

NOTICE OF PUBLIC HEARING SUDBURY CONSERVATION COMMISSION

The Sudbury Conservation Commission will hold a public hearing to review the Notice of Intent filing to implement an Aquatic Management Program consisting of installing a submersible aeration system, nutrient remediation, use of beneficial bacteria and algaecides, as well as routine maintenance of the ponds and areas within 100 feet of wetland resource areas, pursuant to the Wetlands Protection Act and Sudbury Wetlands Administration Bylaw, at 1 Liberty Ledge, Sudbury, MA. Scott Brody, Camp Sewataro, applicant. The hearing will be held on Mon., April 11, 2022 at 6:45 pm, via Zoom. Please see the Conservation Commission web page for further information.

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-april-11-2022/>

SUDBURY CONSERVATION COMMISSION
March 28, 2022

Notice of Intent Application Camp Sewataro Aquatic Management Program

Sudbury, MA

March 2022

Prepared for:

**Camp Sewataro
1 Liberty Ledge
Sudbury, MA 01776**

Prepared by:

**SŌlitude Lake Management
590 Lake Street
Shrewsbury, MA 01545**



TABLE OF CONTENTS

◆ NOI Application Form	
▪ Wetlands Protection Act Form 3	
▪ Appendix A: Ecological Restoration Limited Project Checklists	
◆ NOI Wetland Fee Transmittal Form	
◆ ATTACHMENT A – Abutter Notification	
Environmental Monitor	
Affidavit of Service	
Abutters Notice	
Abutters Lists	
◆ ATTACHMENT B - Project Description	
1.0 Introduction	1
2.0 Site Description and Pond Characteristics	1-3
3.0 In-Lake Management Program	3-7
3.1 Program Overview	
3.2 Proposed Products and Management Techniques	
3.3 Other Management Tasks	
3.4 Management Approach Matrix	
3.5 Monitoring	
4.0 Alternative Analysis	7-8
5.0 Compliance	8-9
6.0 Impacts of the Proposed Management Plan Specific to the Wetlands Protection Act	9-10
◆ ATTACHMENT C – Figures	
▪ Figure 1: Site Locus	
▪ Figure 2: Treatment Areas	
▪ Figure 3: Natural Heritage & Endangered Species Program Habitats	
◆ ATTACHMENT D – Herbicide/Algaecide Information	



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

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



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

1 Liberty Ledge

a. Street Address

Sudbury

b. City/Town

01776

c. Zip Code

42.417399

d. Latitude

-71.418941

e. Longitude

Latitude and Longitude:

f. Assessors Map/Plat Number

g. Parcel /Lot Number

2. Applicant:

Scott

a. First Name

Brody

b. Last Name

Camp Sewataro

c. Organization

1 Liberty Ledge

d. Street Address

Sudbury

e. City/Town

617-571-6743

h. Phone Number

i. Fax Number

MA

f. State

01776

g. Zip Code

scott@kenwood-evergreen.com

j. Email Address

3. Property owner (required if different from applicant):

☐ Check if more than one owner

Henry

a. First Name

Hayes, Jr

b. Last Name

Town of Sudbury - Town Manager

c. Organization

322 Concord Road

d. Street Address

Sudbury

e. City/Town

978-639-3381

h. Phone Number

978-443-0756

i. Fax Number

MA

f. State

01776

g. Zip Code

HayesH@sudbury.ma.us

j. Email address

4. Representative (if any):

Dominic

a. First Name

Meringolo

b. Last Name

SOLitude Lake Management

c. Company

590 Lake Street

d. Street Address

Shrewsbury

e. City/Town

508-865-1000

h. Phone Number

i. Fax Number

MA

f. State

01545

g. Zip Code

dmeringolo@solitudelake.com

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid

b. State Fee Paid

c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

A. General Information (continued)

6. General Project Description:

The applicant is seeking approval to initiate an Aquatic Management Program for two ponds on the camp property to improve and maintain open water habitat, desirable water quality, and provide safe recreational access. The applicant is looking to achieve this through regular monitoring supplemented by aeration, hydro-raking, nutrient remediation, use of beneficial bacteria/enzyme products and the prudent use of USEPA/MA DAR registered herbicides and algaecides.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|-----------------------------------------------------------------------|-----------------------------------------------------------|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input checked="" type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☒ Yes ☐ No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)
- Ecological Restoration Limited Project Inland 310 CMR 10.53(4)**

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR 10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

a. County

b. Certificate # (if registered land)

c. Book

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number _____

Document Transaction Number
Sudbury _____

City/Town _____

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet _____	2. linear feet _____
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet _____ 122,187	2. square feet _____ 0
c. <input checked="" type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet _____ 0 3. cubic yards dredged _____	2. square feet _____

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____ 3. cubic feet of flood storage lost _____	2. square feet _____ 4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet _____ 2. cubic feet of flood storage lost _____	3. cubic feet replaced _____
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - specify coastal or inland _____	

2. Width of Riverfront Area (check one):

- ☐ 25 ft. - Designated Densely Developed Areas only
- ☐ 100 ft. - New agricultural projects only
- ☐ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project:

_____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet _____

b. square feet within 100 ft. _____

c. square feet between 100 ft. and 200 ft. _____

5. Has an alternatives analysis been done and is it attached to this NOI?

☐ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996?

☐ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number _____

Document Transaction Number _____

Sudbury _____

City/Town _____

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet _____ 2. cubic yards dredged _____	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet _____	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet _____	
h. <input type="checkbox"/> Salt Marshes	1. square feet _____	2. sq ft restoration, rehab., creation _____
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet _____	
	2. cubic yards dredged _____	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet _____	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged _____	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet _____	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here. _____	
	a. square feet of BVW _____	b. square feet of Salt Marsh _____
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings _____	b. number of replacement stream crossings _____



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number _____

Document Transaction Number _____

Sudbury

City/Town

C. Other Applicable Standards and Requirements

- ☒ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- a. ☐ Yes ☒ No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

- b. Date of map _____

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review*

1. ☐ Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage _____

(b) outside Resource Area

percentage/acreage _____

2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) ☐ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number _____

Document Transaction Number _____

Sudbury _____

City/Town _____

C. Other Applicable Standards and Requirements (cont'd)

- (c) ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

*Projects altering **10 or more acres** of land, also submit:*

- (d) ☐ Vegetation cover type map of site
- (e) ☐ Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

- a. ☒ Not applicable – project is in inland resource area only b. ☐ Yes ☐ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

C. Other Applicable Standards and Requirements (cont'd)

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. ☐ Yes ☒ No

If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC

5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☐ No

6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

a. ☐ Yes ☐ No

7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
2. ☐ A portion of the site constitutes redevelopment
3. ☐ Proprietary BMPs are included in the Stormwater Management System.

b. ☐ No. Check why the project is exempt:

1. ☐ Single-family house
2. ☐ Emergency road repair
3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

☒ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☐ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☐ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Aquatic Plant Management Camp Sewataro Notice of Intent Application

a. Plan Title

SOLitude Lake Management

SOLitude Lake Management

b. Prepared By

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. ☒ Attach NOI Wetland Fee Transmittal Form
9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☒ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

03/21/22

1. Signature of Applicant

2. Date

03/22/22

Henry L. Hayes, Jr. (Mar 22, 2022 09:25 EDT)

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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



A. Applicant Information

1. Location of Project:

1 Liberty Ledge

Sudbury

a. Street Address

b. City/Town

c. Check number

d. Fee amount

2. Applicant Mailing Address:

Scott

Brody

a. First Name

b. Last Name

Camp Sewataro

c. Organization

1 Liberty Ledge

d. Mailing Address

Sudbury

MA

01776

e. City/Town

f. State

g. Zip Code

617-571-6743

scott@kenwood-evergreen.com

h. Phone Number

i. Fax Number

j. Email Address

3. Property Owner (if different):

Henry

Hayes, Jr

a. First Name

b. Last Name

Town of Sudbury - Town Manager

c. Organization

322 Concord Road

d. Mailing Address

Sudbury

MA

01776

e. City/Town

f. State

g. Zip Code

978-639-3381

978-443-0756

HayesH@sudbury.ma.us

h. Phone Number

i. Fax Number

j. Email Address

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 2e			

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee: _____ a. Total Fee from Step 5

State share of filing Fee: _____ b. 1/2 Total Fee **less** \$12.50

City/Town share of filing Fee: _____ c. 1/2 Total Fee **plus** \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

Eligibility Checklist

This Ecological Restoration Limited Project Eligibility Checklist guides the applicant in determining if their project is eligible to file as an Inland or Coastal Ecological Restoration Limited Project (310 CMR 10.53(4) or 310 CMR 10.24(8) respectively). These criteria must be met when submitting the Ecological Restoration Limited Project Notice of Intent to ensure that the restoration and improvement of the natural capacity of a Resource Area(s) to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

Important:

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



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

Regulatory Features of All Coastal and Inland Ecological Restoration Limited Projects

- (a) May result in the temporary or permanent loss of/or conversion of Resource Area: An Ecological Restoration Limited Project that meets the requirements of 310 CMR 10.24(8) may result in the temporary or permanent loss of Resource Areas and/or the conversion of one Resource Area to another when such loss is necessary to the achievement of the project's ecological restoration goals.
- (b) Exemption from wildlife habitat evaluation: A NOI for an Ecological Restoration Limited Project that meets the minimum requirements for Ecological Restoration Projects and for a MassDEP Combined Application outlined in 310 CMR 10.12(1) and (2) is exempt from providing a wildlife habitat evaluation (310 CMR 10.60).
- (c) The following are considerations for applicants filing an Ecological Restoration Limited Project NOI and for the issuing authority approving a project as an Ecological Restoration Limited Project:
- ☒ The condition of existing and historic Resource Areas proposed for restoration.
 - ☒ Evidence of the extent and severity of the impairment(s) that reduce the capacity of the Resource Areas to protect and sustain the interests identified in M.G.L. c. 131, § 40.
 - ☒ The magnitude and significance of the benefits of the Ecological Restoration Project in improving the capacity of the affected Resource Areas to protect and sustain the other interests identified in M.G.L. c. 131, § 40.
 - ☒ The magnitude and significance of the impacts of the Ecological Restoration Project on existing Resource Areas that may be modified, converted and/or lost and the interests for which said Resource Areas are presumed significant in 310 CMR 10.00, and the extent to which the project will:
 - a. avoid adverse impacts to Resource Areas and the interests identified in M.G.L. c. 131, § 40, that can be avoided without impeding the achievement of the project's ecological restoration goals.
 - b. minimize adverse impacts to Resource Areas and the interests identified in M.G.L. c. 131, § 40, that are necessary to the achievement of the project's ecological restoration goals.
 - c. utilize best management practices such as erosion and siltation controls and proper construction sequencing to avoid and minimize adverse construction impacts to resource areas and the interests identified in M.G.L. c. 131, § 40.



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8))

Complete this Eligibility Criteria Checklist **before** filling out a Notice of Intent Application to determine if your project qualifies as a Coastal Ecological Restoration Limited Project. (310 CMR 10.24(8)) Sign the Eligibility Certification at the end of Appendix A, and attach the checklist with supporting documentation and the Eligibility Certification to your Notice of Intent Application.

General Eligibility Criteria for All Coastal Ecological Restoration Limited Projects

Notwithstanding the requirements of 310 CMR 10.25 through 10.35, 310 CMR 10.54 through 10.58, and the Wildlife Habitat evaluations in 310 CMR 10.60, the Issuing Authority may issue an Order of Conditions permitting an Ecological Restoration Project listed in 310 CMR 10.24(8)(e) as an Ecological Restoration Limited Project and impose such conditions as will contribute to the interests identified in the WPA M.G.L. provided that the project meets all the requirements in 310 CMR 10.24 (8).

- ☐ The project is an Ecological Restoration Project as defined in 310 CMR 10.04 and is a project type listed below [310 CMR 10.24(8)(e)].
- ☐ Tidal Restoration.
- ☐ Shellfish Habitat Restoration.
- ☐ Other Ecological Restoration Limited Project Type.
- ☐ The project will further at least one of the WPA (M.G.L. c. 131, § 40) interests identified below.
 - ☐ Protection of public or private water supply.
 - ☐ Protection of ground water supply.
 - ☐ Flood control.
 - ☐ Storm damage prevention.
 - ☐ Prevention of pollution.
 - ☐ Protection of land containing shellfish.
 - ☐ Protection of fisheries.
 - ☐ Protection of wildlife habitat.
- ☐ If the project will impact an area located within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands, a NHESP preliminary written determination is attached to the NOI submittal that the project will not have any adverse long-term and short-term effects on specified habitat sites of Rare Species or the project will be carried out in accordance with an approved NHESP habitat management plan.



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

General Eligibility Criteria for All Coastal Ecological Restoration Limited Projects (cont.)

- ☐ If the project is located in a Coastal Dune or Barrier Beach, the project avoids and minimizes armoring of the Coastal Dune or Barrier Beach to the maximum extent practicable.
- ☐ The project complies with all applicable provisions of 310 CMR 10.24(1) through (6) and 310 CMR 10.24(9) and (10).

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

These additional criteria must be met to qualify as an Ecological Restoration Limited Project to ensure that the restoration and improvement of the natural capacity of a Resource Area to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

- ☐ This Ecological Restoration Limited Project application meets the eligibility criteria for Ecological Restoration Limited Project [310 CMR 10.24(8)(a) through (d) and as proposed, furthers at least one of the WPA interests is for the project type identified below.
 - ☐ **Tidal Restoration Projects**
 - ☐ A project to restore tidal flow that will not significantly increase flooding or storm damage impacts to the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure.
 - ☐ **Shellfish Habitat Restoration Projects**
 - ☐ The project has received a Special Projects Permit from the Division of Marine Fisheries or, if a municipality, has received a shellfish propagation permit.
 - ☐ The project is made of cultch (e.g., shellfish shells from oyster, surf or ocean clam) or is a structure manufactured specifically for shellfish enhancement (e.g., reef blocks, reef balls, racks, floats, rafts, suspended gear).
 - ☐ **Other Ecological Restoration Projects** that meet the criteria set forth in 310 CMR 10.24(8)(a) through (d).
 - ☐ Restoration, enhancement, or management of Rare Species habitat.
 - ☐ Restoration of hydrologic and habitat connectivity.
 - ☐ Removal of aquatic nuisance vegetation to impede eutrophication.
 - ☐ Thinning or planting of vegetation to improve habitat value.
 - ☐ Fill removal and re-grading.
 - ☐ Riparian corridor re-naturalization.
 - ☐ River floodplain re-connection.



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Coastal Ecological Restoration Limited Projects
(310 CMR 10.24(8)) (Cont.)

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

- ☐ In-stream habitat enhancement.
- ☐ Remediation of historic tidal wetland ditching.
- ☐ Eelgrass restoration.
- ☐ Invasive species management.
- ☐ Installation of fish passage structures.
- ☐ Other. Describe: _____
- ☐ This project involves the construction, repair, replacement or expansion of public or private infrastructure (310 CMR 10.24(9)).
 - ☐ The NOI attachment labeled _____ is an operation and maintenance plan to ensure that the infrastructure will continue to function as designed.
 - ☐ The operation and maintenance plan will be implemented as a continuing condition in the Order of Conditions and the Certificate of Compliance.
- ☐ This project proposes to replace an existing stream crossing (310 CMR 10.24(10)). The crossing complies with the Massachusetts Stream Crossing Standards to the maximum extent practicable with details provided in the NOI. The crossing type:
 - ☐ Replaces an existing non-tidal crossing that is part of an Anadromous/Catadromous Fish Run (310 CMR 10.35)
 - ☐ Replaces an existing tidal crossing that restricts tidal flow. The tidal restriction will be eliminated to the maximum extent practicable.
- ☐ At a minimum, in evaluating the potential to comply with the standards to the maximum extent practicable the following criteria have been considered site constraints in meeting the standard, undesirable effects or risk in meeting the standard, and the environmental benefit of meeting the standard compared to the cost, by evaluating the following:
 - ☐ The potential for downstream flooding;
 - ☐ Upstream and downstream habitat (in-stream habitat, wetlands);
 - ☐ Potential for erosion and head-cutting;
 - ☐ Stream stability;
 - ☐ Habitat fragmentation caused by the crossing;
 - ☐ The amount of stream mileage made accessible by the improvements;
 - ☐ Storm flow conveyance;



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Coastal Ecological Restoration Limited Projects
(310 CMR 10.24(8)) (Cont.)

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

- ☐ Engineering design constraints specific to the crossing;
- ☐ Hydrologic constraints specific to the crossing;
- ☐ Impacts to wetlands that would occur by improving the crossing;
- ☐ Potential to affect property and infrastructure; and
- ☐ Cost of replacement.

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4))

Complete this Eligibility Criteria Checklist **before** filling out a Notice of Intent Application to determine if your project qualifies as an Inland Ecological Restoration Limited Project. (310 CMR 10.53(4)) Sign the Eligibility Certification at the end of Appendix A, and attach the checklist with supporting documentation and the Eligibility Certification to your Notice of Intent Application.

General Eligibility Criteria for All Inland Ecological Restoration Limited Projects

Notwithstanding the requirements of any other provision of 310 CMR 10.25 through 10.35, 310 CMR 10.54 through 10.58, and 310 CMR 10.60, the Issuing Authority may issue an Order of Conditions permitting an Ecological Restoration Project listed in 310 CMR 10.53(4)(e) as an Ecological Restoration Limited Project and impose such conditions as will contribute to the interests identified in M.G.L. c. 131, § 40, provided that:

- ☒ The project is an Ecological Restoration Project as defined in 310 CMR 10.04 and is a project type listed below [310 CMR 10.53(4)(e)].
 - ☐ Dam Removal
 - ☐ Freshwater Stream Crossing Repair and Replacement
 - ☐ Stream Daylighting
 - ☐ Tidal Restoration
 - ☐ Rare Species Habitat Restoration
 - ☐ Restoring Fish Passageways
 - ☒ Other (describe project type): Aquatic Vegetation Management



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Inland Ecological Restoration Limited Project (310
CMR 10.53(4)) (cont.)

General Eligibility Criteria for All Inland Ecological Restoration Limited Projects

- ☒ The project will further at least one of the WPA (M.G.L. c. 131, § 40) interests identified below.
- ☐ Protection of public or private water supply
 - ☐ Protection of ground water supply
 - ☐ Flood control
 - ☐ Storm damage prevention
 - ☐ Prevention of pollution
 - ☐ Protection of land containing shellfish
 - ☒ Protection of fisheries
 - ☒ Protection of wildlife habitat
- ☐ If the project will impact an area located within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands, a NHESP preliminary written determination is attached to the NOI submittal that the project will have no adverse long-term and short-term effects on specified habitat sites of Rare Species or the project will be carried out in accordance with an approved NHESP habitat management plan.
- ☐ The project will be carried out in accordance with any time of year restrictions or other conditions recommended by the Division of Marine Fisheries for coastal waters and the Division of Fisheries and Wildlife in accordance with 310 CMR 10.11(3).
- ☐ If the project involves the dredging of 100 cubic yards of sediment or more or dredging of any amount in an Outstanding Resource Water, a Water Quality Certification has been applied for or obtained.
- ☒ The project complies with all applicable provisions of 310 CMR 10.53(1), (2), (7), and (8).



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

Additional Eligibility Criteria for Specific Inland Ecological Restoration Limited Project Types

These additional criteria must be met to qualify as an Ecological Restoration Limited Project to ensure that the restoration and improvement of the natural capacity of a Resource Area to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

- ☒ This project application meets the eligibility criteria for Ecological Restoration Limited Project in accordance with [310 CMR 10.53(4)(a) through (d) and as proposed, furthers at least one of the WPA interests is for the project type identified below:

☐ **Dam Removal**

- ☐ Project is consistent with MassDEP's 2007 Dam Removal Guidance.

☐ **Freshwater Stream Crossing Repair and Replacement.** The project as proposed and the NOI describes how:

- ☐ Meeting the eligibility criteria set forth in 310 CMR 10.13 would result in significant stream instability or flooding hazard that cannot otherwise be mitigated, and site constraints make it impossible to meet said criteria.
- ☐ The project design ensures that the stability of the bank is NOT impaired.
- ☐ To the maximum extent practicable, the project provides for the restoration of the stream upstream and downstream of the structure as needed to restore stream continuity and eliminate barriers to aquatic organism movement.
- ☐ The project complies with the requirements of 310 CMR 10.53(7) and (8).

☐ **Stream Daylighting Projects**

- ☐ The project meets the eligibility criteria for Ecological Restoration Limited Project [310 CMR 10.53(4)(a) through (d)] and as proposed the NOI describes how the proposed project meets to the maximum extent practicable, consistent with the project's ecological restoration goals, all the performance standards for Bank and Land Under Water Bodies and Waterways.
- ☐ The project meets the requirements of 310 CMR 10.12(1) and (2) and a wildlife habitat evaluation is not included in the NOI.

☐ **Tidal Restoration Project**

- ☐ Restores tidal flow.
- ☐ the project, including any proposed flood mitigation measures, will not significantly increase flooding or storm damage to the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure.



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

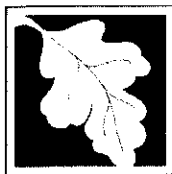
Document Transaction Number

Sudbury
City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Inland Ecological Restoration Limited Project (310
CMR 10.53(4)) (cont.)

- ☒ **Other Ecological Restoration Projects** that meet the criteria set forth in 310 CMR 10.53 (4) (a) through (d).
 - ☐ Restoration, enhancement, or management of Rare Species habitat.
 - ☐ Restoration of hydrologic and habitat connectivity.
 - ☒ Removal of aquatic nuisance vegetation to impede eutrophication.
 - ☒ Thinning or planting of vegetation to improve habitat value.
 - ☐ Riparian corridor re-naturalization.
 - ☐ River floodplain re-connection.
 - ☐ In-stream habitat enhancement.
 - ☐ Fill removal and re-grading.
 - ☐ Flow restoration.
 - ☐ Installation of fish passage structures.
 - ☒ Invasive species management.
 - ☐ Other. Describe: _____
- ☐ This project involves the construction, repair, replacement or expansion of public or private infrastructure. (310 CMR 10.53(7))
 - ☐ The NOI attachment labeled _____ is an operation and maintenance plan to ensure that the infrastructure will continue to function as designed.
 - ☐ The operation and maintenance plan will be implemented as a continuing condition in the Order of Conditions and the Certificate of Compliance.
- ☐ This project replaces an existing stream crossing (310 CMR 10.53(8)). The crossing type:
 - ☐ Replaces an existing non-tidal crossing designed to comply with the Massachusetts Stream Crossing Standards to the maximum extent practicable with details provided in the NOI.
 - ☐ Replaces an existing tidal crossing that restricts tidal flow. The tidal restriction will be eliminated to the maximum extent practicable.



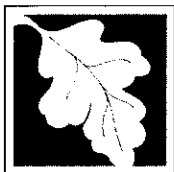
WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

- ☐ At a minimum, in evaluating the potential to comply with the standards to the maximum extent practicable the following criteria have been consider site constraints in meeting the standard, undesirable effects or risk in meeting the standard, and the environmental benefit of meeting the standard compared to the cost, by evaluating the following:
 - ☐ The potential for downstream flooding;
 - ☐ Upstream and downstream habitat (in-stream habitat, wetlands);
 - ☐ Potential for erosion and head-cutting;
 - ☐ Stream stability;
 - ☐ Habitat fragmentation caused by the crossing;
 - ☐ The amount of stream mileage made accessible by the improvements;
 - ☐ Storm flow conveyance;
 - ☐ Engineering design constraints specific to the crossing;
 - ☐ Hydrologic constraints specific to the crossing;
 - ☐ Impacts to wetlands that would occur by improving the crossing;
 - ☐ Potential to affect property and infrastructure; and
 - ☐ Cost of replacement.



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Required Actions (310 CMR 10.11)

Complete the Required Actions before submitting a Notice of Intent Application for an Ecological Restoration Project and submit a completed copy of this Checklist with the Notice of Intent.

- ☒ **Massachusetts Environmental Policy Act (MEPA) / Environmental Monitor**
<http://www.mass.gov/eea/agencies/mepa/submitting-notice-to-the-environmental-monitor.html>

For Ecological Restoration Limited Projects, there are no changes to MEPA requirements.

- ☒ Submit written notification at least 14 days prior to the filing of a Notice of Intent (NOI) to the Environmental Monitor for publication. A copy of the written notification is attached and provides at minimum:
- ☒ A brief description of the proposed project.
 - ☒ The anticipated NOI submission date to the conservation commission.
 - ☒ The name and address of the conservation commission that will review the NOI.
 - ☒ Specific details as to where copies of the NOI may be examined or acquired and where to obtain the date, time, and location of the public hearing.

☐ **Massachusetts Endangered Species Act (MESA) /Wetlands Protection Act Review**

- ☐ Preliminary Massachusetts Endangered Species Act Review from the Natural Heritage and Endangered Species Program (NHESP) has been met and the written determination is attached.

- ☐ Supplemental Information for Endangered Species Review has been submitted.

1. ☐ Percentage/acreage of property to be altered:

- a. Within Wetland Resource Area

Percentage/acreage

- b. Outside Wetland Resource Area

Percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work.

4. ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

5. ☐ Photographs representative of the site

6. ☐ MESA filing fee (fee information available at

http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa fee schedule.htm)



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Required Actions (310 CMR 10.11) (cont.)

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Make check payable to "Commonwealth of Massachusetts - NHESP" and mail to NHESP:

Natural Heritage & Endangered Species Program

MA Division of Fisheries & Wildlife

1 Rabbit Hill Road

Westborough, MA 01581

7. Projects altering 10 or more acres of land, also submit:

- a. ☐ Vegetation cover type map of site
- b. ☐ Project plans showing Priority & Estimated Habitat boundaries

OR Check One of the Following:

1. ☐ Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59 – see C4 below)

2. ☐ Separate MESA review ongoing.

a. NHESP Tracking #

b. Date submitted to NHESP

3. ☐ Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

☒ Estimated Habitat Map of State-Listed Rare Wetlands Wildlife

If a portion of the proposed project is located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP), complete the portion below. To view habitat maps, see the **Massachusetts Natural Heritage Atlas** or view the maps electronically at: <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review>

☐ A preliminary written determination from Natural Heritage and Endangered Species Program (NHESP) must be obtained indicating that:

☐ Project will NOT have long- or short-term adverse effect on the actual Resource Area located within estimated habitat indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife published by NHESP.

☐ Project will have long- or short-term adverse effect on the actual Resource Area located within estimated habitat indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife published by NHESP. A copy of NHESP's written preliminary determination in accordance with 310 CMR 10.11(2) is attached. This specifies:

☐ Date of the map: _____



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Required Actions (310 CMR 10.11) (cont.)

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

- ☐ If the Rare Species identified is/are likely to continue to be located on or near the project, and if so, whether the Resource Area to be altered is in fact part of the habitat of the Rare Species.
- ☐ That if the project alters Resource Area(s) within the habitat of a Rare Species:
- ☐ The Rare Species is identified;
- ☐ NHESP's recommended changes or conditions necessary to ensure that the project will have no short or long term adverse effect on the habitat of the local population of the Rare Species is provided; or
- ☐ An approved NHESP habitat management plan is attached with this Notice of Intent.

Send the request for a preliminary determination to:
Natural Heritage & Endangered Species Program
MA Division of Fisheries & Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

☐ **Division of Marine Fisheries**

- ☐ If the project will occur within a coastal waterbody with a restricted Time of Year, [see Appendix B of the Division of Marine Fisheries (DMF) Technical Report TR 47 "Marine Fisheries Time of Year Restrictions (TOYs) for Coastal Alteration Projects" dated April 2011 <http://www.nae.usace.army.mil/Portals/74/docs/regulatory/StateGeneralPermits/NEGP/MADMFTTR-47.pdf>].
- ☐ Obtain a DMF written determination stating:
 - ☐ The proposed work does NOT require a TOY restriction.
 - ☐ The proposed work requires a TOY restriction. Specific recommended TOY restriction and recommended conditions on the proposed work is attached.
- ☐ If the project may affect a diadromous fish run [re: Division of Marine Fisheries (DMF) Technical Reports TR 15 through 18, dated 2004: <http://www.mass.gov/eea/agencies/dfg/dmf/publications/technical.html>]
- ☐ Obtain a DMF written determination stating:
 - ☐ The design specifications and operational plan for the project are compatible with the passage requirements of the fish run.
 - ☐ The design specifications and operational plan for the project are not compatible with the passage requirements of the fish run.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury
City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Required Actions (310 CMR 10.11) (cont.)

Send the request for a written or electronic determination to:

South Shore – Cohasset to Rhode Island border,
and the Cape & Islands:

Division of Marine Fisheries –
South Coast Field Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore – Hull to New Hampshire border:

Division of Marine Fisheries –
North Shore Field Station
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

☐ **Division of Fisheries and Wildlife** – <http://www.mass.gov/eea/agencies/dfg/dfw/>

- ☐ Projects that involve silt-generating, in-water work that will impact a non-tidal perennial river or stream and the in-water work will not occur between May 1 and August 30.
 - ☐ Obtain a written determination from the Division of Fisheries and Wildlife (DFW) as to whether the proposed work requires a TOY restriction.
 - ☐ The proposed work does NOT require a TOY restriction.
 - ☐ The proposed work requires a TOY restriction. The DFW determination with TOY restriction and other conditions is attached.

☐ **MassDEP Water Quality Certification**

- ☐ Project involves dredging of 100 cubic yards or more in a Resource Area or dredging of any amount in an Outstanding Resource Water (ORW). A copy and proof of the MassDEP Water Quality Certification pursuant to 314 CMR 9.00 is attached to the NOI.
- ☐ This project is a Combined Permit Application for 401 Dredging and Restoration (BRP WW 26).

☐ **MassDEP Wetlands Restriction Order**

Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

☐ Yes ☒ No

☒ **Department of Conservation and Recreation**

Office of Dam Safety

- ☐ For Dam Removal Projects, obtain a written determination from the Department of Conservation and Recreation Office of Dam Safety that the dam is not subject to the jurisdiction of the Office under 302 CMR 10.00, a written determination that the dam removal does not require a permit under 302 CMR 10.00 or a permit authorizing the dam removal in accordance with 302 CMR 10.00 has been issued.



WPA Form 3 – Notice of Intent

Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Required Actions (310 CMR 10.11) (cont.)

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Areas of Critical Environmental Concern (ACECs)

Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

☐ Yes ☐ No

If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations).

Name of ACEC

Minimum Required Documents (310 CMR 10.12)

Complete the Required Documents Checklist below and provide supporting materials before submitting a Notice of Intent Application for an Ecological Restoration Project.

☒ This Notice of Intent meets all applicable requirements outlined in for Ecological Restoration Projects in 310 CMR 10.12. Use the checklist below to insure that all documentation is included with the NOI.

At a minimum, a Notice of Intent for an Ecological Restoration Project shall include the following:

- ☒ Description of the project's ecological restoration goals;
- ☒ The location of the Ecological Restoration Project;
- ☒ Description of the construction sequence for completing the project;
- ☒ A map of the Areas Subject to Protection Under M.G.L. c. 131, § 40, that will be temporarily or permanently altered by the project or include habitat for Rare Species, Habitat of Potential Regional and Statewide Importance, eel grass beds, or Shellfish Suitability Areas.
- ☒ The method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.) is attached with documentation methodology.
- ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Aquatic Plant Management Program Camp Sewataro Notice of Intent

a. Plan Title

SOLitude Lake Management

SOLitude Lake Management

b. Prepared by

c. Signed and Stamped by

d. Final Revision Date

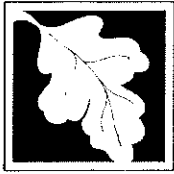
e. Scale

f. Additional Plan or Document Title

g. Date

☐ If there is more than one property owner, attach a list of these property owners not listed on this form.

☒ Attach NOI Wetland Fee Transmittal Form.



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

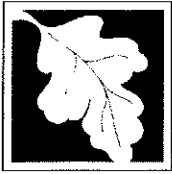
Document Transaction Number

Sudbury
City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Minimum Required Documents (310 CMR 10.12)

- ☐ An evaluation of any flood impacts that may affect the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure as well as any proposed flood impact mitigation measures;
- ☐ A plan for invasive species prevention and control;
- ☐ The Natural Heritage and Endangered Species Program written determination in accordance with 310 CMR 10.11(2), if needed;
- ☐ Any Time of Year restrictions and/or other conditions recommended by the Division of Marine Fisheries or the Division of Fisheries and Wildlife in accordance with 310 CMR 10.11(3), (4), (5), if needed;
- ☐ Proof that notice was published in the Environmental Monitor as required by 310 CMR 10.11(1);
- ☐ A certification by the applicant under the penalties of perjury that the project meets the eligibility criteria set forth in 310 CMR 10.13;
- ☐ If the Ecological Restoration Project involves the construction, repair, replacement or expansion of infrastructure, an operation and maintenance plan to ensure that the infrastructure will continue to function as designed;
- ☐ If the project involves dredging of 100 cubic yards or more or dredging of any amount in an Outstanding Resource Water, a Water Quality Certification issued by the Department pursuant to 314 CMR 9.00;
- ☐ If the Ecological Restoration Project involves work on a stream crossing, information sufficient to make the showing required by 310 CMR 10.24(10) for work in a coastal resource area and 310 CMR 10.53(8) for work in an inland resource area; and
- ☐ If the Ecological Restoration Project involves work on a stream crossing, baseline photo-points that capture longitudinal views of the crossing inlet, the crossing outlet and the upstream and downstream channel beds during low flow conditions. The latitude and longitude coordinates of the photo-points shall be included in the baseline data.
- ☐ This project is subject to provisions of the MassDEP Stormwater Management Standards. A copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) is attached.
- ☐ Provide information as to whether the project has the potential to impact private water supply wells including agricultural or aquacultural wells or surface water withdrawal points.



WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited
Project Checklists

MassDEP File Number

Document Transaction Number

Sudbury

City/Town

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Certification that the Ecological Restoration Project Meets the
Eligibility Criteria

I hereby certify under penalties of perjury that the Ecological Restoration Project Notice of Intent application does not meet the Eligibility criteria for an Ecological Restoration Order of Conditions set forth in 310 CMR 10.13, but does meet the Eligibility Criteria for a Ecological Restoration Limited Project set forth in 10.24(8) or 10.53(4) whichever is applicable. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Signature of Applicant or Authorized Agent
Scott Brody

03/21/22

Printed Name of Applicant or Authorized Agent

Date

The certification must be signed by the applicant; however, it may be signed by a duly authorized agent (named in Item 2) if this form is accompanied by a statement by the applicant designating the agent and agreeing to furnish upon request, supplemental information in support of the application.



ATTACHMENT A

Abutter Notification

To: The Environmental Monitor

From: SŌlitude Lake Management

Date: March 21, 2022

Re: Notification of filing an NOI for Woods Pond

Anticipated date of submission: March 25, 2022

The proposed project is seeking approval to initiate an Aquatic Management Program at Camp Sewataro in Sudbury, MA. USEPA/State registered herbicides and algaecides will be applied/used to manage invasive aquatic vegetation to protect the interests of the Wetlands Protection Act by impeding eutrophication and improving habitat value.

Reviewing Conservation Commission(s):

Sudbury Conservation Commission
Department of Public Works Building
275 Old Lancaster Road
Sudbury, MA 01776

Copies of the NOI may be examined or acquired from the Conservation Commission, or by contacting the applicant's representative, SŌlitude Lake Management, at info@solitudelake.com, or 508-865-1000, Monday and Friday between 9AM and 4PM.

See Conservation Commission website for the meeting schedule for exact dates and agendas.



AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act I, Mary Nickerson, hereby certify under the pains and penalty of perjury that on March 24,, 2022, I mailed a Notification to Abutters in compliance with the second paragraph of the Massachusetts General Laws, Chapter 131, s.40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent was filed under the Massachusetts Wetlands Protection Act by SÖLitude Lake Management with the Sudbury Conservation Commission on March 24, 2022, for an Aquatic Management Program at Camp Sewataro Ponds in Sudbury, MA.

This form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.

Mary Nickerson
Name

March 24, 2022
Date

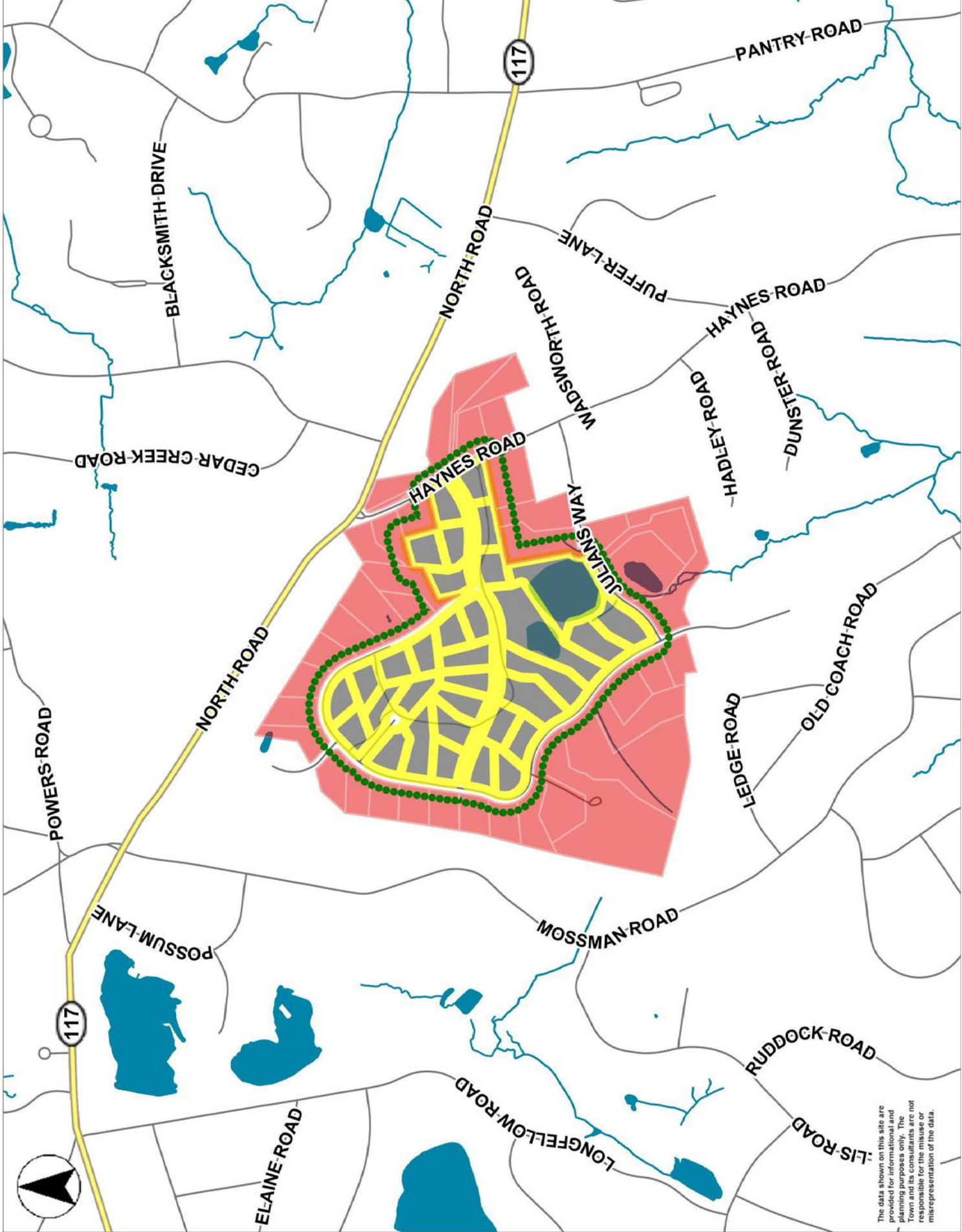
abutters_id_field	abutters_owner1	abutters_owner2	abutters_address	abutters_address2	abutters_town	abutters_state	abutters_zip	abutters_bookpage	abutters_location
D08-0502	MORTON CHARLES INGALLS IV &	FRICK LAUREN ELIZABETH TRS	35 JULIAN'S WAY		SUDBURY	MA	01776	74057-287	35 JULIAN'S WAY
D08-0503	MYRON ROBERT & HEATHER		39 JULIAN'S WAY		SUDBURY	MA	01776	50524-115	39 JULIAN'S WAY
D08-0504	DALLAS MATTHEW & MARY		164 GREYSTONE LN		SUDBURY	MA	01776	75329-294	164 GREYSTONE LN
D08-0513	GREENBERG CHARLES J & DOROTHY B	TRUSTEES OF GREYSTONE NOMINEE	163 GREYSTONE LN		SUDBURY	MA	01776	39663-425	163 GREYSTONE LN
D08-0514	SANZONE ROBERT & LYNN		155 GREYSTONE LN		SUDBURY	MA	01776	73782-415	155 GREYSTONE LN
D08-0516	OPPENHEIM MARK J & MCALLEY	BONNIE L	141 GREYSTONE LANE		SUDBURY	MA	01776	65661-295	141 GREYSTONE LN
D08-0523	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541-408	GREYSTONE LN
D08-0524	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541 -408	JULIAN'S WAY
D08-0042	GILBERT JONATHAN M& MADALINE A		243 HAYNES ROAD		SUDBURY	MA	01776	61904-314	243 HAYNES RD
C08-0043	DISTEFANO FREDERICK M JR &	DISTEFANO COURTNEY G	235 HAYNES RD		SUDBURY	MA	01776	71128-150	235 HAYNES RD
C08-0044	GILBERTO RONALD V & KATHLEEN K		225 HAYNES ROAD		SUDBURY	MA	01776	35163-595	225 HAYNES RD
C08-0113	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY RD		SUDBURY	MA	01776	1551-38	LIBERTY LEDGE
C08-0114	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY RD		SUDBURY	MA	01776	1551-38	LIBERTY LEDGE
C08-0115	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541-408	LIBERTY LEDGE
C08-0115-A	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551-38	LIBERTY LEDGE
C08-0116	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541- 408	LIBERTY LEDGE
C08-0117	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY RD		SUDBURY	MA	01776	1551-38	2 LIBERTY LEDGE
C08-0118	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551-38	3 LIBERTY LEDGE
C08-0119	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY		SUDBURY	MA	01776	1551 -38	LIBERTY LEDGE
C08-0120	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0121	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0134	RONAN JOHN J IV & LYND SAY		101 GREYSTONE LN		SUDBURY	MA	01776	1546-12	101 GREYSTONE LN
C08-0135	KNIGHTLY JOHN D & LAURA G		95 GREYSTONE LN		SUDBURY	MA	01776	1454-101	95 GREYSTONE LN
C08-0136	AYER JOHN B & DEBORAH P		87 GREYSTONE LANE		SUDBURY	MA	01776	1286-113	87 GREYSTONE LN
C08-0137	ALFILLE PAUL H & SHAPIRO LAURI E E		81 GREYSTONE LN		SUDBURY	MA	01776	204238	81 GREYSTONE LN
C08-0138	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541-408	GREYSTONE LN
C08-0139	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	LIBERTY LEDGE
C08-0140	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	LIBERTY LEDGE
C08-0141	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	4 LIBERTY LEDGE
C08-0142	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	LIBERTY LEDGE
C08-0143	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	1 LIBERTY LEDGE
C08-0144	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	LIBERTY LEDGE
C08-0145	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0146	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0147	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0148	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0149	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0150	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	GREYSTONE LN
C08-0151	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	BITTERSWEET CIR
C08-0152	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	BITTERSWEET CIR
C08-0154	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541-408	BITTERSWEET CIR
C08-0156	KNIGHTLY STEPHEN M & ANGELA E		49 GREYSTONE LN		SUDBURY	MA	01776	1342-129	49 GREYSTONE LN
C08-0157	MOORAJ HUSSAIN & JESSICA		43 GREYSTONE LN		SUDBURY	MA	01776	1545-97	43 GREYSTONE LN
C08-0158	MUNROE SCOTT W & STACY S		37 GREYSTONE LANE		SUDBURY	MA	01776	1492-61	37 GREYSTONE LN
C08-0159	TAYLOR MARK	TRUSTEE OF THE MARK TAYLOR	25 GREYSTONE LN		SUDBURY	MA	01776	1553-84	GREYSTONE LN
C08-0160	TAYLOR MARK & TAYLOR GODDARD	M JANETTE TRUSTEES MARK TAYLOR	25 GREYSTONE LN		SUDBURY	MA	01776	1505-38	25 GREYSTONE LN
C08-0161	TAYLOR MARK & TAYLOR GODDARD	M JANETTE TRUSTEES MARK TAYLOR	25 GREYSTONE LN		SUDBURY	MA	01776	1505-38	GREYSTONE LN
C08-0162	TAYLOR MARK & TAYLOR GODDARD	M JANETTE TRUSTEES MARK TAYLOR	25 GREYSTONE LN		SUDBURY	MA	01776	1505-38	GREYSTONE LN
C08-0163	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	6 LIBERTY LEDGE
C08-0164	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	LIBERTY LEDGE
C08-0166	STEVENSON WILLIAM D &	JACQUELINE C	135 GREYSTONE LANE		SUDBURY	MA	01776	63095-50	135 GREYSTONE LN
C08-0167	VAN STEENBURG JENNIFER		125 GREYSTONE LANE		SUDBURY	MA	01776	50702-29	125 GREYSTONE LN
C08-0168	KARMAN JAMES B & SANDRA A		115 GREYSTONE LANE		SUDBURY	MA	01776	200985	115 GREYSTONE LN
C08-0169	MEHTA PARAS G		105 GREYSTONE LN		SUDBURY	MA	01776	1509-65	105 GREYSTONE LN
C08-0501	BRADLEY ALEXIS & ROBIN		27 JULIAN'S WAY		SUDBURY	MA	01776	75483-508	27 JULIAN'S WAY
C08-0502	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541-408	LIBERTY LEDGE
C08-0515	SAMPLE WILLIAM J & KAREN F		145 GREYSTONE LN		SUDBURY	MA	01776	67636-547	145 GREYSTONE LN
C08-0521	RAINES JASON W		73 GREYSTONE LN		SUDBURY	MA	01776	68194-12	73 GREYSTONE LN
C08-0522	KLINGER JOHN J & JULIE M TRS	GREYSTONE LANE REALTY TRUST	67 GREYSTONE LN		SUDBURY	MA	01776	79647-285	67 GREYSTONE LN
C08-0601	WHITLEDGE WILLIAM H & HOLLY D		4 COBBLESTONE PL		SUDBURY	MA	01776	1308-85	4 COBBLESTONE PL
C08-0606	TARINI MARK A & GERALDINE N		5 COBBLESTONE PL		SUDBURY	MA	01776	1426-111	5 COBBLESTONE PL
C09-0002	CUNNINGHAM KENNETH E TRS	THE 201 HAYNES ROAD REALTY TR	201 BEECH ST		ROSLINDALE	MA	02131	1480-124	201 HAYNES RD
C09-0006	VIDOS DIMITRIOS &	KALOUDI EVANGELIA	204 HAYNES RD		SUDBURY	MA	01776	1530-100	204 HAYNES RD
C09-0007	CASWELL GEORGE &	JOHNSTON LAURA	196 HAYNES RD		SUDBURY	MA	01776	1534-91	196 HAYNES RD
C09-0042	KOSS SHARON M &	MARDEN ANDREA LEIGH	22 JULIANS WAY		SUDBURY	MA	01776	1572-68	22 JULIAN'S WAY
C09-0044	MARCHIONNI MARK ANDREW &	DAWKINS CHANTEL	28 JULIANS WAY		SUDBURY	MA	01776	78906-361	28 JULIAN'S WAY
C09-0107	HU ZHONGWEI & DONG GUOZHEN		230 HAYNES ROAD		SUDBURY	MA	01776	1403-76	230 HAYNES RD
C09-0108	OTOOLE BRIAN & KATHERINE		220 HAYNES RD		SUDBURY	MA	01776	1475-111	220 HAYNES RD
C09-0109	WAGENAAR TIMOTHY &	GREBE KRISTIE	216 HAYNES RD		SUDBURY	MA	01776	1529-11	216 HAYNES RD

abutters_id_field	abutters_owner1	abutters_owner2	abutters_address	abutters_address2	abutters_town	abutters_state	abutters_zip	abutters_bookpage	abutters_location
C09-0110	CHARTOFF SETH P & ALLISON J		210 HAYNES ROAD		SUDBURY	MA	01776	1565-82	210 HAYNES RD
C09-0112	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	1551 -38	213 HAYNES RD
C09-0165	TOWN OF SUDBURY	C/O BOARD OF SELECTMEN	278 OLD SUDBURY ROAD		SUDBURY	MA	01776	73541 -408	LIBERTY LEDGE



MA Highways
Interstate
US Highway
Numbered Routes
Town Boundary

Bridges
Driveways
Parking Lots
Medians
Sidewalks
Curbs
Roads
Paved Roads
UnPaved Roads
Buildings
Parcels
Scenic Roads
Streams Ortho
Streams CIR
Lake/Reservoir
Streets



The data shown on this site are provided for informational and planning purposes only. The Town and its consultants are not responsible for the misuse or misrepresentation of the data.



ATTACHMENT B

Project Description

1.0 Introduction

The “Applicant”, Camp Sewataro, is seeking approval to initiate an Aquatic Management Program for the two ponds (Swimming Pond, Fishing/Boating Pond) on the camp property. The objective of the management program is to improve and maintain open water habitat, maintain desirable water quality, and provide safe recreational access to the ponds. Based on the existing conditions of the ponds, it has been concluded the restoration/maintenance goals of the Applicant can best be achieved through regular monitoring, aeration, nutrient remediation, use of beneficial bacteria/enzyme products and the prudent use of USEPA/MA DAR registered algacides.

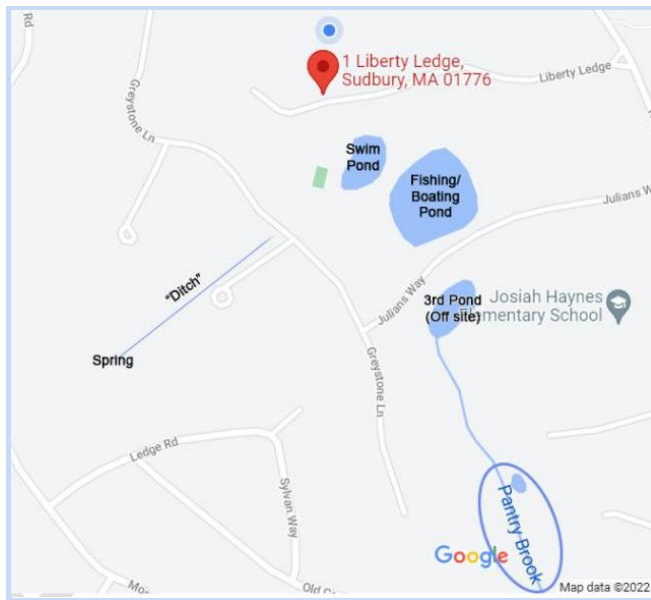
The proposed project has been filed as an Ecological Restoration Limited Project under 310 CMR 10.53(4) and will protect the interest of the Wetland Protection Act by maintaining a balanced presence of native vegetation, maintaining fish habitat, improving water quality, managing algae/cyanobacteria growth and slowing pond eutrophication.¹

2.0 Site Description & Pond Characteristics

The Camp Sewataro property is home to two man-made ponds that were built in the late 1940's. One is used for fishing/boating, the other for swimming. The ponds are fed by groundwater as well as a spring located across the road from the property, on the other side of Greystone Lane. The spring dries up during the summer months. The spring water flows to a manhole located in the “tent area” on the southwest side of the Sewataro property. Here, the spring water can be diverted to either pond. Because runoff from an adjacent wetland can, at times, contain large amounts of silt and sediment, the spring water is usually diverted to the boating pond where the sediment settles out before it is pumped to the swimming pond. Water from the swimming pond then flows over a spillway and down an embankment of rocks where it is aerated before returning to the boating pond.

Because the Spring dries up during the summer, runoff from the grounds of Sewataro help maintain the water level in the boating pond. The overflow from that pond flows offsite to a third pond (off Julian's Way which is now part of the Liberty Hill subdivision drainage system). That pond was originally part of the Sewataro property and was constructed to help maintain water levels in the swimming and boating ponds. Depending on summer rainfall, the water level in the boating pond can drop as much as 22”.

¹ Department of Environmental Protection. Guidance for Aquatic Plant Management in Lake and Ponds as it Relates to the Wetlands Protection Act: April 2004, 1 p.



The **swimming pond** is $\frac{3}{4}$ of an acre, ranging in depth up to 9 feet. The sides are gunite-lined. It has a drain and sand bottom and a sand beach on one side. The swim pond can be filled with water from the spring or by water pumped from the fishing/boating pond (this method is used most). The drain can empty water into the boating pond or bypass it and discharge the water next to the boating pond spillway where the water leaves the site. The primary concern with the swimming pond is water quality, clarity and color due to suspended solids and algal growth.

The **fishing/boating pond** is approximately 3 acres, ranging in depth up to 12' feet.

Periodically the level is lowered to clean out the

sides and on occasion maintain the placement of large stones 8 - 12" diameter along the banks. Management concerns for the fishing/boating pond are excessive weed/algae growth, buildup of organic matter and water quality.

The "**ditch**" is the area (approximately 500' long) on the other side of Greystone Lane that contains the flow of water from the Spring to the Camp. The ditch is on private property, however, the camp (town) has two maintenance easements (one with 10' on either side of the ditch, and a second for an additional 30' on the north side).

Water from the pond system exits the site from the fishing/boating pond to Pantry Brook which eventually joins the Sudbury River. A comprehensive baseline assessment of the ponds is planned for 2022, which will include the following elements.

- Detailed Vegetation Survey - Survey will employ a quantitative approach in the early summer. At each point of reference, the following data will be collected: presence of aquatic plants, species density and relative density. This survey can be used over multiple years to assess whole-pond plant assemblage change over time. The survey will be performed from a motored jon-boat with an underwater camera system (Aqua-vu) in addition to the throw-rake to further enhance point-intercept observations.
- Water Quality Sampling - A water sample will be collected from the deepest areas of each pond and analyzed for the following water quality parameters.

<u>Extended Algae List</u>	<u>Dissolved Oxygen/ Temp Profile</u>
<u>Turbidity</u>	<u>Cyano Count</u>
<u>Total Phosphorus</u>	<u>Soluble Reactive Phosphorus</u>
<u>Total Alkalinity</u>	<u>Total Kjeldahl Nitrogen</u>
<u>Ammonia</u>	<u>Nitrate</u>

- **Sediment Polling** - Water and sediment depth measurements will be collected at multiple locations in the ponds based on a grid layout which will allow for development of a bathymetry map, sediment depth map and calculations of water and sediment volume.

3.0 In-Lake Management Program

3.1 Program Overview

Multiple-year approval is requested for the implementation of the Aquatic Management Program at the Camp Sewataro Ponds. The goal of the management program is to improve and maintain open water habitat, maintain desirable water quality, and provide safe recreational access to the ponds through an integrated management program. This management program has been developed to be compatible with the goals of Applicant keeping in mind the regulatory responsibilities of the Sudbury Conservation Commission and MassDEP.

As with any dynamic system, the ability to change and modify the management program is paramount to its success. The objectives of improving water quality and maintaining open water habitat can be achieved through regular monitoring supplemented by aeration, nutrient remediation, use of beneficial bacteria/enzyme products and the prudent use of USEPA/MA DAR registered algaecides. Specifically in terms of algaecides, we are requesting approval for use of both copper & peroxide-based algaecides. Although not considered registered algaecides, we also propose the use of alum (aluminum sulfate) and beneficial bacteria/enzymes for nutrient remediation and water quality improvement.

The proposed products specifically affect the target species or issue to be controlled and have a negligible effect on non-target species and wildlife when applied in accordance with the label directions. All products are applied at or below suggested doses according to the product label. All doses are based on algae types and densities, so that a minimum amount of product is introduced into the waterbody.

No significant alteration to the wetland resource areas will occur as a result of the proposed pond management program; instead, the resource areas will be enhanced by controlling overabundant algae, improving water quality and slowing pond eutrophication.

3.2 Proposed Products and Management Techniques

Aeration



We are seeking approval for the eventual installation of a submersed aeration system in one or both ponds that is designed to provide maximum water movement and oxygenation. By enhancing oxygenation and water movement within the ponds, more favorable conditions for aquatic wildlife are promoted while deterring stagnant conditions and helping to regulate the growth of problematic vegetation and potentially harmful algae blooms. In relatively shallow waterbodies, such as the Camp Sewataro Ponds, the circulation and oxygenation of the water is important not only for maintaining a healthy environment for the resident aquatic wildlife, but also for the improvement and maintenance of low internal nutrient levels and the health and safety of the pond users.

The system will consist of in-pond rubber bladder diffuser stations that will be supplied with compressed air from self-weighted rubber tubing and an onshore compressor system, located adjacent to the nearby, existing facilities. The hoses for the stations will run from the compressor to the stations within the pond. Installation of this system will require minimal or no digging/trenching work and therefore will not result in any disturbance to the shoreline or pond. The aeration system will be monitored for proper function throughout each season.

Impacts Specific to the Wetlands Protection Act using Aeration²

- Protection of public and private water supply – Benefit (water quality enhancement)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Benefit (water quality enhancement)
- Protection of land containing shellfish – Benefit (water quality enhancement)
- Protection of fisheries - Benefit (water quality enhancement) and possible detriment (water quality variability)
- Protection of wildlife habitat –Benefit (water quality enhancement)

Algaecides (Captain – EPA # 67690-9, SeClear – EPA # 67690-55, GreenClean PRO – EPA #70299-15, or equivalent)

Approval for the use of a copper or peroxide based algaecide is requested in the event that nuisance and/or potentially harmful algae conditions develop, warranting treatment.

Copper based algaecides (i.e. CuSO₄, Captain, SeClear) are widely used and are applied to lakes and ponds throughout North America to control nuisance filamentous and microscopic algae. There are no water use restrictions associated with copper-based algaecides and SLM treats several direct, potable (drinking) water reservoirs and a number of recreation waterbodies in the Commonwealth with these algaecides, on a yearly basis. The concentrated liquid algaecides are first diluted with pond water and are then sprayed throughout the pond area. The application rate is generally 0.2 ppm or less for algae control. If applied, treatment will not exceed 50% of the pond volume.

Peroxide based algaecides (e.i. GreenClean PRO, GreenClean Liquid) are a recent addition to algae management. Similar to copper algaecides, there are no water use restrictions. The concentrated products are diluted with pond water and then sprayed evenly throughout the treatment area. The application rate is 0.5 – 1.5 gallons per acre-foot for algae control. If applied, treatment will not exceed 50% of the pond volume.

Impacts Specific to the Wetlands Protection Act using Copper³ and Peroxide algaecides

- Protection of public and private water supply – Benefit (used to control algae)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution - Generally neutral (no significant interaction), but could be a detriment if algae/plant die-off causes low oxygen at the bottom of the pond or causes release of taste and odor compounds or toxins

² Commonwealth of Massachusetts Executive Office of Environmental Affairs. *Practical Guide to Lake Management*: 2004. 74 p.

³ Commonwealth of Massachusetts Executive Office of Environmental Affairs. *Practical Guide to Lake Management*: 2004. 122 p.

- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direct toxicity is possible under unusual circumstances.
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, direct toxicity)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, direct toxicity)

Phosphorus Inactivation with Aluminum Sulfate (Alum) and/or Polyaluminum Chloride (PAC)

Alum/PAC is a chemical precipitant that is used in the wastewater and drinking water treatment industries to remove particulate matter and reduce high nutrient levels. Alum irreversibly binds with phosphorus and other particulate matter and precipitates out of solution, thereby, reducing the available nutrients that are utilized by plants and algae. The dose proposed for the initial treatment of the ponds will primarily target the phosphorous in the water column. Once the precipitate or floc reaches the pond bottom any remaining alum will help to deter the release of additional nutrients/phosphorus from the sediments into the water column. Treatments would be performed annually early in the season. Higher dose treatment may be performed in the future to inactivate phosphorus in the pond sediments.

Impacts Specific to the Wetlands Protection Act

- Protection of public and private water supply – Benefit (water quality improvement)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Benefit (water quality enhancement)
- Protection of land containing shellfish – Possible benefit through water quality enhancement
- Protection of fisheries - Possible benefit through water quality enhancement in the pond and possible detriment through reduced fertility.
- Protection of wildlife habitat – Benefit (water quality improvement)

Biological Treatments (Bacterial/enzyme additives)

Bacterial additives are placed in an aquatic environment where algae will be out-competed for nutrients. This binds and reduces the supply of nitrogen and/or phosphorus in the waterbody. Most bacterial additives focus on nitrogen removal, ultimately precluding nitrogen-fixing algae such as cyanobacteria and their respective blooms.

Impacts Specific to the Wetlands Protection Act

- Protection of public and private water supply – Possibly beneficial (reduced algal density) or detrimental (cyanobacterial production may be favored)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Possibly beneficial (lowered algal densities), but possible detriment (if cyanobacteria are favored)
- Protection of land containing shellfish – Neutral (no significant interaction)
- Protection of fisheries - Possible beneficial (lowered algal abundance) or detrimental (increased cyanobacterial abundance)
- Protection of wildlife habitat – Possibly beneficial (lowered algal abundance) or detrimental (increased cyanobacterial abundance)

Proper algaecide application allows for desirable bloom control without posing an unreasonable adverse risk to non-target species and wildlife. Written approval from the Commission will be sought should alternate products be considered in future years. All products proposed for use will be registered for aquatic use in Massachusetts.

Management Technique Descriptions

Detailed information on all the approaches proposed in this NOI can be found at the **Massachusetts Department of Conservation and Recreation, Lakes and Ponds Program website**. There are links under the Publications tab to the "Generic Environmental Impact Report for Eutrophication and Lake Management in Massachusetts" and the "Practical Guide to Lake Management in Massachusetts."

<<https://www.mass.gov/service-details/lakes-and-ponds-program-publications>>

Additional information on the herbicides and algaecides can be found at the **Massachusetts Department of Agricultural Resources website**:

<https://www.mass.gov/herbicides-for-aquatic-vegetation-management>

3.3 Other Management Tasks

Management of the "ditch" area will be conducted as needed and include the following elements

- Brush removal along the side of the ditch on a yearly basis
- Path mowed or cut as needed
- Debris which falls into the ditch (ie. tree limbs, etc.) will be removed to allow for good flow of water for the entire length of the ditch

Shoreline maintenance and cleaning at the Swimming Pond will be conducted as follows.

The swimming pond will be drained at the end of the camp season. The procedure for draining is as follows:

Open the valve for the drain to the fishing/boating pond. Once the fishing/boating pond is full, close this valve and open the valve to divert the draining water to the outlet. Sweep all of the concrete sides of the swimming pond and the beach area with a 3-foot-wide push broom as the water level recedes. This procedure can take several days, depending on how long you leave the valve open each day. The current created by the slow sweeping motion of the broom will lift the sediment and carry it to the bottom. Use care in sweeping the beach area so as to minimize any movement of the sand, but you must sweep it enough to get the sediment up.

The swimming pond must be refilled before there is any chance of a hard freeze, to prevent the gunite liner from cracking. To refill the swimming pond, close the valve, block the end of the pump's discharge pipe at the beach and remove the plug from the pump's discharge pipe adjacent to the inlet pipe coming from the ditch. This is necessary because if the flow from the pump pipe discharges onto the beach it will wash it out.

Shoreline maintenance and cleaning at the Fishing/Boating Pond will be conducted as follows.

- Brush, weeds, and grass will be cut around the edges as needed to maintain good access to the water and to keep the water clear of debris

- Periodically the level is lowered to clean out the sides and on occasion maintain the placement of large stones 8 - 12" diameter along the banks.

3.4 Management Approach Matrix

The following matrix provides specific use patterns and timing for the different techniques proposed for use in the management program.

Management Strategy	Purpose	Extent	Timing
Submersed aeration	- Increasing dissolved oxygen concentration - Improving water circulation	Whole waterbody, potentially both ponds	Initial installation TBD, system will be run roughly from April to October
Algaecide	- Filamentous algae - Microscopic algae	Less than ½ waterbody	May-September, Based on algae monitoring
Alum	- Reduce phosphorus levels	Entire waterbody	April-May, based on WQ monitoring
Beneficial Bacteria/Enzymes	- Nutrient Management - Improve water quality, nutrient uptake, promote decomposition	Entire waterbody	May-September

3.5 Monitoring:

In addition to the baseline assessment work, regular inspections, surveys and testing will be conducted in order to assess the growth of algae, monitor vegetation and overall pond conditions. Post-management inspections will be conducted in order to assess the efficacy of the management efforts and any impacts on non-target species so future applications can be properly adjusted to minimize non-target impacts. Year-End Reports documenting our annual management efforts, observed conditions, management efficacy, and future recommendations will be provided to the Commission.

4.0 Alternatives Analysis:

Alternatives to the proposed Aquatic Plant Management Plan were considered. SŌlitude evaluated all available strategies for management of the Camp Sewataro Ponds. Findings and recommendations are based on direct experience and discussions found in the *Eutrophication and Aquatic Plant Management in Massachusetts Final Generic Environmental Impact Review* (FGEIR, EOE 2004).

Bottom Weed Barriers: Not Recommended

Physical controls, such as the use of benthic barriers (i.e. Aquatic Weed Net or Palco) can be effective for small dense patches of nuisance vegetation, but are not cost effective or feasible for large areas. They also do not help to control algae. Weed barriers are expensive to install and maintain at ~\$1.75/ft² (material & installation). Semi-annual maintenance to retrieve, clean and re-deploy the barriers would be expensive and time consuming. Additionally, covering expansive areas of the pond bottom may also have detrimental impacts on invertebrates or other types of wildlife and can be a hazard in swimming areas.

Harvesting: Not Recommended

Harvesting would be costly and at best would only provide temporary relief from nuisance algae conditions. The disruption and non-target impacts would be more significant than with the techniques that are proposed.

Biological: Not Recommended

Other than the proposed beneficial bacteria products, there are no proven biological controls available or approved by the State for the control of algae or aquatic plants present in the camp ponds.

Sediment Excavation/Dredging: Not Recommended

Dredging nutrient rich bottom sediment is sometimes used as a strategy to control excessive algae growth. Conventional (dry) or hydraulic dredging would require the expenditure of tens of thousands of dollars in design and permitting fees alone. Dredging may also have severe impacts to aquatic organisms (i.e. fish and macroinvertebrates) in the ponds with no guarantees of elimination of excessive algae or vegetation.

Do Nothing: Not Recommended

If the overabundant algae growth is allowed to continue unabated, eutrophication and filling-in at the pond will continue to occur at an accelerated rate due to the annual decomposition of excessive algae biomass. Anoxic conditions would degrade water quality and potentially impact fish and other aquatic organisms. Stagnant conditions will also increase water temperatures promoting both algae and bacterial growth as well as providing extensive mosquito breeding habitat. The pond's recreational safety would be significantly degraded.

5.0 Compliance*Massachusetts Wetlands Protection Act:*

The objective of this project is to manage nuisance algae and poor water quality impairing the waterbody. Managing these conditions will not adversely affect wildlife habitat and will not negatively impact other interests of the Massachusetts Wetlands Protection Act. No significant alteration to wetland resources areas will occur as a result of the proposed management program; instead the resource areas will be enhanced by controlling the excessive and potentially harmful algae growth. The proposed management activities are consistent with the guidelines in the following documents:

- Final Generic Environmental Impact Report: Eutrophication and Aquatic Plant Management in Massachusetts (June 2004)
- Guidance for Aquatic Plant Management in Lakes and Ponds: As it Relates to the Wetlands Protection Act (April 2004 – DEP Policy/SOP/Guideline # BRP/DWM/WW/G04-1)
- The Practical Guide to Lake Management in Massachusetts (2004)

DEP License To Apply Chemicals:

All chemical applications will be performed by Certified Applicators. The USEPA/MA registered aquatic algaecides will be applied at recommended label rates, in accordance with the "Order of Conditions" and DEP "License to Apply Chemicals" permits (BRP WM04). Prior to treatment, the shoreline will be posted with signs warning of all temporary water use restrictions. A site specific "License to Apply

Chemicals" for the proposed treatment will be filed with Massachusetts DEP, Office of Watershed Management.

Massachusetts Environmental Policy Act:

The strategies proposed in this NOI are options approved under the Massachusetts Environmental Protection Act (MEPA) process that was approved in 2004 with the issuance of the FGEIR and the *Practical Guide to Lake and Pond Management in Massachusetts*. These approaches do not require individual MEPA review.

Massachusetts Endangered Species Act:

According to the most recent Natural Heritage maps provided by MA GIS (Attachment C - Figure 5), the camp ponds are not located within an area designated as Priority Habitats of Rare Species as determined by the Massachusetts Natural Heritage & Endangered Species Program (NHESP). No formal review by NHESP is required.

6.0 Impacts of the Proposed Management Plan Specific to the Wetlands Protection Act:

Protection of public and private water supply – The Camp Sewataro Ponds are not used directly as a drinking water supply. Treatments at the pond will not have any adverse impacts on the public or private water supply, when used in accordance with the project label and conditions of the MA DEP License to Apply Chemicals.

Protection of groundwater supply – According to available studies, there is no reason to believe that the groundwater supply will be adversely impacted by the proposed management strategies, specifically the application of the chemicals at the proposed rates, when used in accordance with the product labels. Contamination of groundwater by aquatic algaecides is limited by their low rate of application, rapid rate of degradation, and uptake by target plants. SÖlitude's State licensed applicators take all necessary precautions when mixing and disposing of all chemical containers.

Flood control and storm damage prevention – No construction, dredging or alterations of the existing floodplain and storm damage prevention characteristics of the pond are proposed. However, in some instances, abundant and excessive aquatic plant and algae growth can contribute to high water and flooding. Most commonly this occurs in the vicinity of waterbody outlets or water conveyance channels and structures. The unmanaged, annual growth and decomposition of abundant plant growth is also known to increase sediment deposition at an accelerated rate. Therefore, the proposed management approaches may increase the capacity of the resource area over the long-term to provide flood protection.

Prevention of pollution – No degradation of water quality or increased pollution is expected by the proposed management approaches. Monitoring will allow for timely and prudent treatment of the pond at the earliest stages of bloom formation. Prevention of excessive growth of algae will contribute to improved water circulation and a reduction in the potential for anoxic conditions. The management of algae biomass will help to decrease the rate of eutrophication currently caused by the decomposing of excessive plant material.

Protection of fisheries and shellfisheries – Severe algae blooms provide poor habitat for most species of fish. Dense algae growth frequently results in significant diurnal fluctuations in dissolved oxygen as well as oxygen depletion during certain times of the year. When unmanaged, some types of cyanobacteria can emit toxins which are harmful to fish and shellfish.

Protection of wildlife and wildlife habitat – In general, excessive and abundant algae growth, especially cyanobacteria, provides poor wildlife habitat for fish and other wildlife. The proposed management plan is expected to help prevent further degradation of the waterbody and improve the wildlife habitat value of the pond in the long-term.



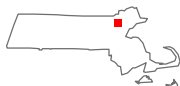
Figures

Figure 1: Site Locus

888.480.5253
solitudelakemanagement.com



Swimming Pond &
Fishing/Boating Pond
Sudbury, MA
Middlesex County



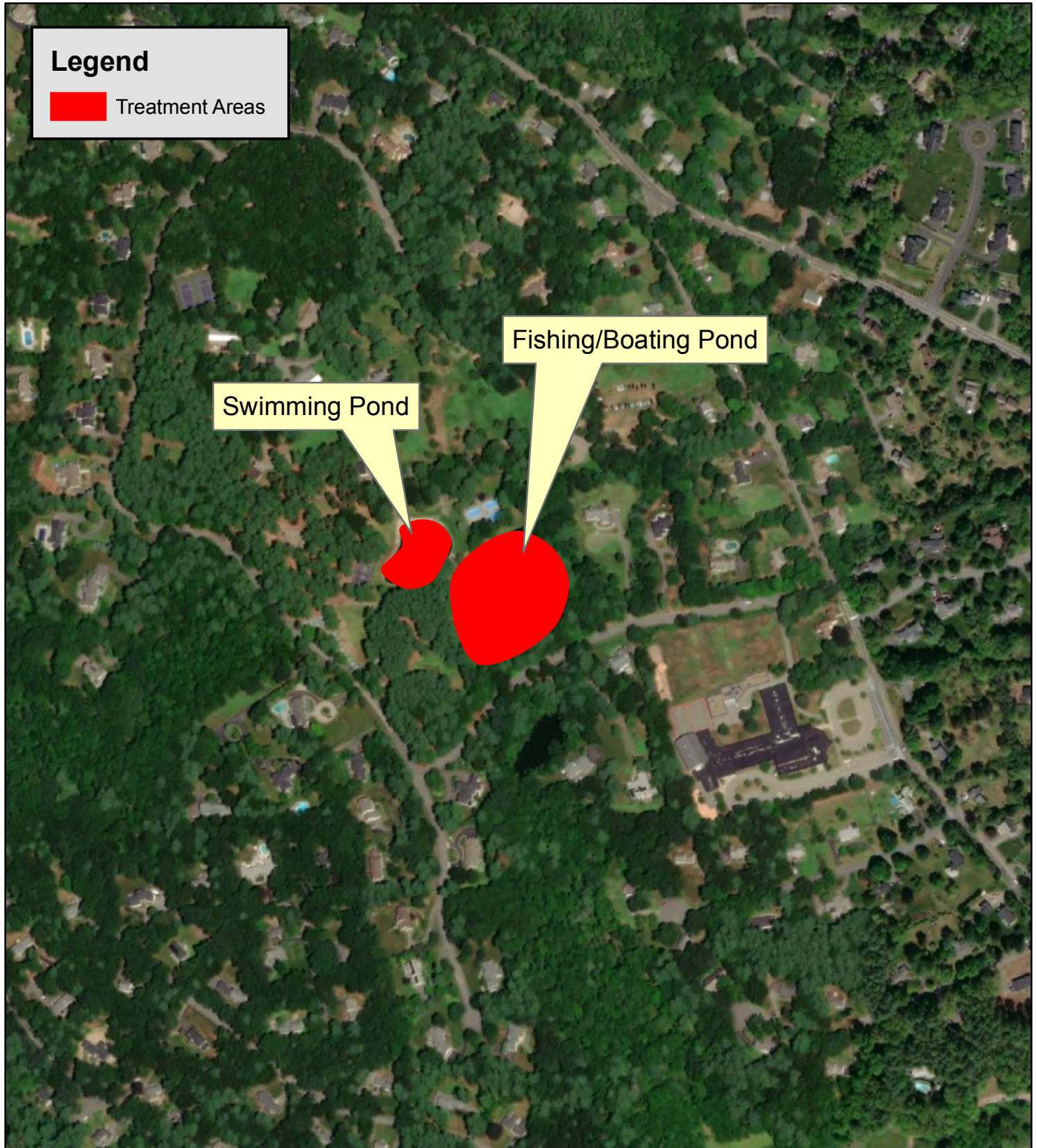
Swim Pond & Fishing/Boating Pond



Map Date: 03/2022
Prepared by: SC
Office: SHREWSBURY, MA

Figure 2: Treatment Areas

888.480.5253
solitudelakemanagement.com



Swimming Pond &
Fishing/Boating Pond
Sudbury, MA
Middlesex County



**Swim Pond & Fishing/Boating
Pond**

0 470 940 Feet

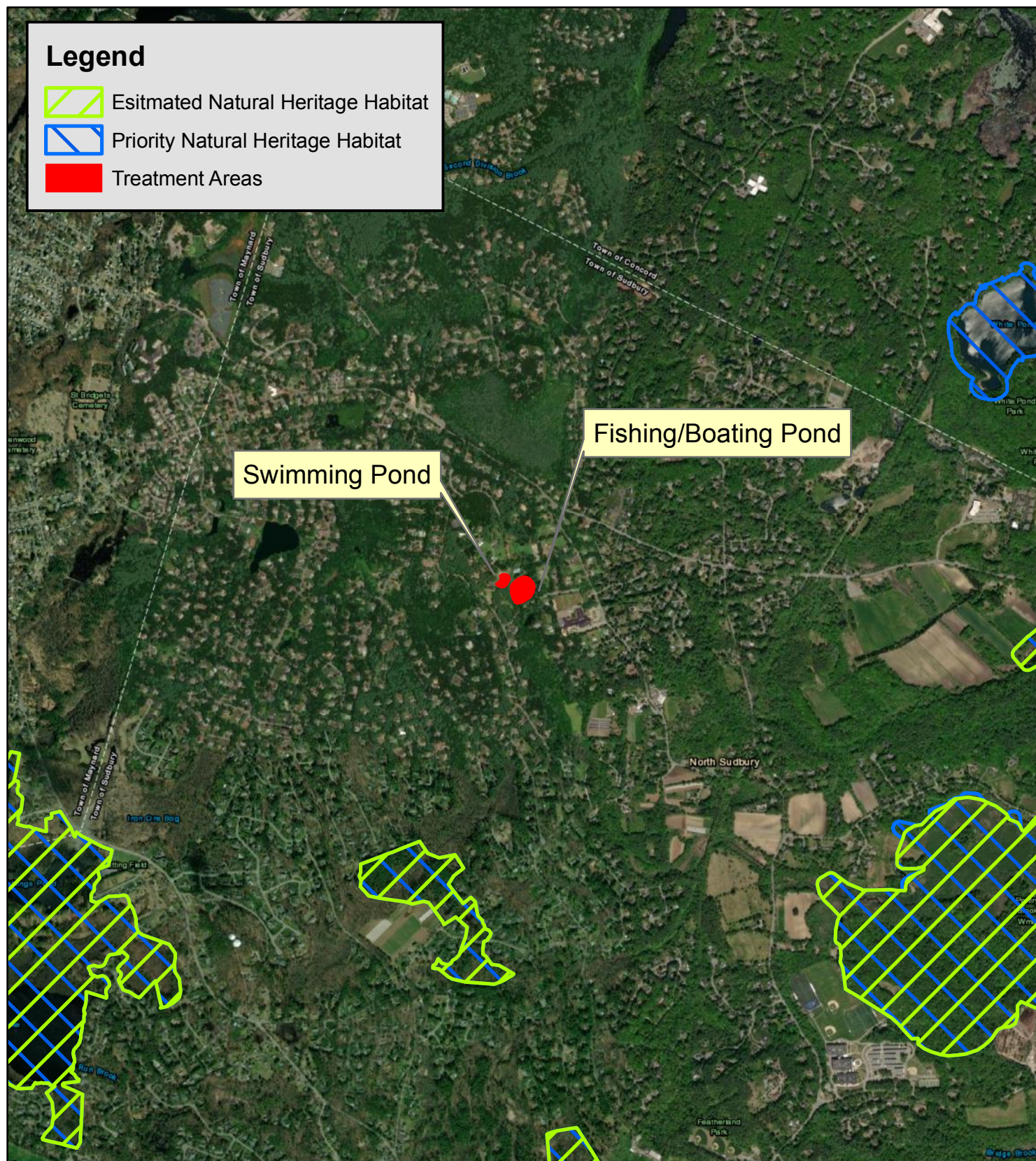
1:5,033

N

Map Date: 03/2022
Prepared by: SC
Office: SHREWSBURY, MA

Figure 3: Natural Heritage Areas

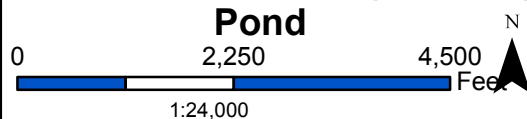
888.480.5253
solitudelakemanagement.com



Swimming Pond &
Fishing/Boating Pond
Sudbury, MA
Middlesex County



Swim Pond & Fishing/Boating Pond



Map Date: 03/2022
Prepared by: SC
Office: SHREWSBURY, MA

Herbicide/Algaecide Information

Detailed information herbicides proposed in this NOI can be found at the **Massachusetts Department of Conservation and Recreation, Lakes and Ponds Program website**. There are links under the Publications tab to the "Generic Environmental Impact Report for Eutrophication and Lake Management in Massachusetts" and the "Practical Guide to Lake Management in Massachusetts."

<<http://www.mass.gov/eea/agencies/dcr/water-res-protection/lakes-and-ponds/>>

Additional information on these herbicides can be found at the **Massachusetts Department of Agricultural Resources website**

<http://www.mass.gov/eea/agencies/agr/pesticides/aquatic-vegetation-management.html>