMR 11.11)	☐Yes ☐No

(Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)

Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)?

310 CMR 11.03 1(b) 3: See Project Narrative (page 4)

NOTE: Although the project area is located within Priority Habitat (PH 1725), project is exempt from MESA review per 321 CMR 10.14 (6), which exempts replacement of septic systems.

Which State Agency Permits will the project require?

MassDEP BRPWS26

Identify any financial assistance or land transfer from an Agency of the Commonwealth, including the Agency name and the amount of funding or land area in acres:

On April 10, 2023, the Orange Water Commission voted to accept the land transfer of the parcel at 129 Lake Mattawa Road (parcel 131-31R; 0.375 acres) to the Orange Water Department for the purpose of water supply protection. This transfer was intended to meet the required conditions for conversion of Article 97 land at parcels 249-25/24 (#295/#283 Holtshire Road; 0.38 acres) for disposition and eventual sale.

See the meeting minutes in Attachment H.

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	0.38		
New acres of land altered		0	
Acres of impervious area	0.03	0	0.03
Square feet of new bordering vegetated wetlands alteration		0	
Square feet of new other wetland alteration		0	
Acres of new non-water dependent use of tidelands or waterways		0	
STRUCTURES			
Gross square footage	1281	0	1281
Number of housing units	1	0	1
Maximum height (feet)	30	0	30
TRANSPORTATION			
Vehicle trips per day	N/A		
Parking spaces	N/A		
WASTEWATER			
Water Use (Gallons per day)		406 GPD	
Water withdrawal (GPD)			
Wastewater generation/treatment (GPD)		480 GPD	
Length of water mains (miles)	N/A		
Length of sewer mains (miles)	N/A		

Has this project been filed with MEPA before?
☐ Yes (EEA #_____) ☒ No

Has any project on this site been filed with MEPA before?
☐ Yes (EEA #_____) ☐ No

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION:

Describe the existing conditions and land uses on the project site:

Parcel 249-25 (295 Holtshire Road) is on the eastern edge of the road and directly abuts the western shore of Lake Mattawa. Parcel 249-24 (283 Holtshire Road) is the adjacent parcel to the north, also between the eastern edge of Holtshire Road and the western shore of Lake Mattawa. The combined parcels have a total area of 0.38 acres, approximately 0.03 of which are building/dock structures. The driveway for the house at #295 is gravel and the area surrounding the house on the parcel is vegetated with mature upland trees, shrubs, and ground cover. There are a series of dock structures along the bank that enter Lake Mattawa from the parcels and surrounding land. The project site is within a Zone A for surface water public drinking supply (Lake Mattawa) and is within a Priority Habitat area (PH 1725) as mapped by the Massachusetts Natural Heritage and Endangered Species Program (NHESP). The site is also within land protected under Article 97 as conservation land for drinking water supply. The house at #295 Holtshire Road is currently not habitable due to a failing septic system.

Describe the proposed project and its programmatic and physical elements:

The Town of Orange is proposing disposition of parcels 249-25 and 249-24 (combined 0.38 acres) from Water Department jurisdiction and associated release of this land from Article 97 status. An equivalently valued parcel for water supply protection has been approved by the Town as an in-kind replacement for Article 97 lands surrounding Lake Mattawa. The proposed replacement parcel at 129 Lake Mattawa Road (parcel 131-31R) will provide 0.375 acres of land adjacent to Lake Mattawa for water supply protection. The disposition of parcels 249-25 and 249-24 will allow the failing septic system on the property to be removed and replaced with a tight tank in conformance with Title V, so that the property may be sold.

Approximately five feet north of the existing house at 295 Holtshire Road, a 2,000-gallon tight tank is proposed to replace the failing septic system. This tight tank installation will be set back 35 feet from the nearest part of the mean annual high-water line of Lake Mattawa. Silt fence and compost filter sock are proposed to provide construction-phase perimeter control between the tight tank installation and wetland resource areas. The silt fence shall be trenched in at a depth of 6 inches and backfilled with gravel, with the compost filter sock installed immediately adjacent to the silt fence on its upgradient side. All disturbed soils shall be stabilized and revegetated upon completion of construction. Per 321 CMR 10.14 (6), the proposed septic system replacement with a tight tank is exempt from review under the Massachusetts Endangered Species Act (MESA).

NOTE: The project description should summarize both the project's direct and indirect impacts (including construction period impacts) in terms of their magnitude, geographic extent, duration and frequency, and reversibility, as applicable. It should also discuss the infrastructure requirements of the project and the capacity of the municipal and/or regional infrastructure to sustain these requirements into the future.

Describe the on-site project alternatives (and alternative off-site locations, if applicable), considered by the proponent, including at least one feasible alternative that is allowed under current zoning, and the reasons(s) that they were not selected as the preferred alternative:

Alternative 0 – Proposed Project

The Town of Orange believes that the proposed transfer of parcels 249-25 and 249-24 out of Article 97 status (with associated protection of parcel 131-31R) and replacement of the failing septic system with a tight tank is the best option for 295/283 Holtshire Road and protection of the Lake Mattawa public water supply. Alternatives were considered and, as discussed below, were found to be either impracticable or not feasible given the constraints of the site and surrounding land use.

Alternative 1 – Transfer of Land without Proposed Tight Tank Upgrade

The Town considered transferring the parcel containing the dwelling at 295 Holtshire Road out of Article 97 and selling it without simultaneously proposing an upgrade to the failing septic system. This option was deemed infeasible as the septic system is in such failure that the house is not habitable, and would be a public health and safety hazard.

Alternative 2 – Leave the Parcel in Article 97 Land Use

The "do nothing" option was considered. However, due to the failing septic system, the dwelling has been condemned for habitation. The Town could eventually have been required to demolish derelict structures, which would have triggered additional permitting requirements and review. The potential cost to the Town to demolish the house at parcel 249-25 factored into the determination that this alternative is not feasible.

Alternative 3 – Only Upgrade the Failing Septic System

The Town considered only upgrading the failing septic system with a new tight tank, and leaving the parcel in Article 97 land use. This option presented the problem that, upon inhabitation, the parcel would still be under the jurisdiction of the Orange Water Department. For this reason, the proposed transfer of undeveloped land at parcel 131-31R to Water Department jurisdiction was considered a better option for long-term water supply protection.

NOTE: The purpose of the alternatives analysis is to consider what effect changing the parameters and/or siting of a project, or components thereof, will have on the environment, keeping in mind that the objective of the MEPA review process is to avoid or minimize damage to the environment to the greatest extent feasible. Examples of alternative projects include alternative site locations, alternative site uses, and alternative site configurations.

Summarize mitigation measures proposed to offset the impacts of the preferred alternative:

Mitigation measures include replacement of developed land protected under Article 97 with an undeveloped parcel (131-31R) that is higher in water supply protection value. Mitigation for temporary land disturbance during replacement of the failing septic system will include the proposed erosion/sediment controls (silt fencing and compost filter sock).

The proposed project is a form of public health risk mitigation and protection of water supply. As noted in the Alternatives Analysis, the failed septic system at 295 Holtshire Road has made the house uninhabitable.

If the project is proposed to be constructed in phases, please describe each phase: N/A

AREAS OF CRITICAL ENVIRONMENTAL CONCERN:

Is the project within or adjacent to an Area of Critical Environmental Concern?
☐Yes (Specify_____)
☒No

if yes, does the ACEC have an approved Resource Management Plan? ☐Yes ☐No ;
If yes, describe how the project complies with this plan. _____

Will there be stormwater runoff or discharge to the designated ACEC? ☐Yes ☐No;
If yes, describe and assess the potential impacts of such stormwater runoff/discharge to the designated ACEC.

RARE SPECIES:

Does the project site include Estimated and/or Priority Habitat of State-Listed Rare Species? (see http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/priority_habitat_home.htm)
☒Yes (Specify Priority Habitat 1725) ☐No

HISTORICAL /ARCHAEOLOGICAL RESOURCES:

Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?
☐Yes (Specify_____) ☒No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources? ☐Yes (Specify_____) ☐No

WATER RESOURCES:

Is there an Outstanding Resource Water (ORW) on or within a half-mile radius of the project site? ☒**Yes** ☐No;
if yes, identify the ORW and its location. **Lake Mattawa**

(NOTE: Outstanding Resource Waters include Class A public water supplies, their tributaries, and bordering wetlands; active and inactive reservoirs approved by MassDEP; certain waters within Areas of Critical Environmental Concern, and certified vernal pools. Outstanding resource waters are listed in the Surface Water Quality Standards, 314 CMR 4.00.)

Are there any impaired water bodies on or within a half-mile radius of the project site? ☐Yes ☒No; if yes, identify the water body and pollutant(s) causing the impairment:_____.

Is the project within a medium or high stress basin, as established by the Massachusetts Water Resources Commission? ☒**Yes** ☐No

STORMWATER MANAGEMENT:

Generally describe the project's stormwater impacts and measures that the project will take to comply with the standards found in MassDEP's Stormwater Management Regulations:

The project will use erosion and sedimentation control measures to prevent impacts from temporary earth disturbances associated with replacing the failing septic system with a tight tank. This includes a trenched-in silt fence with a compost filter sock along the perimeter of the proposed work area and stabilization through seeding and vegetation of all disturbed soil surfaces. No new impervious surface is proposed.

MASSACHUSETTS CONTINGENCY PLAN:

Has the project site been, or is it currently being, regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? ☐Yes ☒No;

If yes, please describe the current status of the site (including Release Tracking Number (RTN), cleanup phase, and Response Action Outcome classification):_

Is there an Activity and Use Limitation (AUL) on any portion of the project site? ☐Yes ☒No
if yes, describe which portion of the site and how the project will be consistent with the AUL: _____.

Are you aware of any Reportable Conditions at the property that have not yet been assigned an RTN?
☐Yes ☒No; if yes, please describe:_____

SOLID AND HAZARDOUS WASTE:

If the project will generate solid waste during demolition or construction, describe alternatives considered for re-use, recycling, and disposal of, e.g., asphalt, brick, concrete, gypsum, metal, wood:_

All materials to be removed will be from the failing septic structure and any related appurtenances. These materials will be disposed of in accordance with Board of Health requirements.

(NOTE: Asphalt pavement, brick, concrete and metal are banned from disposal at Massachusetts landfills and waste combustion facilities and wood is banned from disposal at Massachusetts landfills. See 310 CMR 19.017 for the complete list of banned materials.)

Will your project disturb asbestos containing materials? ☐Yes ☒No;
If yes, please consult state asbestos requirements at http://mass.gov/MassDEP/air/asbhom01.htm

Describe anti-idling and other measures to limit emissions from construction equipment:

Vehicle and equipment use at the site will be minimal. Construction phase activities for tight tank installation are expected to last less than a week.

DESIGNATED WILD AND SCENIC RIVER:

Is this project site located wholly or partially within a defined river corridor of a federally designated Wild and Scenic River or a state designated Scenic River? ☐Yes ☒No;
If yes, specify name of river and designation:

If yes, does the project have the potential to impact any of the "outstandingly remarkable" resources of a federally Wild and Scenic River or the stated purpose of a state designated Scenic River?
☐Yes ☐No; if yes, specify name of river and designation: _____;

If yes, will the project will result in any impacts to any of the designated "outstandingly remarkable"

resources of the Wild and Scenic River or the stated purposes of a Scenic River. ☐Yes ☐No;

If yes, describe the potential impacts to one or more of the "outstandingly remarkable" resources or stated purposes and mitigation measures proposed.

ATTACHMENTS: *Also see list of attachments in the Table of Contents*

☑ U.S.G.S. map

☑ Project site plan set, including:

☑ Plan , at an appropriate scale, depicting environmental constraints on or adjacent to the project site such as Priority and/or Estimated Habitat of state-listed rare species, Areas of Critical Environmental Concern, Chapter 91 jurisdictional areas, Article 97 lands, wetland resource area delineations, water supply protection areas, and historic resources and/or districts.

☑ Plan, at an appropriate scale, of proposed conditions upon completion of project (if construction of the project is proposed to be phased, there should be a site plan showing conditions upon the completion of each phase).

☑ List of all agencies and persons to whom the proponent circulated the ENF, in accordance with 301 CMR 11.16(2).

☑ List of municipal and federal permits and reviews required by the project, as applicable.

☑ Printout of output report from RMAT Climate Resilience Design Standards Tool, available here.

☑ Printout from the EEA EJ Maps Viewer showing the project location relative to Environmental Justice (EJ) Populations located in whole or in part within a 1-mile and 5-mile radius of the project site.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1)
☒Yes ☐No ; if yes, specify each threshold: 310 CMR 11.03 1(b) 3

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	Existing	Change	Total
Footprint of buildings	1281	0	1281
Internal roadways	0	0	0
Parking and other paved areas	0	0	0
Other altered areas	0.01	0	0.01
Undeveloped areas	0.35	0	0.35
Total: Project Site Acreage	**0.38**	**0**	**0.38**

B. Has any part of the project site been in active agricultural use in the last five years? ☐Yes ☒No ; if yes, how many acres of land in agricultural use (with prime state or locally important agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use? ☐Yes ☒No
if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a forest management plan approved by the Department of Conservation and Recreation:

D. Does any part of the project involve 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? ☒Yes ☐No ; if yes, describe:

The project proposes the release of 295/283 Holtshire Road from Article 97 watershed preservation restrictions. However, the parcel at 129 Lake Mattawa Road (131-31R) is proposed to be newly acquired for watershed preservation restriction, and is a higher watershed value than 295 Holtshire Road, as there is no developed land on parcel 131-31R.

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? ☐Yes ☒No ;

if yes, does the project involve the release or modification of such restriction? ☐Yes ☒No;

if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? ☐Yes ☒No ; if yes, describe:

G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? ☐Yes ☒No ; if yes, describe:

III. Consistency

A. Identify the current municipal comprehensive land use plan

Title: Orange Master Plan Date: 2005

B. Describe the project's consistency with that plan with regard to:

1) economic development not applicable

2) adequacy of infrastructure Replacement of failing infrastructure is consistent with the goals outlined in the Plan.

3) open space impacts The proposed project will have negligible impact on open space

4) compatibility with adjacent land uses The proposed project will improve water quality conditions in Lake Mattawa by replacing a failing septic system with a tight tank.

C. Identify the current Regional Policy Plan of the applicable Regional Planning Agency

RPA: Franklin Regional Council of Governments

Title: Sustainable Franklin County Date: June 2013

D. Describe the project's consistency with that plan with regard to:

1) economic development: the single-family home will continue to be a single-family home, with no impacts to the housing market or type of housing in the area

2) adequacy of infrastructure: The proposed project is consistent with the plan, as it will replace a failing septic system with a tight tank in a public water supply area

3) open space impacts: No open space impacts are proposed.

RARE SPECIES SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **rare species or habitat** (see 310 CMR 11.03(2))? ☐Yes ☒No ; if yes, specify, in quantitative terms:

The project will involve temporary alteration of a small area (250 square feet) within Priority Habitat (PH1725) for removal of the failing septic system and installation of a tight tank in conformance with Title V. All temporarily disturbed soils will be stabilized and revegetated upon completion of construction. Per 321 CMR 10.14 (6), the proposed septic system replacement with a tight tank is exempt from MESA review.

(NOTE: If you are uncertain, it is recommended that you consult with the Natural Heritage and Endangered Species Program (NHESP) prior to submitting the ENF.)

B. Does the project require any state permits related to **rare species or habitat?** ☐Yes ☒No

C. Does the project site fall within mapped rare species habitat (Priority or Estimated Habitat?) in the current Massachusetts Natural Heritage Atlas (attach relevant page)? ☒Yes ☐No .

D. If you answered "No" to all questions A, B and C, proceed to the **Wetlands, Waterways, and Tidelands Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Rare Species section below.

II. Impacts and Permits

A. Does the project site fall within Priority or Estimated Habitat in the current Massachusetts Natural Heritage Atlas (attach relevant page)? ☒Yes ☐No . If yes,

1. Have you consulted with the Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program (NHESP)? ☐Yes ☒No ;

if yes, have you received a determination as to whether the project will result in the "take" of a rare species? ☐Yes ☒No ; if yes, attach the letter of determination to this submission.

2. Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04) ☐Yes ☒No; if yes, provide a summary of proposed measures to minimize and mitigate rare species impacts

Per 321 CMR 10.14 (6), the proposed septic system replacement with a tight tank is exempt from MESA review. Construction phase erosion/sediment controls will provide mitigation for temporary construction phase activities associated with removal of the failing septic system and replacement with a tight tank meeting Title V requirements.

3. Which rare species are known to occur within the Priority or Estimated Habitat?

Per 321 CMR 10.14 (6), the proposed septic system replacement with a tight tank is exempt from MESA review.

4. Has the site been surveyed for rare species in accordance with the Massachusetts Endangered Species Act? ☐Yes ☒No

5. If your project is within Estimated Habitat, have you filed a Notice of Intent or received an Order of Conditions for this project? ☐Yes ☐No ; if yes, did you send a copy of the Notice of Intent to the Natural Heritage and Endangered Species Program, in accordance with the Wetlands Protection Act regulations? ☐Yes ☐No

B. Will the project "take" an endangered, threatened, and/or species of special concern in

accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ☐Yes ☒No;

if yes, provide a summary of proposed measures to minimize and mitigate impacts to significant habitat:

WETLANDS, WATERWAYS, AND TIDELANDS SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **wetlands, waterways, and tidelands** (see 301 CMR 11.03(3))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits (or a local Order of Conditions) related to **wetlands, waterways, or tidelands**? ☒Yes ☐No; if yes, specify which permit:

The project will require MA Wetlands Protection Act permitting/authorization as an activity within the 100-foot Buffer Zone to wetland resource areas. No direct wetland impacts are proposed for the septic system removal and tight tank installation.

C. If you answered "No" to both questions A and B, proceed to the **Water Supply Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Wetlands, Waterways, and Tidelands Section below.

II. Wetlands Impacts and Permits

A. Does the project require a new or amended Order of Conditions under the Wetlands Protection Act (M.G.L. c.131A)? ☒Yes ☐No; if yes, has a Notice of Intent been filed? ☐Yes ☒No; if yes, list the date and MassDEP file number: _____; if yes, has a local Order of Conditions been issued? ☐Yes ☒No; Was the Order of Conditions appealed? ☐Yes ☐No o. Will the project require a Variance from the Wetlands regulations? ☐Yes ☒No.

B. Describe any proposed permanent or temporary impacts to wetland resource areas located on the project site:

The project will involve temporary alteration of a small area (250 square feet) within the 100-foot buffer zone to the Bank of Lake Mattawa for removal of the failing septic system and installation of a tight tank. All temporarily disturbed soils will be stabilized and revegetated upon completion of construction.

C. Estimate the extent and type of impact that the project will have on wetland resources, and indicate whether the impacts are temporary or permanent:

No proposed resource area impacts - temporary buffer zone activities only

Coastal Wetlands	Area (square feet) or Length (linear feet)	Temporary or Permanent Impact?
Land Under the Ocean		
Designated Port Areas		
Coastal Beaches		
Coastal Dunes		
Barrier Beaches		
Coastal Banks		
Rocky Intertidal Shores		
Salt Marshes		
Land Under Salt Ponds		
Land Containing Shellfish		
Fish Runs		
Land Subject to Coastal Storm Flowage		

Inland Wetlands

Bank (lf)	_____	_____
Bordering Vegetated Wetlands	_____	_____
Isolated Vegetated Wetlands	_____	_____
Land under Water	_____	_____
Isolated Land Subject to Flooding	_____	_____
Bordering Land Subject to Flooding	_____	_____
Riverfront Area	_____	

D. Is any part of the project:

1. proposed as a **limited project**? ☐Yes ☒No; if yes, what is the area (in sf)?____
2. the construction or alteration of a **dam**? ☐Yes ☒No; if yes, describe:
3. fill or structure in a **velocity zone** or **regulatory floodway**? ☐Yes ☐No
4. dredging or disposal of dredged material? ☐Yes ☒No; if yes, describe the volume of dredged material and the proposed disposal site:
5. a discharge to an **Outstanding Resource Water (ORW)** or an **Area of Critical Environmental Concern (ACEC)**? ☐Yes ☒No
6. subject to a wetlands restriction order? ☐Yes ☒No if yes, identify the area (in sf):
7. located in buffer zones? ☒Yes ☐No; if yes, how much (in sf) 250 sf

E. Will the project:

1. be subject to a local wetlands ordinance or bylaw? ☒Yes ☐No
2. alter any federally-protected wetlands not regulated under state law? _☐Yes ☒No; if yes, what is the area (sf)?

III. Waterways and Tidelands Impacts and Permits

A. Does the project site contain waterways or tidelands (including filled former tidelands) that are subject to the Waterways Act, M.G.L.c.91? ☒Yes ☐No; if yes, is there a current Chapter 91 License or Permit affecting the project site? ☐Yes ☒No; if yes, list the date and license or permit number and provide a copy of the historic map used to determine extent of filled tidelands: Chapter 91 Waterways License ENF exemption (310 CMR (3) (b) 5: structure less than 1,000 sf base accessory to single family home)

B. Does the project require a new or modified license or permit under M.G.L.c.91? ☐Yes ☒No; if yes, how many acres of the project site subject to M.G.L.c.91 will be for non-water-dependent use? Current ___ Change ___ Total ___
If yes, how many square feet of solid fill or pile-supported structures (in sf)?

C. For non-water-dependent use projects, indicate the following:
Area of filled tidelands on the site:_____0_____
Area of filled tidelands covered by buildings:_____0_____
For portions of site on filled tidelands, list ground floor uses and area of each use:
_____0_____
Does the project include new non-water-dependent uses located over flowed tidelands?
☐Yes ☒No
Height of building on filled tidelands N/A

Also show the following on a site plan: Mean High Water, Mean Low Water, Water-dependent Use Zone, location of uses within buildings on tidelands, and interior and exterior areas and facilities dedicated for public use, and historic high and historic low water marks.

D. Is the project located on landlocked tidelands? ☐Yes ☒No; if yes, describe the project's impact on the public's right to access, use and enjoy jurisdictional tidelands and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

E. Is the project located in an area where low groundwater levels have been identified by a municipality or by a state or federal agency as a threat to building foundations? ☐Yes ☒No;

if yes, describe the project's impact on groundwater levels and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

F. Is the project non-water-dependent **and** located on landlocked tidelands **or** waterways or tidelands subject to the Waterways Act **and** subject to a mandatory EIR? ☐Yes ☒No; *(NOTE: If yes, then the project will be subject to Public Benefit Review and Determination.)*

G. Does the project include dredging? ☐Yes ☒No; if yes, answer the following questions:

What type of dredging? Improvement ___ Maintenance ___ Both ____
What is the proposed dredge volume, in cubic yards (cys) _____
What is the proposed dredge footprint ____length (ft) ___width (ft)____depth (ft);
Will dredging impact the following resource areas?

Intertidal Yes__ No__; if yes, ___ sq ft
Outstanding Resource Waters Yes__ No__; if yes, ___ sq ft
Other resource area (i.e. shellfish beds, eel grass beds) Yes__ No__; if yes __ sq ft
If yes to any of the above, have you evaluated appropriate and practicable steps to: 1) avoidance; 2) if avoidance is not possible, minimization; 3) if either avoidance or minimize is not possible, mitigation?
If no to any of the above, what information or documentation was used to support this determination?

Provide a comprehensive analysis of practicable alternatives for improvement dredging in accordance with 314 CMR 9.07(1)(b). Physical and chemical data of the sediment shall be included in the comprehensive analysis.

Sediment Characterization
Existing gradation analysis results? __Yes ___No: if yes, provide results.
Existing chemical results for parameters listed in 314 CMR 9.07(2)(b)6? ___Yes ____No; if yes, provide results.

Do you have sufficient information to evaluate feasibility of the following management options for dredged sediment? If yes, check the appropriate option.

Beach Nourishment ___
Unconfined Ocean Disposal ___
Confined Disposal:
Confined Aquatic Disposal (CAD) ___
Confined Disposal Facility (CDF) ___
Landfill Reuse in accordance with COMM-97-001 ___
Shoreline Placement ___
Upland Material Reuse____
In-State landfill disposal____
Out-of-state landfill disposal ____
(NOTE: This information is required for a 401 Water Quality Certification.)

IV. Consistency:

A. Does the project have effects on the coastal resources or uses, and/or is the project located within the Coastal Zone? ☐Yes ☒No; if yes, describe these effects and the projects consistency with the policies of the Office of Coastal Zone Management:

B. Is the project located within an area subject to a Municipal Harbor Plan? ☐Yes ☒No; if yes, identify the Municipal Harbor Plan and describe the project's consistency with that plan:

WATER SUPPLY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **water supply** (see 301 CMR 11.03(4))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to water supply? ☒Yes ☐No; if yes, specify which permit:

The project will require permit **MassDEP BRPWS26** for the disposition of public water supply land. The acquisition of parcel 131-31R will have a net positive impact on water supply protection. Parcel 131-31R is undeveloped and therefore has a higher value for water supply protection than the developed land at parcels at 249-25 (existing house) and 249-24. There are no proposed withdrawals from groundwater or surface waters for the purpose of this project. Therefore, the questions below in the Water Supply Section are not applicable to this site or any of the proposed activities.

C. If you answered "No" to <u>both</u> questions A and B, proceed to the **Wastewater Section**.

If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Water Supply Section below.

WASTEWATER SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **wastewater** (see 301 CMR 11.03(5))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **wastewater**? ☐Yes ☒No; if yes, specify which permit:

If you answered "No" to <u>both</u> questions A and B, proceed to the **Transportation -- Traffic Generation Section**. If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Wastewater Section below.

TRANSPORTATION SECTION (TRAFFIC GENERATION)

I. Thresholds / Permit

A. Will the project meet or exceed any review thresholds related to **traffic generation** (see 301 CMR 11.03(6))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **state-controlled roadways**? ☐Yes ☒No; if yes, specify which permit:

C. If you answered "No" to <u>both</u> questions A and B, proceed to the **Roadways and Other Transportation Facilities Section**. If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Traffic Generation Section below.

TRANSPORTATION SECTION (ROADWAYS AND OTHER TRANSPORTATION FACILITIES)

I. Thresholds

A. Will the project meet or exceed any review thresholds related to **roadways or other transportation facilities** (see 301 CMR 11.03(6☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **roadways or other transportation facilities**? ☐Yes ☒No ; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Energy Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Roadways Section below.

ENERGY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **energy** (see 301 CMR 11.03(7))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **energy**? ☐Yes ☒No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Air Quality Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Energy Section below.

AIR QUALITY SECTION

I. Thresholds

A. Will the project meet or exceed any review thresholds related to **air quality** (see 301 CMR 11.03(8))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **air quality**? ☐Yes ☒No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Solid and Hazardous Waste Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Air Quality Section below.

SOLID AND HAZARDOUS WASTE SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **solid or hazardous waste** (see 301 CMR 11.03(9))? ☐Yes ☒No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **solid and hazardous waste** ☐Yes ☒No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Historical and Archaeological Resources Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Solid and Hazardous Waste Section below.

HISTORICAL AND ARCHAEOLOGICAL RESOURCES SECTION

I. Thresholds / Impacts

A. Have you consulted with the Massachusetts Historical Commission? ☒Yes ☐No; if yes, attach correspondence. For project sites involving lands under water, have you consulted with the Massachusetts Board of Underwater Archaeological Resources? ____Yes ____ No; if yes, attach correspondence. ***Pending response from MHC***

B. Is any part of the project site a historic structure, or a structure within a historic district, in either case listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? ☐Yes ☐No; if yes, does the project involve the demolition of all or any exterior part of such historic structure? ☐Yes ☐No; if yes, please describe:

Pending response from MHC

C. Is any part of the project site an archaeological site listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? ☐Yes ☒No ; if yes, does the project involve the destruction of all or any part of such archaeological site? ☐Yes ☒No; if yes, please describe:

D. If you answered "No" to all parts of both questions A, B and C, proceed to the **Attachments and Certifications** Sections. If you answered "Yes" to any part of either question A or question B, fill out the remainder of the Historical and Archaeological Resources Section below.

II. Impacts

Describe and assess the project's impacts, direct and indirect, on listed or inventoried historical and archaeological resources:

III. Consistency

Describe measures that the proponent will take to comply with federal, state, regional, and local plans and policies related to preserving historical and archaeological resources:

CLIMATE CHANGE ADAPTATION AND RESILIENCY SECTION

This section of the Environmental Notification Form (ENF) solicits information and disclosures related to climate change adaptation and resiliency, in accordance with the MEPA Interim Protocol on Climate Change Adaptation and Resiliency (the "MEPA Interim Protocol"), effective October 1, 2021. The Interim Protocol builds on the analysis and recommendations of the 2018 Massachusetts Integrated State Hazard Mitigation and Climate Adaptation Plan (SHMCAP), and incorporates the efforts of the Resilient Massachusetts Action Team (RMAT), the inter-agency steering committee responsible for implementation, monitoring, and maintenance of the SHMCAP, including the "Climate Resilience Design Standards and Guidelines" project. The RMAT team recently released the RMAT Climate Resilience Design Standards Tool, which is available here.

The MEPA Interim Protocol is intended to gather project-level data in a standardized manner that will both inform the MEPA review process and assist the RMAT team in evaluating the accuracy and effectiveness of the RMAT Climate Resilience Design Standards Tool. Once this testing process is completed, the MEPA Office anticipates developing a formal Climate Change Adaptation and Resiliency Policy through a public stakeholder process. Questions about the RMAT Climate Resilience Design Standards Tool can be directed to rmat@mass.gov.

All Proponents must complete the following section, referencing as appropriate the results of the output report generated by the RMAT Climate Resilience Design Standards Tool and attached to the ENF. In completing this section, Proponents are encouraged, but not required at this time, to utilize the recommended design standards and associated Tier 1/2/3 methodologies outlined in the RMAT Climate Resilience Design Standards Tool to analyze the project design. However, Proponents are requested to respond to a respond to a user feedback survey on the RMAT website or to provide feedback to rmat@mass.gov, which will be used by the RMAT team to further refine the tool. Proponents are also encouraged to consult general guidance and best practices as described in the RMAT Climate Resilience Design Guidelines.

Climate Change Adaptation and Resiliency Strategies

I. Has the project taken measures to adapt to climate change for all of the climate parameters analyzed in the RMAT Climate Resilience Design Standards Tool (sea level rise/storm surge, extreme precipitation (urban or riverine flooding), extreme heat)? ☒Yes ☐No

Note: Climate adaptation and resiliency strategies include actions that seek to reduce vulnerability to anticipated climate risks and improve resiliency for future climate conditions. Examples of climate adaptation and resiliency strategies include flood barriers, increased stormwater infiltration, living shorelines, elevated infrastructure, increased tree canopy, etc. Projects should address any planning priorities identified by the affected municipality through the Municipal Vulnerability Preparedness (MVP) program or other planning efforts, and should consider a flexible adaptive pathways approach, an adaptation best practice that encourages design strategies that adapt over time to respond to changing climate conditions. General guidance and best practices for designing for climate risk are described in the RMAT Climate Resilience Design Guidelines.

A. If no, explain why.

B. If yes, describe the measures the project will take, including identifying the planning horizon and climate data used in designing project components. If applicable, specify the return period and design storm used (e.g., 100-year, 24-hour storm).

Replacing a failing septic system with a tight tank will increase climate resiliency, as a tight tank is less prone to flooding risks and impacts.

C. Is the project contributing to regional adaptation strategies? _X_ Yes __ No; If yes, describe.

Reducing pollution sources by upgrading an onsite wastewater management system is consistent with protection of public health and protection of public water supply resources.

II. Has the Proponent considered alternative locations for the project in light of climate change risks? ☐Yes ☒No

A. If no, explain why.

The proposed land transfer is site-specific – alternative locations are not applicable.

B. If yes, describe alternatives considered.

III. Is the project located in Land Subject to Coastal Storm Flowage (LSCSF) or Bordering Land Subject to Flooding (BLSF) as defined in the Wetlands Protection Act? ☐Yes ☒No

If yes, describe how/whether proposed changes to the site's topography (including the addition of fill) will result in changes to floodwater flow paths and/or velocities that could impact adjacent properties or the functioning of the floodplain. General guidance on providing this analysis can be found in the CZM/MassDEP Coastal Wetlands Manual, available here.

ENVIRONMENTAL JUSTICE SECTION

I. Identifying Characteristics of EJ Populations

A. If an Environmental Justice (EJ) population has been identified as located in whole or in part within 5 miles of the project site, describe the characteristics of each EJ populations as identified in the EJ Maps Viewer (i.e., the census block group identification number and EJ characteristics of "Minority," "Minority and Income," etc.). Provide a breakdown of those EJ populations within 1 mile of the project site, and those within 5 miles of the site.

The EJ populations identified in the Maps Viewer are lower income populations. See the attached Map printout and Block Group text boxes identifying the median income and minority population statistic breakdowns.

B. Identify all languages identified in the "Languages Spoken in Massachusetts" tab of the EJ Maps Viewer as spoken by 5 percent or more of the EJ population who also identify as not speaking English "very well." The languages should be identified for each census tract located in whole or in part within 1 mile and 5 miles of the project site, regardless of whether such census tract contains any designated EJ populations.

Zero percent of the nearest block groups identified as households with language isolation, indicating that this is not a barrier for EJ populations in Orange.

C. If the list of languages identified under Section I.B. has been modified with approval of the EEA EJ Director, provide a list of approved languages that the project will use to provide public involvement opportunities during the course of MEPA review. If the list has been expanded by the Proponent (without input from the EEA EJ Director), provide a list of the additional languages that will be used to provide public involvement opportunities during the course of MEPA review as required by Part II of the MEPA Public Involvement Protocol for Environmental Justice Populations ("MEPA EJ Public Involvement Protocol"). If the project is exempt from Part II of the protocol, please specify.

The proposed project will have no negative impact on EJ populations, as it is an improvement to public drinking water supply by reducing contamination risk from a failing septic system. The parcel identified has an existing single-family dwelling structure, and redevelopment is limited by zoning bylaws if the lot is sold in the future and a rebuild desired. The project is exempt from Part II of the protocol.

II. Potential Effects on EJ Populations

A. If an EJ population has been identified using the EJ Maps Viewer within 1 mile of the project site, describe the likely effects of the project (both adverse and beneficial) on the identified EJ population(s).

This project will have negligible impact on EJ populations, as it is of very small scale and scope. It is not expected to have any impact on the economic landscape of the Town of Orange, as it is a single-family dwelling that will remain in its current use with an upgraded on-site wastewater management system

B. If an EJ population has been identified using the EJ Maps Viewer within 5 miles of the project site, will the project: (i) meet or exceed MEPA review thresholds under 301 CMR 11.03(8)(a)-(b) ☐Yes ☒No;

or (ii) generate 150 or more new average daily trips (adt) of diesel vehicle traffic, excluding public transit trips, over a duration of 1 year or more. ☐Yes ☒No

C. If you answered "Yes" to either question in Section II.B., describe the likely effects of the project (both adverse and beneficial) on the identified EJ population(s).

III. Public Involvement Activities

A. Provide a description of activities conducted prior to filing to promote public involvement by EJ populations, in accordance with Part II of the MEPA EJ Public Involvement Protocol. In particular:

1. If advance notification was provided under Part II.A., attach a copy of the Environmental Justice Screening Form and provide list of CBOs/tribes contacted (with dates). Copies of email correspondence can be attached in lieu of a separate list.

2. State how CBOs and tribes were informed of ways to request a community meeting, and if any meeting was requested. If public meetings were held, describe any issues of concern that were raised at such meetings, and any steps taken (including modifications to the project design) to address such concerns.

3. If the project is exempt from Part II of the protocol, please specify.

   Due to the nature of the proposed project, this submittal is exempt from Part II of the protocol *(see response to I.C. above).*

B. Provide below (or attach) a distribution list (if different from the list in Section III.A. above) of CBOs and tribes, or other individuals or entities the Proponent intends to maintain for the notice of the MEPA Site Visit and circulation of other materials and notices during the course of MEPA review.

C. Describe (or submit as a separate document) the Proponent's plan to maintain the same level of community engagement throughout the MEPA review process, as conducted prior to filing.

CERTIFICATIONS:

1. The Public Notice of Environmental Review has been/will be published in the following newspapers in accordance with 301 CMR 11.15(1):

   (Name) The Greenfield Recorder (Date)_____

2. This form has been circulated to Agencies and Persons in accordance with 301 CMR 11.16(2).

Signatures:

Date / Signature of Responsible Officer or Proponent	Date / Signature of person preparing ENF (if different from above)
Jane Peirce (Town of Orange)	Robert Hartzel (CEI)
Name (print or type)	Name (print or type)
Town of Orange	CEI
Firm/Agency	Firm/Agency
6 Prospect Street	41 Main Street
Street	Street
Orange MA 01364	Bolton MA 01740
Municipality/State/Zip	Municipality/State/Zip
	508-281-5201
Phone	Phone

Attachment A:

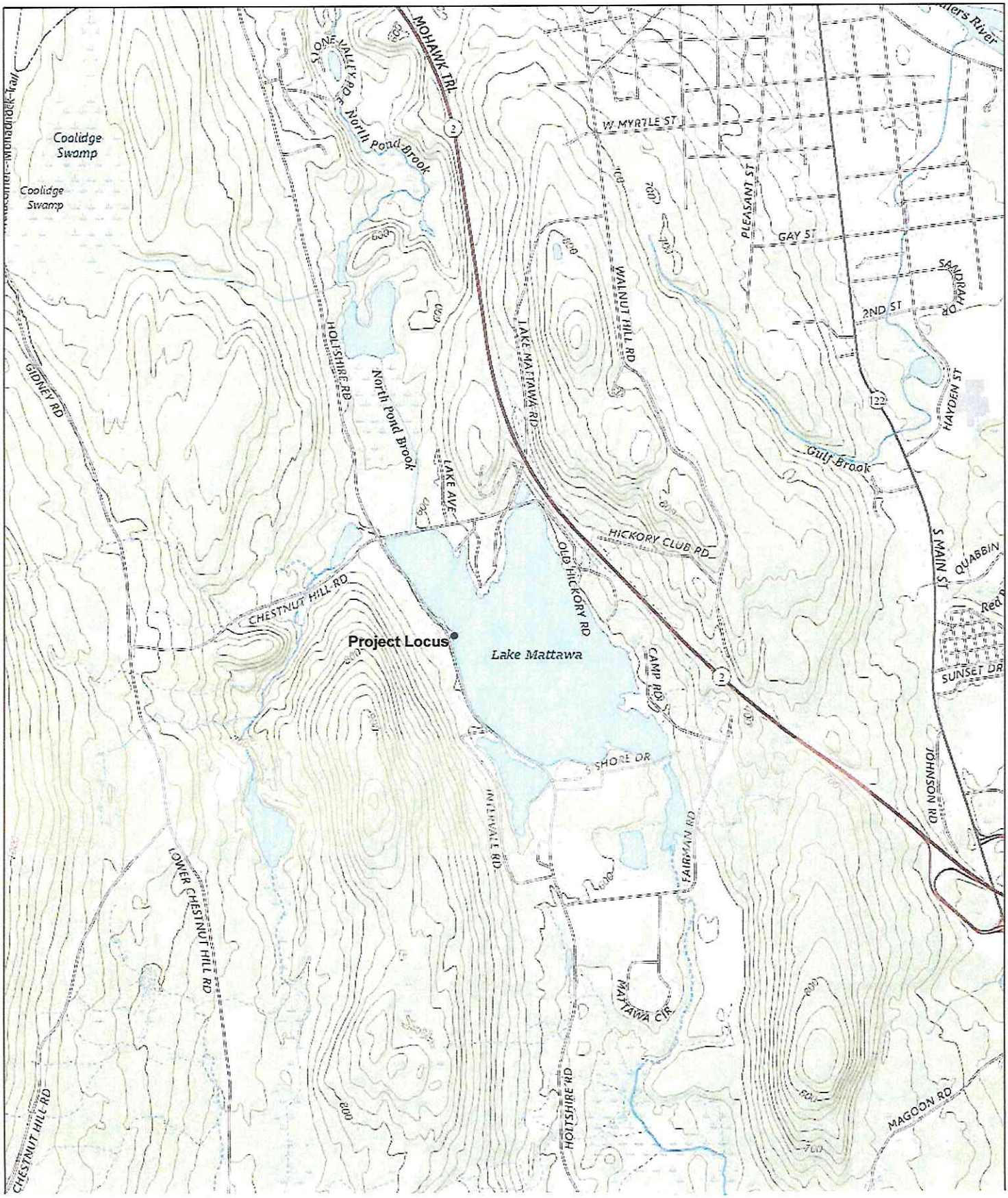
Maps/Plans

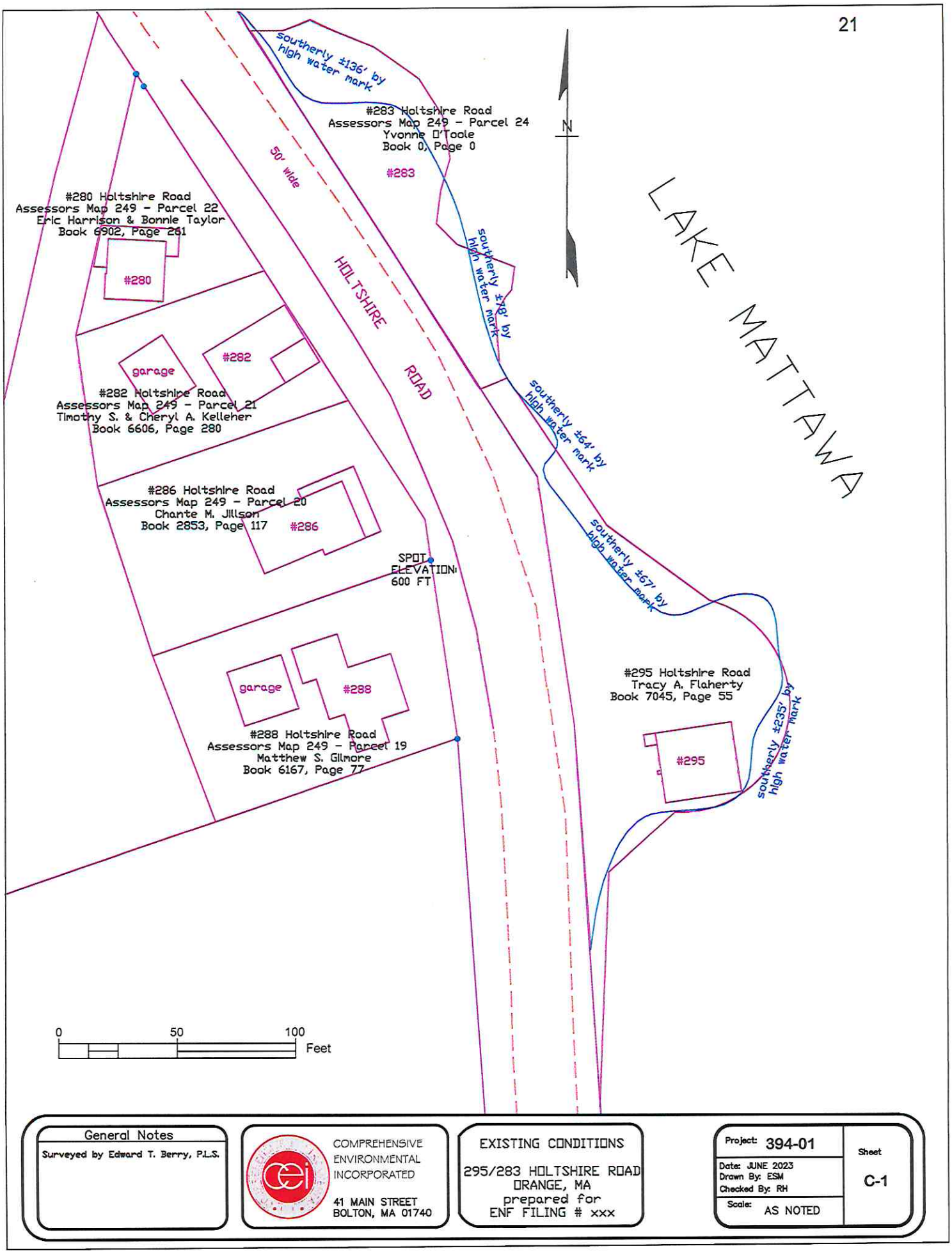
A.1. U.S.G.S. Site Map

A.2. Assessor's Map

A.3. Project Plan Set

USGS Map - 295/283 Holtshire Road





General Notes

Surveyed by Edward T. Berry, P.L.S.

COMPREHENSIVE ENVIRONMENTAL INCORPORATED
41 MAIN STREET
BOLTON, MA 01740

EXISTING CONDITIONS

295/283 HOLTSHIRE ROAD
ORANGE, MA
prepared for
ENF FILING # xxx

Project: 394-01
Date: JUNE 2023
Drawn By: ESM
Checked By: RH
Scale: AS NOTED

Sheet
C-1

LEGEND

- PRIORITY HABITAT 1725
- WATER SUPPLY ZONE A
- ARTICLE 97 PARCELS

General Notes

1. ENTIRE AREA SHOWN IS WITHIN OUTSTANDING RESOURCE WATER WATERSHED FOR PUBLIC WATER SUPPLY IDS: 1223000-01S (LAKE MATTAWA), 6000000-02S (QUABBIN RESERVOIR)
2. ARTICLE 97 LAND CONTINUES SOUTH ALONG HOLTSHIRE ROAD

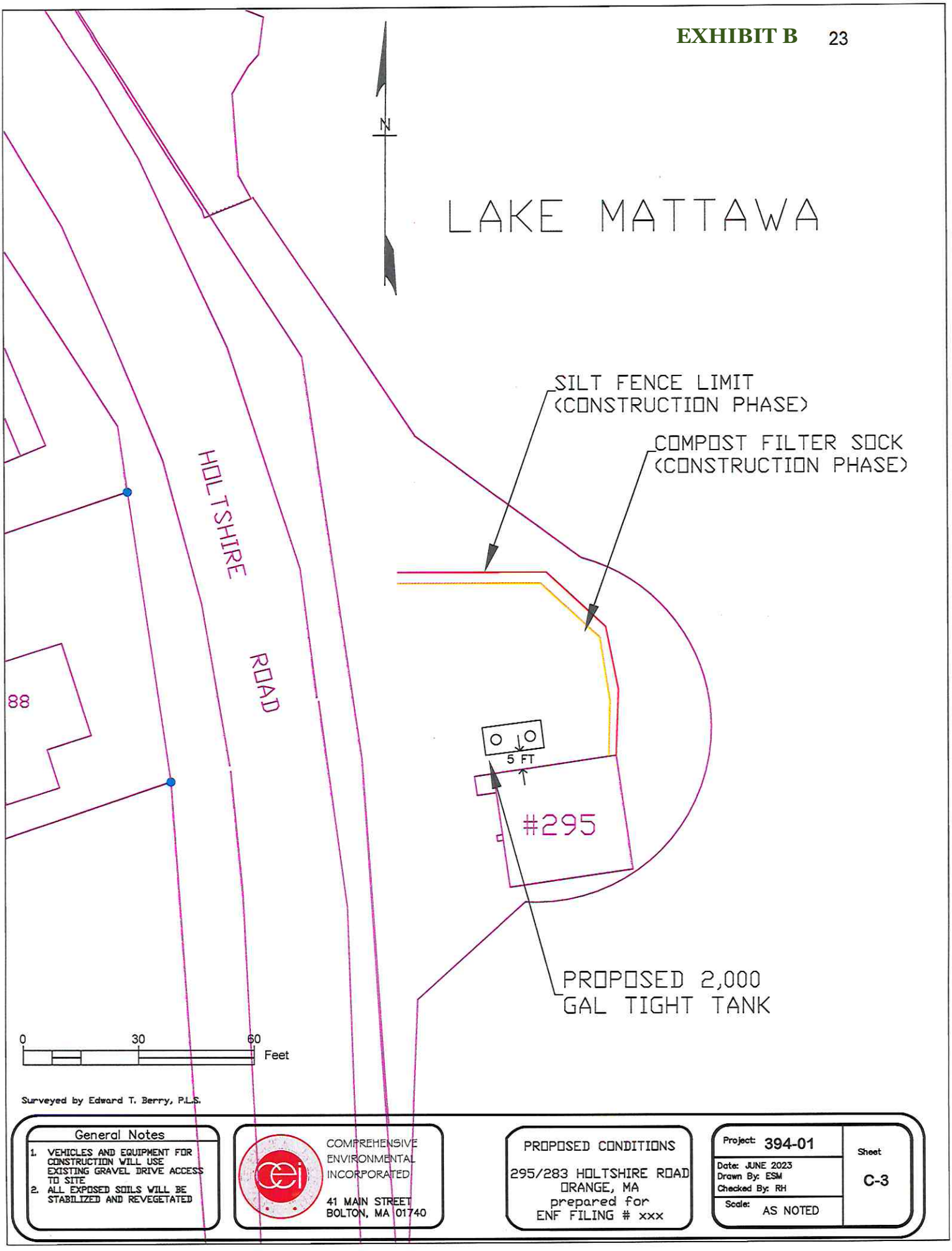
No.	Revision/Issue	Date

COMPREHENSIVE ENVIRONMENTAL INCORPORATED
41 MAIN ST. BOLTON MA 01740

ENVIRONMENTAL RESOURCES
295/283 HOLTSHIRE ROAD
ORANGE, MA
prepared for
ENF FILING # xxx

Project No.: 394-01	Sheet
Date: JUNE 2023	C-2
Drawn By: ESM Checked By: RH	
Scale: As Shown	

EXHIBIT B



Surveyed by Edward T. Berry, P.L.S.

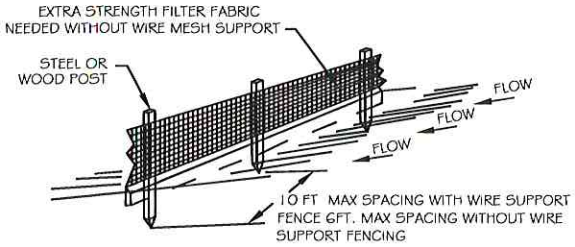
General Notes

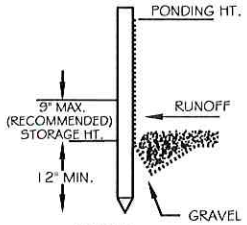
1. VEHICLES AND EQUIPMENT FOR CONSTRUCTION WILL USE EXISTING GRAVEL DRIVE ACCESS TO SITE
2. ALL EXPOSED SOILS WILL BE STABILIZED AND REVEGETATED

COMPREHENSIVE ENVIRONMENTAL INCORPORATED
41 MAIN STREET
BOLTON, MA 01740

PROPOSED CONDITIONS
295/283 HOLTSHIRE ROAD
ORANGE, MA
prepared for
ENF FILING # xxx

Project: 394-01
Date: JUNE 2023
Drawn By: ESM
Checked By: RH
Scale: AS NOTED
Sheet C-3



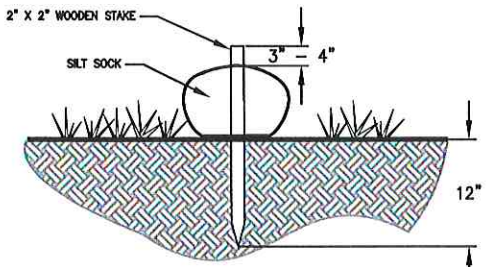


DETAIL
TRENCH WITH GRAVEL

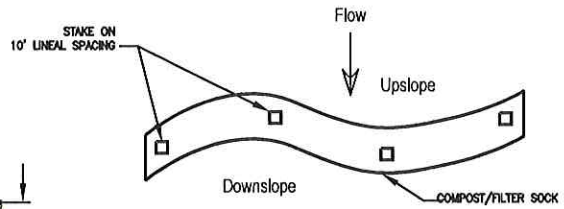
NOTES
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED

SILT FENCE

NOT TO SCALE



Silt sock
Section View



Silt sock
Plan View

Notes:
1. All material to meet compost/filter sock specifications.
2. Compost material to be dispersed on site, as determined by Engineer.

General Notes

1. CONTRACTOR SHALL USE A COMBINATION OF THE SILT FENCE AND GRAVEL TRENCHING/BACKFILL EROSION CONTROL METHODOLOGY AS WELL AS A SILT/FILTER/COMPOST SOCK STAKED ALONG THE BASE OF THE FENCING.
2. THE SILT FENCE SHALL BE INSTALLED DIRECTLY DOWNGRADIENT (TOWARDS THE BANK) OF THE COMPOST FILTER SOCK.

No.	Revision/Issue	Date

COMPREHENSIVE ENVIRONMENTAL INCORPORATED
41 MAIN ST. BOLTON MA 01740

ERODSION CONTROL DETAILS

295/283 HOLTSHIRE ROAD
ORANGE, MA
prepared for
ENF FILING # xxx

Project No.: 394-01	Sheet
Date: JUNE 2023	C-4
Drawn By: ESM	
Checked By: RH	
Scale: As Shown	

EXHIBIT B

Attachment B:

ENF Agency Distribution List

List of Agencies for ENF Circulation

Agency	Address
MEPA Office	100 Cambridge Street, Suite 900, Boston MA 02114
MassDEP	
• Boston MEPA Coordinator	Helena Boccadoro, One Winter Street, Boston MA 02108
• Regional MEPA Coordinator	Kathleen Fournier, State House West – 4th Floor, 436 Dwight Street, Springfield MA 01103
MassDOT	
• Public/Private Development Unit	10 Park Plaza, Suite #4150, Boston MA 02116
• District Office	811 North King Street, Northampton MA 01060
Massachusetts Historical Commission	220 Morrissey Boulevard, Boston MA 02125
Department of Conservation and Recreation (DCR)	251 Causeway Street, Suite 600, Boston MA 02114
EOEEA Environmental Justice Coordinator	ATTN: EEA EJ Dir.; 100 Cambridge Street, Suite 900, Boston MA 02144
MA Department of Public Health	Dir. of Environmental Health, 250 Washington Street, Boston MA 02115
Franklin Regional Council of Governments	ATTN: Kimberly MacPhee, Peggy Sloan; 12 Olive Street, Greenfield MA 01301
Municipal Government (Town of Orange)	
• Select Board	ATTN: Select Board; 6 Prospect Street, Orange MA 01364
• Planning Board	ATTN: Planning Board; 62 Cheney Street, Orange MA 01364
• Conservation Commission	ATTN: Con Com; 6 Prospect Street, Orange MA 01364
• Board of Health	ATTN: BOH; 62 Cheney Street, Orange MA 01364
• Public Library	49 E Main Street, Orange MA 01364

Attachment C:

Municipal and Federal Permit List

List of Permits and Reviews Required

1. Title V Septic System Permitting
2. MassDEP BRPWS 26 – Disposition of Land for Water Supply Permit
3. Wetlands Protection Act Notice of Intent (for buffer zone activities)

Attachment D:

RMAT Climate Resilience Output Report

Climate Resilience Design Standards Tool Project Report

295 Holtshire Road - Water Department Property Transfer

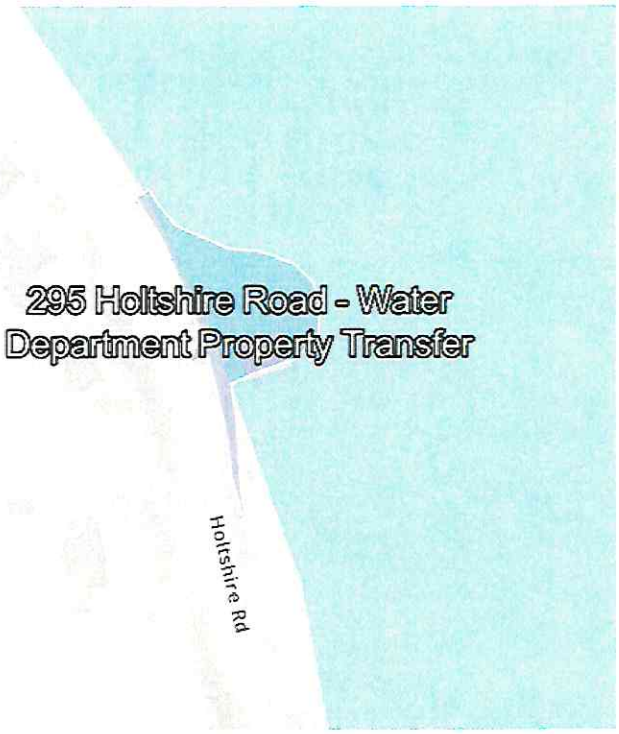
Date Created: 6/2/2023 2:20:42 PM
Created By: emusgraves
Date Report Generated: 6/2/2023 2:41:12 PM
Tool Version: Version 1.2
Project Contact Information: Jane Peirce (jane4selectboard@gmail.com)

Project Summary

Link to Project

Estimated Capital Cost: $20000.00
End of Useful Life Year: 2048
Project within mapped Environmental Justice neighborhood: No

Ecosystem Service Benefits	Scores
Project Score	Low
Exposure	**Scores**
Sea Level Rise/Storm Surge	Moderate Exposure
Extreme Precipitation - Urban Flooding	Moderate Exposure
Extreme Precipitation - Riverine Flooding	Moderate Exposure
Extreme Heat	Moderate Exposure



Asset Preliminary Climate Risk Rating Summary

Number of Assets: 1

Asset Risk	Sea Level Rise/Storm Surge	Extreme Precipitation - Urban Flooding	Extreme Precipitation - Riverine Flooding	Extreme Heat
2,000 gal tight tank	Moderate Risk	Moderate Risk	Moderate Risk	Moderate Risk

Climate Resilience Design Standards Summary

	Target Planning Horizon	Intermediate Planning Horizon	Percentile	Return Period	Tier
Sea Level Rise/Storm Surge					
2,000 gal tight tank	2050				
Extreme Precipitation					
2,000 gal tight tank	2050				Tier 2
Extreme Heat					
2,000 gal tight tank	2050		50th		Tier 2

Scoring Rationale - Project Exposure Score

The purpose of the Exposure Score output is to provide a preliminary assessment of whether the overall project site and subsequent assets are exposed to impacts of natural hazard events and/or future impacts of climate change. For each climate parameter, the Tool will calculate one of the following exposure ratings: Not Exposed, Low Exposure, Moderate Exposure, or High Exposure. The rationale behind the exposure rating is provided below.

Sea Level Rise/Storm Surge

This project received a "Moderate Exposure" because of the following:

- Historic coastal flooding at project site
- Not located within the predicted mean high water shoreline by 2030
- Not located within the Massachusetts Coast Flood Risk Model (MC-FRM)

Extreme Precipitation - Urban Flooding

This project received a "Moderate Exposure" because of the following:

- Maximum annual daily rainfall exceeds 10 inches within the overall project's useful life
- No historic flooding at project site
- No increase to impervious area
- Existing impervious area of the project site is less than 10%

Extreme Precipitation - Riverine Flooding

This project received a "Moderate Exposure" because of the following:

- Part of the project is within 100ft of a waterbody
- No historic riverine flooding at project site
- The project is not within a mapped FEMA floodplain [outside of the Massachusetts Coast Flood Risk Model (MC-FRM)]
- Project is not likely susceptible to riverine erosion

Extreme Heat

This project received a "Moderate Exposure" because of the following:

- Existing impervious area of the project site is less than 10%
- 10 to 30 day increase in days over 90 deg. F within project's useful life
- Located within 100 ft of existing water body
- No increase to the impervious area of the project site
- No tree removal

Scoring Rationale - Asset Preliminary Climate Risk Rating

A Preliminary Climate Risk Rating is determined for each infrastructure and building asset by considering the overall project Exposure Score and responses to Step 4 questions provided by the user in the Tool. Natural Resource assets do not receive a risk rating. The following factors are what influenced the risk ratings for each asset.

Asset - 2,000 gal tight tank
Primary asset criticality factors influencing risk ratings for this asset:

- Asset must be operable at all times, even during natural hazard event
- Loss/inoperability of the asset would have impacts limited to local area and/or municipality
- Inoperability of the asset would not be expected to result in injuries
- Cost to replace is less than $10 million
- Spills and/or releases of hazardous materials would be relatively easy to clean up

Project Climate Resilience Design Standards Output

Climate Resilience Design Standards and Guidance are recommended for each asset and climate parameter. The Design Standards for each climate parameter include the following: recommended planning horizon (target and/or intermediate), recommended return period (Sea Level Rise/Storm Surge and Precipitation) or percentile (Heat), and a list of applicable design criteria that are likely to be affected by climate change. Some design criteria have numerical values associated with the recommended return period and planning horizon, while others have tiered methodologies with step-by-step instructions on how to estimate design values given the other recommended design standards.

Asset: 2,000 gal tight tank — Infrastructure

Sea Level Rise/Storm Surge — Moderate Risk

Target Planning Horizon: 2050
Intermediate Planning Horizon: Not Applicable
Return Period: Not exposed to coastal flooding by 2070

LIMITATIONS: The recommended Climate Resilience Design Standards for the Sea Level Rise / Storm Surge Design Criteria are based on the user drawn polygon and relationships as defined in the Supporting Documents. The projected values provided through the Tool are based on the Massachusetts Coast Flood Risk Model (MC-FRM) outputs as of 9/13/2021, which included GIS-based data for three planning horizons (2030, 2050, 2070) and six return periods (0.1%, 0.2%, 0.5%, 1%, 2%, 5%). These values are projections based on assumptions as defined in the model and the LiDAR used at the time. For additional information on the MC-FRM, review the additional resources provided on the Start Here page.

The projected values, Standards, and Guidance provided within this Tool may be used to inform plans and designs, but they do not provide guarantees for future conditions or resilience. The projected values are not to be considered final or appropriate for construction documents without supporting engineering analyses. The guidance provided within this Tool is intended to be general and users are encouraged to do their own due diligence.

Applicable Design Criteria

Projected Tidal Datums: NOT APPLICABLE

Projected Water Surface Elevation: NOT APPLICABLE

Projected Wave Action Water Elevation: NOT APPLICABLE

Projected Wave Heights: NOT APPLICABLE

Projected Duration of Flooding: NOT APPLICABLE

Projected Design Flood Velocity: NOT APPLICABLE

Projected Scour & Erosion: NOT APPLICABLE

Extreme Precipitation — Moderate Risk

Target Planning Horizon: 2050
Return Period: No Return Period

LIMITATIONS: The recommended Standards for Total Precipitation Depth & Peak Intensity are determined by the user drawn polygon and relationships as defined in the Supporting Documents. The projected Total Precipitation Depth values provided through the Tool are based on the climate projections developed by Cornell University as part of EEA's Massachusetts Climate and Hydrologic Risk Project, GIS-based data as of 10/15/21. For additional information on the methodology of these precipitation outputs, see Supporting Documents.

While Total Precipitation Depth & Peak Intensity for 24-hour Design Storms are useful to inform planning and design, it is recommended to also consider additional longer- and shorter-duration precipitation events and intensities in accordance with best practices. Longer-duration, lower-intensity storms allow time for infiltration and reduce the load on infrastructure over the duration of the storm. Shorter-duration, higher-intensity storms often have higher runoff volumes because the water does not have enough time to infiltrate infrastructure systems (e.g., catch basins) and may overflow or back up during such storms, resulting in flooding. In the Northeast, short-duration high intensity rain events are becoming more frequent, and there is often little early warning for these events, making it difficult to plan operationally. While the Tool does not provide recommended design standards for these scenarios, users should still consider both short- and long-duration precipitation events and how they may impact the asset.

The projected values, standards, and guidance provided within this Tool may be used to inform plans and designs, but they do not provide guarantees for future conditions or resilience. The projected values are not to be considered final or appropriate for

construction documents without supporting engineering analyses. The guidance provided within this Tool is intended to be general and users are encouraged to do their own due diligence

Applicable Design Criteria

Tiered Methodology: Tier 2

Projected Total Precipitation Depth & Peak Intensity for 24-hr Design Storms: APPLICABLE

Asset Name	Recommended Planning Horizon	Recommended Return Period (Design Storm)	Projected 24-hr Total Precipitation Depth (inches)	Step-by-Step Methodology for Peak Intensity
2,000 gal tight tank	2050	No Return Period	N/A	Downloadable Methodology PDF

Projected Riverine Peak Discharge & Peak Flood Elevation: NOT APPLICABLE

Extreme Heat Moderate Risk

Target Planning Horizon: 2050
Percentile: 50th Percentile

Applicable Design Criteria

Tiered Methodology: Tier 2

Projected Annual/Summer/Winter Average Temperatures: APPLICABLE
Methodology to Estimate Projected Values : Tier 2

Projected Heat Index: APPLICABLE
Methodology to Estimate Projected Values : Tier 2

Projected Growing Degree Days: NOT APPLICABLE

Projected Days Per Year With Max Temp > 95°F, >90°F, <32°F: APPLICABLE
Methodology to Estimate Projected Values : Tier 2

Projected Number of Heat Waves Per Year & Average Heat Wave Duration: APPLICABLE
Methodology to Estimate Projected Values : Tier 2

Projected Cooling Degree Days & Heating Degree Days (base = 65°F): NOT APPLICABLE

Project Inputs

Core Project Information

Name:	295 Holtshire Road - Water Department Property Transfer
Given the expected useful life of the project, through what year do you estimate the project to last (i.e. before a major reconstruction/renovation)?	2048
Location of Project:	Orange
Estimated Capital Cost:	$20,000
Who is the Submitting Entity?	City/Town Orange Jane Peirce (jane4selectboard@gmail.com)
Is this project identified as a priority project in the Municipal Vulnerability Preparedness (MVP) plan or the local or regional Hazard Mitigation Plan (HMP)?	No
Is this project being submitted as part of a state grant application?	No
Which grant program?	
What stage are you in your project lifecycle?	Planning
Is climate resiliency a core objective of this project?	Yes
Is this project being submitted as part of the state capital planning process?	No
Is this project being submitted as part of a regulatory review process or permitting?	Yes
Brief Project Description:	MEPA (ENF) review process
Project Submission Comments:	Parcel 249-25 at 295 Holtshire Road is on the eastern edge of the road and directly abuts the western shore of Lake Mattawa. The parcel is comprised of 0.22 acres, approximately 0.03 of which are building/dock structures. The drive access to the house is gravel and the area surrounding the house on the parcel is vegetated with mature upland trees, shrubs, and ground cover. There are no bordering vegetated wetlands within the project site. There are a series of dock structures along the bank that enter Lake Mattawa from the parcel and surrounding land. The parcel sits within the Zone A for surface water public drinking supply (Lake Mattawa) and is within the Natural Heritage and Endangered Species Program (NHESP) polygon identified as Priority Habitat. The parcel is also within land protected under Article 97, as conservation land for drinking water supply. Currently, #295 Holtshire Road is not habitable due to the failing septic system. The Town of Orange is proposing to disposition parcel 249-25 from Water Department jurisdiction and therefore release the acreage from Article 97 protections. An equivalently valued parcel for water supply protection was voted as an in-kind replacement for Article 97 lands surrounding Lake Mattawa. 129 Lake Mattawa Road (parcel 131-31R) provides 0.375 acres of water supply protection land area. As a result, the dispositioning of parcel 249-25 will allow the failing septic system onsite to be upgraded, so that the property may be sold.

Project Ecosystem Service Benefits

Factors Influencing Output

- ✓ Project protects public water supply
- ✓ Project improves water quality
- ✓ Project protects fisheries, wildlife, and plant habitat
- ✓ Project remediates existing sources of pollution
- ✓ Project prevents pollution

Factors to Improve Output

- ✓ Incorporate nature-based solutions that may provide flood protection
- ✓ Incorporate nature-based solutions that may reduce storm damage

Is the primary purpose of this project ecological restoration?

No

Project Benefits

Provides flood protection through nature-based solutions	Maybe
Reduces storm damage	Maybe
Recharges groundwater	No
Protects public water supply	Yes

Filters stormwater using green infrastructure	No
Improves water quality	Yes
Promotes decarbonization	No
Enables carbon sequestration	No
Provides oxygen production	No
Improves air quality	No
Prevents pollution	Yes
Remediates existing sources of pollution	Yes
Protects fisheries, wildlife, and plant habitat	Yes
Protects land containing shellfish	No
Provides pollinator habitat	No
Provides recreation	No
Provides cultural resources/education	No

Project Climate Exposure

Is the primary purpose of this project ecological restoration?	No
Does the project site have a history of coastal flooding?	Yes
Does the project site have a history of flooding during extreme precipitation events (unrelated to water/sewer damages)?	Unsure
Does the project site have a history of riverine flooding?	No
Does the project result in a net increase in impervious area of the site?	No
Are existing trees being removed as part of the proposed project?	No

Project Assets

Asset: 2,000 gal tight tank
Asset Type: Other
Asset Sub-Type: Other
Construction Type: Major Repair/Retrofit
Construction Year: 2023
Useful Life: 25

Identify the length of time the asset can be inaccessible/inoperable without significant consequences.
Infrastructure must be accessible/operable at all times, even during natural hazard event.

Identify the geographic area directly affected by permanent loss or significant inoperability of the infrastructure.
Impacts would be limited to local area and/or municipality

Identify the population directly served that would be affected by the permanent loss or significant inoperability of the infrastructure.
Less than 5,000 people

Identify if the infrastructure provides services to populations that reside within Environmental Justice neighborhoods or climate vulnerable populations.
The infrastructure does not provide services to populations that reside within Environmental Justice neighborhoods or climate vulnerable populations.

Will the infrastructure reduce the risk of flooding?
No

If the infrastructure became inoperable for longer than acceptable in Question 1, how, if at all, would it be expected to impact people's health and safety?
Inoperability of the infrastructure would not be expected to result in injuries

If there are hazardous materials in your infrastructure, what are the extents of impacts related to spills/releases of these materials?
Spills and/or releases of hazardous materials are expected with relatively easy cleanup

If the infrastructure became inoperable for longer than acceptable in Question 1, what are the impacts on other facilities, assets, and/or infrastructure?
Minor – Inoperability will not likely affect other facilities, assets, or buildings

If the infrastructure was damaged beyond repair, how much would it approximately cost to replace?
Less than $10 million

Does the infrastructure function as an evacuation route during emergencies? This question only applies to roadway projects.
No

If the infrastructure became inoperable for longer than acceptable in Question 1, what are the environmental impacts related to natural resources?
Impact on natural resources can be mitigated naturally

If the infrastructure became inoperable for longer than acceptable in Question 1, what are the impacts to government services (i.e. the infrastructure is not able to serve or operate its intended users or function)?
Loss of infrastructure is not expected to reduce the ability to maintain government services

What are the impacts to loss of confidence in government resulting from loss of infrastructure functionality (i.e. the infrastructure asset is not able to serve or operate its intended users or function)?
No Impact

Report Comments

Parcel 249-25 at 295 Holtshire Road is on the eastern edge of the road and directly abuts the western shore of Lake Mattawa. The parcel is comprised of 0.22 acres, approximately 0.03 of which are building/dock structures. The drive access to the house is gravel and the area surrounding the house on the parcel is vegetated with mature upland trees, shrubs, and ground cover. There are no bordering vegetated wetlands within the project site. There are a series of dock structures along the bank that enter Lake Mattawa from the parcel and surrounding land. The parcel sits within the Zone A for surface water public drinking supply (Lake Mattawa) and is within the Natural Heritage and Endangered Species Program (NHESP) polygon identified as Priority Habitat. The parcel is also within land protected under Article 97, as conservation land for drinking water supply. Currently, #295 Holtshire Road is not habitable due to the failing septic system. The Town of Orange is proposing to disposition parcel 249-25 from Water Department jurisdiction and therefore release the acreage from Article 97 protections. An equivalently valued parcel for water supply protection was voted as an in-kind replacement for Article 97 lands surrounding Lake Mattawa. 129 Lake Mattawa Road (parcel 131-31R) provides 0.375 acres of water supply protection land area. As a result, the dispositioning of parcel 249-25 will allow the failing septic system onsite to be upgraded, so that the property may be sold.

Attachment E:

Environmental Justice (EEA EJ) Output Map

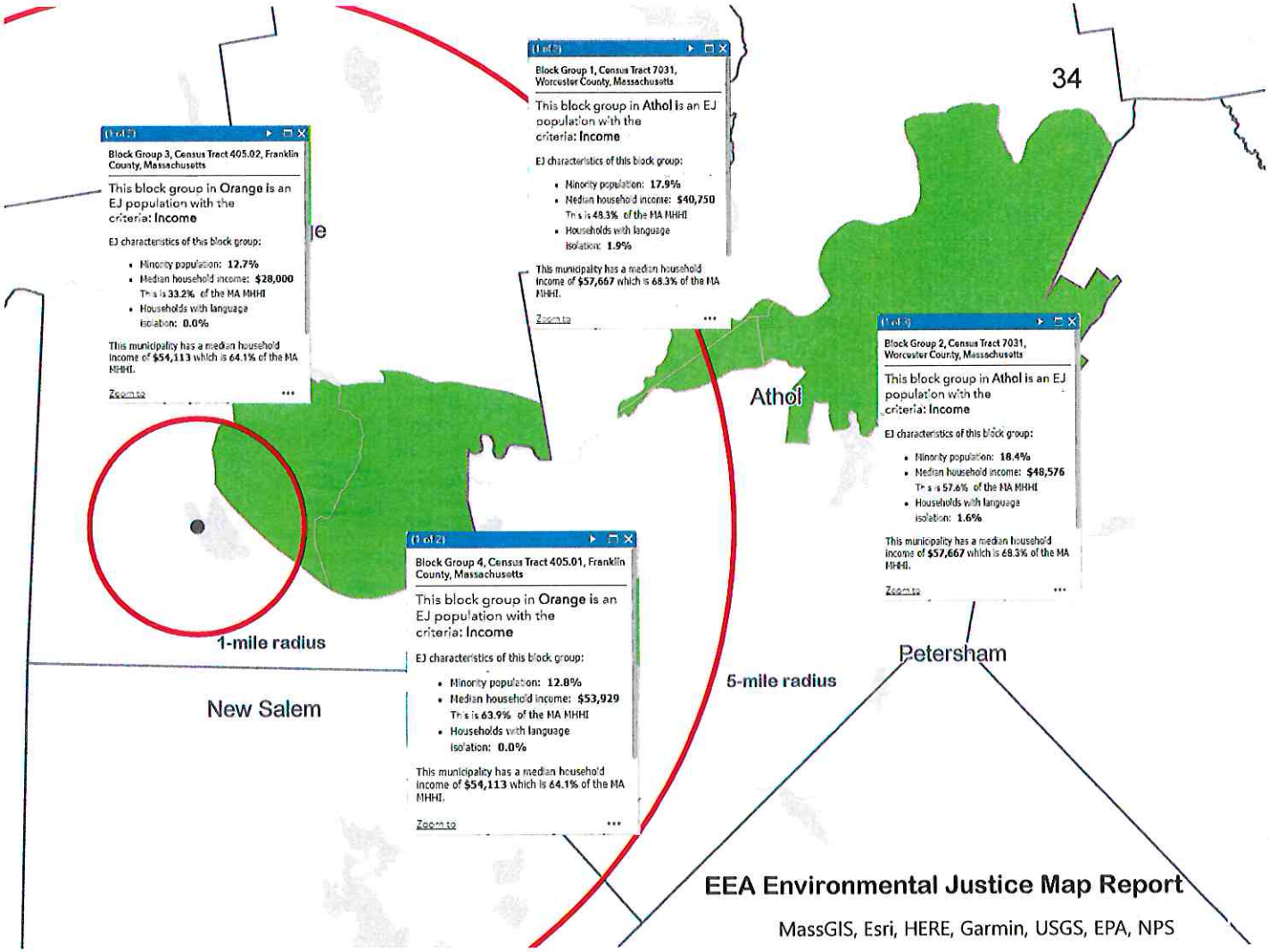

Block Group 3, Census Tract 405.02, Franklin County, Massachusetts
This block group in Orange is an EJ population with the criteria: Income
EJ characteristics of this block group:
Minority population: 12.7%
Median household income: $28,000
This is 33.2% of the MA MHHI
Households with language isolation: 0.0%
This municipality has a median household income of $54,113 which is 64.1% of the MA MHHI.
Zoom to
Block Group 1, Census Tract 7031, Worcester County, Massachusetts
This block group in Athol is an EJ population with the criteria: Income
EJ characteristics of this block group:
Minority population: 17.9%
Median household income: $40,750
This is 48.3% of the MA MHHI
Households with language isolation: 1.9%
This municipality has a median household income of $57,667 which is 68.3% of the MA MHHI.
Zoom to
Block Group 2, Census Tract 7031, Worcester County, Massachusetts
This block group in Athol is an EJ population with the criteria: Income
EJ characteristics of this block group:
Minority population: 18.4%
Median household income: $48,576
This is 57.6% of the MA MHHI
Households with language isolation: 1.6%
This municipality has a median household income of $57,667 which is 68.3% of the MA MHHI.
Zoom to
Block Group 4, Census Tract 405.01, Franklin County, Massachusetts
This block group in Orange is an EJ population with the criteria: Income
EJ characteristics of this block group:
Minority population: 12.8%
Median household income: $53,929
This is 63.9% of the MA MHHI
Households with language isolation: 0.0%
This municipality has a median household income of $54,113 which is 64.1% of the MA MHHI.
Zoom to
34
Athol
Petersham
New Salem
1-mile radius
5-mile radius
EEA Environmental Justice Map Report
MassGIS, Esri, HERE, Garmin, USGS, EPA, NPS

EXHIBIT B

Attachment F:

Massachusetts Historical Commission Submittal

950 CMR: OFFICE OF THE SECRETARY OF THE COMMONWEALTH

APPENDIX A
MASSACHUSETTS HISTORICAL COMMISSION
220 MORRISSEY BOULEVARD
BOSTON, MASS. 02125
617-727-8470, FAX: 617-727-5128

PROJECT NOTIFICATION FORM

Project Name: Orange Water Department Property Transfer/Tight Tank Retrofit

Location / Address: 295/283 Holtshire Road

City / Town: Orange, MA

Project Proponent

Name: Jane Peirce (Town of Orange Select Board)

Address: 6 Prospect Street

City/Town/Zip/Telephone: Orange MA 01364 978-544-1100, ext. 106

Agency license or funding for the project (list all licenses, permits, approvals, grants or other entitlements being sought from state and federal agencies).

Agency Name	Type of License or funding (specify)
MEPA	Environmental Notification Form
MassDEP	BRPWS26 for disposition and acquisition of lands for drinking water
Town of Orange	Notice of Intent - Order of Conditions

Project Description (narrative):
The Town of Orange is proposing disposition of parcels 249-25 and 249-24 (combined 0.38 acres) from Water Department jurisdiction and associated release of this land the acreage from Article 97 status. An equivalently valued parcel for water supply protection has been approved by the Town as an in-kind replacement for Article 97 lands surrounding Lake Mattawa. 129 Lake Mattawa Road (parcel 131-31R) will provide 0.375 acres of land adjacent to Lake Mattawa for water supply protection. The dispositioning of parcels 249-25 and 249-24 will allow the failing septic system on the property to be removed and replaced with a tight tank in conformance with Title V, so that the property may be sold. The existing building was built in 1940, to which no structural work is proposed.

Does the project include demolition? If so, specify nature of demolition and describe the building(s) which are proposed for demolition.

No, only subsurface work to remove failing septic structures as necessary for the tight tank retrofit.

Does the project include rehabilitation of any existing buildings? If so, specify nature of rehabilitation and describe the building(s) which are proposed for rehabilitation.

No.

Does the project include new construction? If so, describe (attach plans and elevations if necessary).

Only construction related to the upgrade of failing septic structures.

950 CMR: OFFICE OF THE SECRETARY OF THE COMMONWEALTH

APPENDIX A (continued)

To the best of your knowledge, are any historic or archaeological properties known to exist within the project's area of potential impact? If so, specify.

Not within the area of impact. The Lake Mattawa Camps specify historic dwellings constructed up to 1920 (see attached report). The Town assessor's information for the dwelling at 295 Holtshire Road states the house was built in 1940. No impacts to the dwelling at 295 Holtshire are proposed.

What is the total acreage of the project area?

Woodland	acres	Productive Resources:	
Wetland	acres	Agriculture	acres
Floodplain	acres	Forestry	acres
Open space	acres	Mining/Extraction	acres
Developed 0.38	acres	Total Project Acreage	acres

What is the acreage of the proposed new construction? 0.03 acres

What is the present land use of the project area?

Residential

Please attach a copy of the section of the USGS quadrangle map which clearly marks the project location.

This Project Notification Form has been submitted to the MHC in compliance with 950 CMR 71.00.

Signature of Person submitting this form: Robert M. Hartzel Date: June 15, 2023

Name: Bob Hartzel (Comprehensive Environmental, Inc.) on behalf of the Town of Orange

Address: 41 Main Street

City/Town/Zip: Bolton MA 01740

Telephone: 508-281-5210

REGULATORY AUTHORITY

950 CMR 71.00: M.G.L. c. 9, §§ 26-27C as amended by St. 1988, c. 254.


Details
ID: ORA.G
Historic Name: Lake Mattawa Camps
Common Name: —
Address: Orange
Town: Orange
Type: —
Designations: —
Types: Camp; Residential District;
Constructed: —
Architecture: —
Makers: —
Significance: Architecture; Community Planning; Recreation;
Demolished: No
Center/Zoom
Center
Street View
Lake Mattawa Rd
Point Ln
Forest Ln
Old Hickory Rd
Chestnut Hill Rd
Hillshire Rd
ORA.G
Lake Mattawa
Walnut Hill Rd
Camp Rd
Camp Dr
Intervale Rd
Shore Dr
500 ft
200 m

EXHIBIT B

Massachusetts Cultural Resource Information System

Scanned Record Cover Page

Inventory No:	ORA.G
Historic Name:	Lake Mattawa Camps
Common Name:	
City/Town:	Orange
Village/Neighborhood:	
Local No:	
Year Constructed:	
Use(s):	Camp; Residential District;
Significance:	Architecture; Community Planning; Recreation;
Designation(s):	
Building Materials:	
Demolished	No

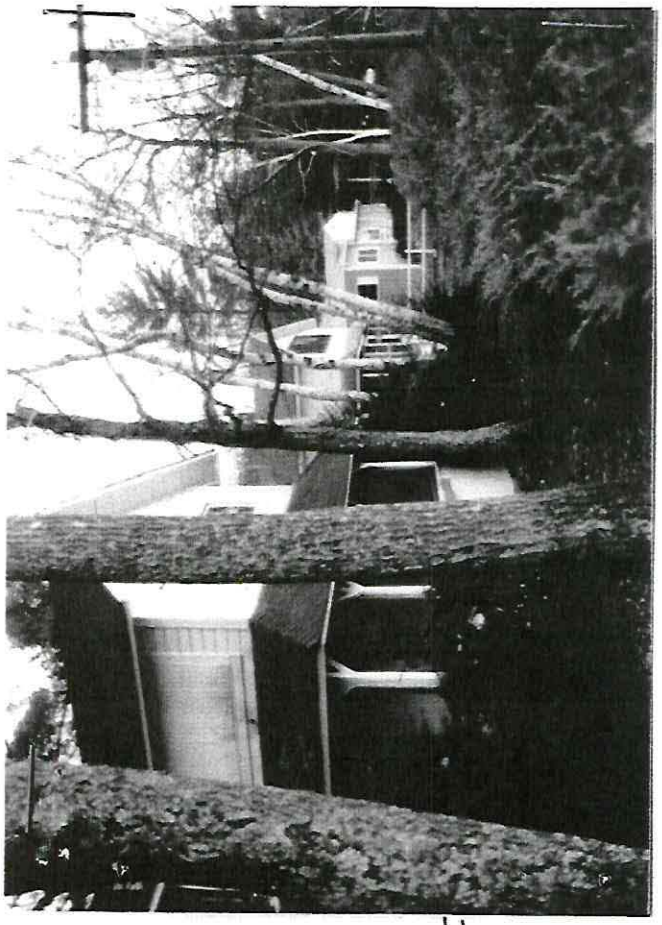
Commonwealth of Massachusetts
Massachusetts Historical Commission
220 Morrissey Boulevard, Boston, Massachusetts 02125
www.sec.state.ma.us/mhc

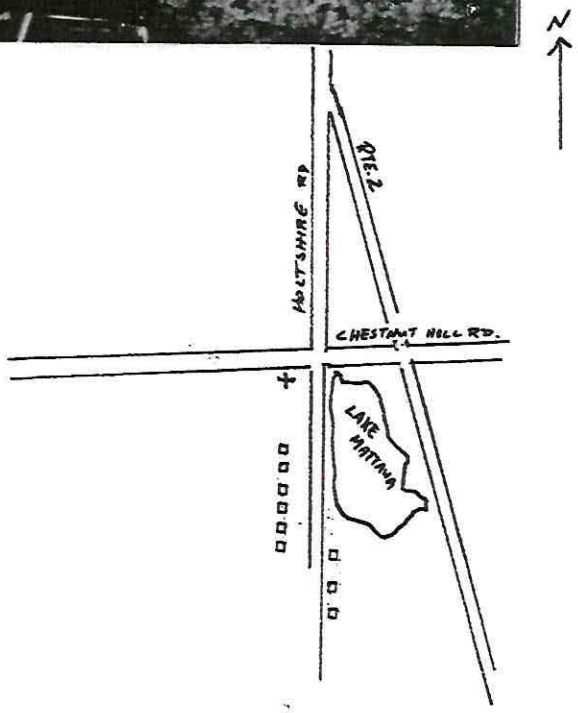
EXHIBIT B

ORA 36

FORM A - AREA

Area Letter	Form numbers in this Area
G	NONE





Town Orange

Name of Area (if any) Lake Mattawa Camps

Present Use single family homes
many converted for winter use

General Date or Period c. 1880-1925
some earlier buildings in area

General Condition good

Acreage

Recorded by Alan S. Mason, Pres. Consult.

Organization Orange Comm. Develop.

Date June, 1989

UTM REFERENCE

USGS QUADRANGLE

SCALE

EXHIBIT B

ORAG 40

NATIONAL REGISTER CRITERIA STATEMENT (if applicable)

ARCHITECTURAL SIGNIFICANCE Describe important architectural features and evaluate in terms of other areas within the community.

Most of the buildings fronting the lake have been constructed as summer properties and camps during the period 1910-1930. Outlying buildings, particularily along Chestnut Hill Road include several Federal structures. Victorian farmhouses have been noted along Holtshire Road. The area is large and contains relatively few buildings. Site, rather than district, designation, would be a reasonable course of action.

Most of the homes built during the twentieth century are small clapboard buildings of one and two story, designed for summer use. Most were built between 1910-1925.

HISTORICAL SIGNIFICANCE Explain historical importance of area and how the area relates to the development of other areas of the community.

North Pond's name was changed to Lake Mattawa in 1907.

BIBLIOGRAPHY and/or REFERENCES

Unpublished notes taken from microfilm from the Orange newspapers, Paul Woodward.

Attachment G:

Public Notice of ENF

Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs

MEPA Office

100 Cambridge St., Suite 900
Boston, MA 02114
Telephone 617-626-1020

PUBLIC NOTICE OF ENVIRONMENTAL REVIEW

PROJECT: Water Department Property Transfer/ Tight Tank Retrofit

LOCATION: 295/283 Holtshire Road, Orange MA

PROPONENT: Jane Peirce, Select Board

The undersigned is submitting an Environmental Notification Form ("ENF") to the Secretary of Energy & Environmental Affairs on or before
_____ *(date)*

This will initiate review of the above project pursuant to the Massachusetts Environmental Policy Act ("MEPA," M.G.L. c. 30, ss. 61-62L). Copies of the ENF may be obtained from:
Robert Hartzel, Comprehensive Environmental Inc (CEI)
rhartzel@ceiengineers.com
508-281-5201
(Name, email address, phone number of proponent or proponent's agent)

Electronic copies of the ENF are also being sent to the Conservation Commission and Planning Board of Orange, MA.

The Secretary of Energy & Environmental Affairs will publish notice of the ENF in the Environmental Monitor, receive public comments on the project, and then decide if an Environmental Impact Report is required. A site visit and/or remote consultation session on the project may also be scheduled. All persons wishing to comment on the project, or to be notified of a site visit and/or remote consultation session, should email MEPA@mass.gov or the MEPA analyst listed in the Environmental Monitor. Requests for language translation or other accommodations should be directed to the same email address. Mail correspondence should be directed to the Secretary of Energy & Environmental Affairs, 100 Cambridge St., Suite 900, Boston, Massachusetts 02114, Attention: MEPA Office, referencing the above project.

By _____ *(Proponent)*

Attachment H:

Orange Water Commission Meeting Minutes (4/10/2023)

Orange Water Department
16 West Myrtle Street
Orange, Massachusetts 01364
Telephone: 978-544-1115 • Fax: 978-544-1122
watersuper@townoforange.org

COMMISSIONERS MEETING MINUTES

Meeting Date: 04/10/2023

Meeting Location: Water Dept. Office

Members Present:
Mercedes Clingerman
Michael Hume

Members Absent:

Others Present:
Kenneth R. Wysk
Jane Pierce

Meeting open: 04:06 PM

Minutes – Minutes for the last meetings were not ready for reading and approval at this time.

Bills/Payments – The Commissioners were given an opportunity to review the bills that have been submitted for payment since their last meeting.

Contracts — Kenneth Wysk informed the Board that there was no new contract information at this time.

Visitors — Michael Hume, recognizing a visitor present, offered the floor to them. Jane Pierce introduced herself and proceeded to explain that the purpose of her visit was to ask for assistance with the MEPA paperwork associated with the parcel of land at 295 Holtshire Road to be able to sell the property. She explained that within Article 97 of the MEPA paperwork there is language requiring that the portion of land having previously been under jurisdiction of the Water Department would need to have another parcel of land with equivalent water supply protection value substituted for it in order to satisfy this provision. With this in mind, it was decided by the Board of Selectmen that another town parcel on Lake Mattawa, at 129 Lake Mattawa Road could be offered to the Water Department as an adequate substitution if the Board of Water Commissioners would be interested. After some deliberation about the potential usefulness of this property in the emergency situation of having to utilize Lake Mattawa as an emergency backup water supply as listed with the Water Department Emergency Response Plan, it was concluded that it would be beneficial. Kenneth stated that this was actually the item that he mirrored the executive session wording from the BOS meeting for this meeting. With this discussion being in open session, no one thought that it really needed to be within executive session for the decision to be made. Therefore, Michael motioned to accept 129 Lake Mattawa Road for potential emergency Water Department needs to satisfy the portion of Article 97 within the MEPA application. Mercedes Clingerman seconded. Motion was approved unanimously. Jane thanked the Board for their time.

Water District Discussion —Kenneth informed the Board that the reason that he had put this on the agenda was to get the current Boards thoughts on this topic that has been brought up a few times in the past. He explained that the most distinct benefit over the current governmental framework in which we now operate in is that it provides more separation to address water department needs and requirements away from other town situations, with only customers of the water system being able to vote on matters that pertain directly to

Orange Water Department
16 West Myrtle Street
Orange, Massachusetts 01364
Telephone: 978-544-1115 • Fax: 978-544-1122
watersuper@townoforange.org

them. Currently, any registered voter within the town that may not even have our water service at their property has a vote on departmental matters. Mercedes asked if Kenneth knew of any system that had recently changed from one option to the other to discuss why they decided to make the change. Kenneth said that he would look into that. Kenneth just wanted to open a dialogue about the potential with the Board before allocating time and effort into further research. He had worked within other water districts himself in the past, and felt that there were definite benefits in his opinion. The Board agreed that they would be interested to learn more about it.

Town Meeting Article Discussion/Vote – Kenneth discussed with the Board four articles for funds transfers requiring town meeting vote. These need to be submitted prior to a May 8th deadline, so they are in DRAFT form for the Board to discuss. Kenneth will make whatever revisions the Board may see fit and make sure that they are submitted prior to the deadline, and the Board will receive copies of the submittals at the next meeting. Mercedes motioned to approve the Articles as discussed to be submitted to be put on the Special Town Meeting Warrant on 06/20/2023 for vote. Michael seconded. Motion voted unanimously.

Superintendents Update — Kenneth informed the Board that he had nothing to add that had not already been discussed within other topics.

Adjourn – Mercedes motioned for the meeting to be adjourned and Michael seconded. Motion voted unanimously to adjourn the meeting at 7:05 PM.

Attachments: Article Submission for 06/20/2023 STM

Minutes taken by: Kenneth R. Wysk
Approved by:

Michael J Hume Chair

Vice Chair

Member

Attachment I:

Site Photographs

Assessors Map - 295/283 Holtshire Road

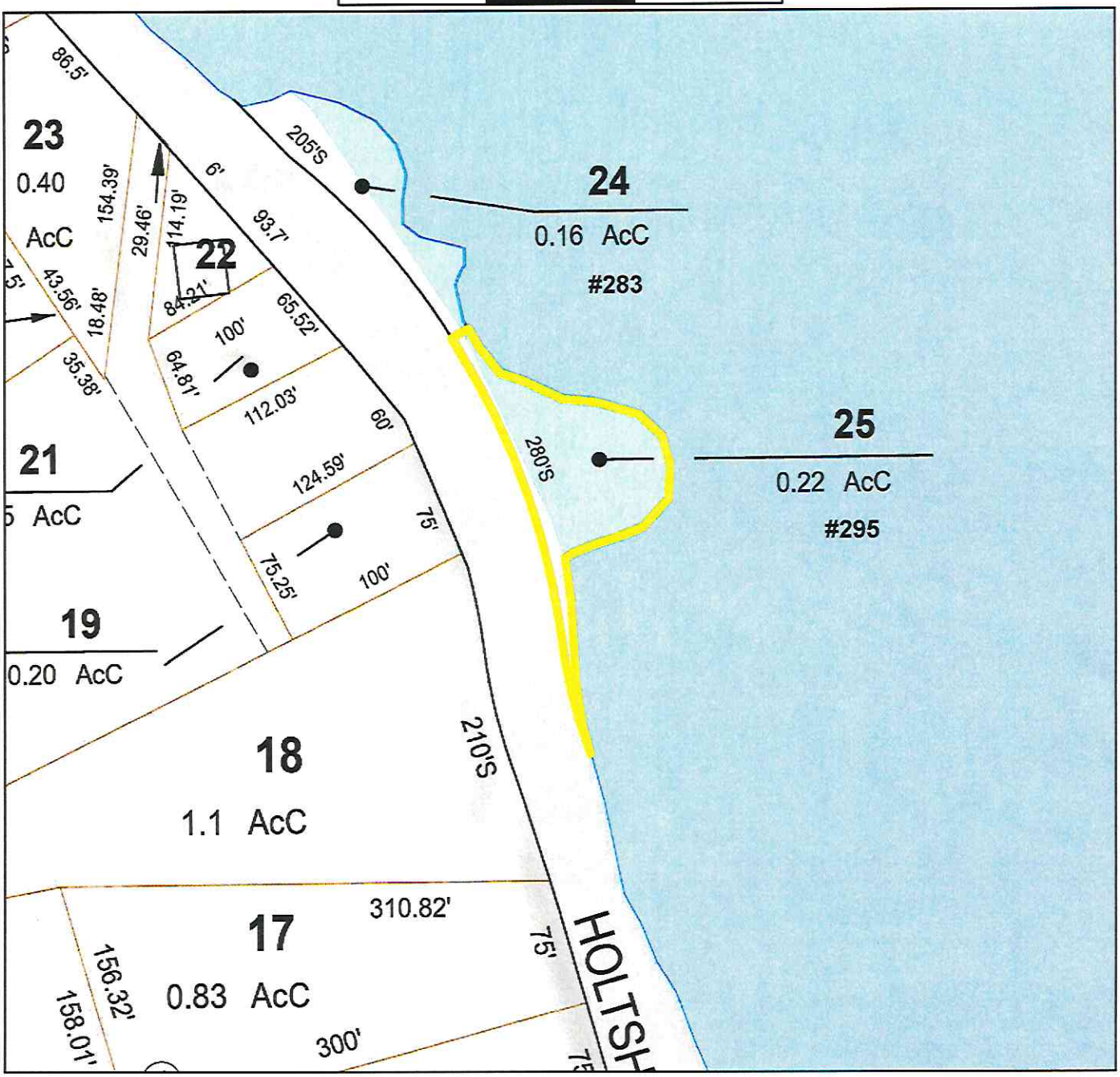
Town of Orange, MA

1 inch = 94 Feet

June 2, 2023

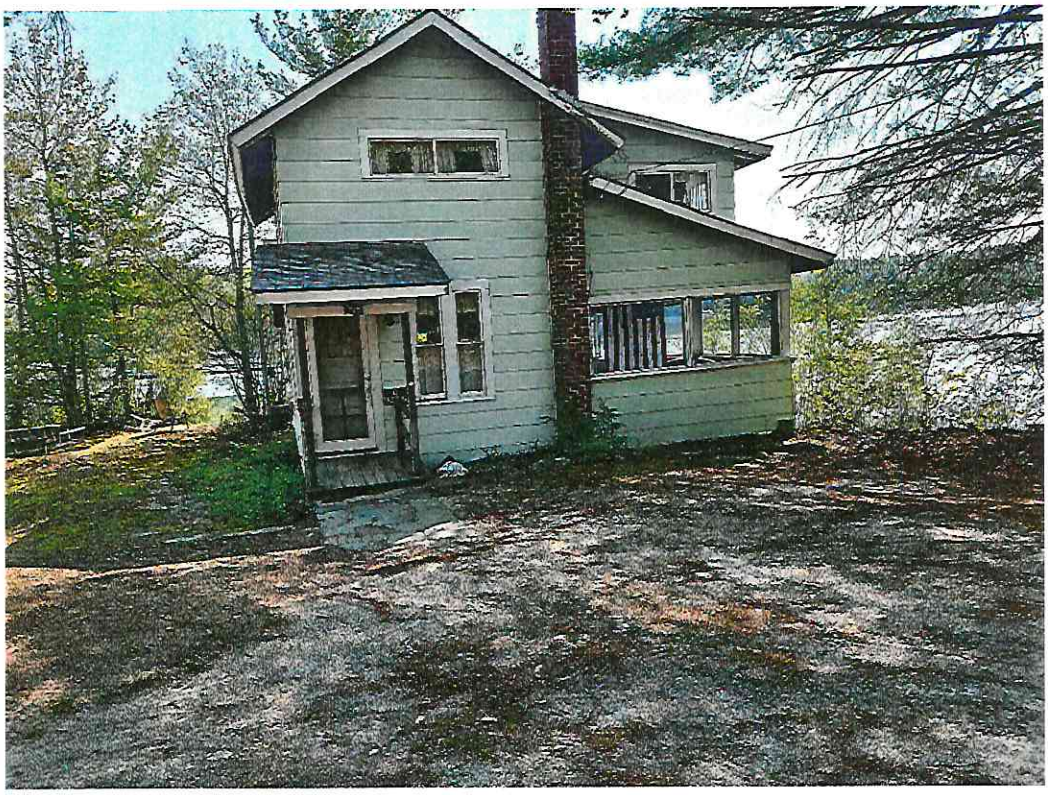
0 94 188 282

CAI Technologies
Precision Mapping. Geospatial Solutions.
www.cai-tech.com



Parcel - Poly	ParcelText_Leaders	ParcelPolys
PWater	ParcelText_Arrowheads	Water Polys
Property Line	TaxmapText_Arrowheads	World Hillshade
Public Road	TaxmapText_Leaders	
Right of Way	Right of Ways	

Orange, MA – 295/283 Holtshire Road
Water Department Property Transfer/Tight Tank Retrofit
Site Photographs



Orange, MA – 295/283 Holtshire Road
Water Department Property Transfer/Tight Tank Retrofit
Site Photographs