
Notice of Intent Application

Massachusetts Wetlands Protection Act
Sturbridge Wetlands Protection Bylaw (Chapter 3, Section 3.50)

Massachusetts Electric Company Lake Road Electric Distribution Asset Replacement Project Sturbridge, MA



Submitted to:

Sturbridge Conservation Commission
308 Main Street
Sturbridge, MA 01566

MassDEP Central Regional Office
8 New Bond Street
Worcester, MA 01606

Prepared for:

Massachusetts Electric Company
40 Sylvan Road
Waltham, MA 02451

Submitted by:

Epsilon Associates, Inc.
3 Mill & Main Place, Suite 250
Maynard, MA 01754

March 6, 2020

Projects:\5606\Lake Road\Sturbridge

March 6, 2020

PRINCIPALS

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Maria B Hartnett

Ms. Rebecca Gendreau
Sturbridge Conservation Commission
308 Main Street
Sturbridge, MA 01566

Subject: Notice of Intent Application, Massachusetts Electric Company d/b/a National Grid Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA.

Dear Ms. Gendreau and Commissioners:

Enclosed please find the above referenced Notice of Intent ("NOI") and supporting plans filed in accordance with the Massachusetts Wetlands Protection Act ("WPA") (M.G.L. c. 131 § 40) and implementing regulations (310 CMR 10.00) and the Town of Sturbridge Wetlands Protection Bylaw (Chapter 3, Section 3.50) ("Bylaw").

As explained in further detail in the enclosed NOI, Massachusetts Electric Company d/b/a National Grid ("MECO" or the "Applicant") is proposing the Lake Road Electric Distribution Asset Replacement Project (the "Project") in Sturbridge, MA. The Project includes the replacement, removal, and installation of existing electrical distribution assets (i.e., conductors, poles and overhead hardware). The Project Site in the Town of Sturbridge consists of:

- Lake Road, between existing pole 55-3 (near Paradise Lane) and proposed pole 28 (near Hemlock Path); and
- an existing electric distribution easement located between Big Alum Pond and Lake Road. Existing distribution poles 46-7 through 26 are located within the existing easement.

Work and/or access will occur within the WPA and Bylaw 100-foot buffer zone to BVW and bank, and areas subject to protection under the Bylaw including: 200-foot buffer, 50-foot No Structure Buffer, and 25-foot No Disturbance Buffer.

MECO will perform portions of this work in accordance with the utility maintenance provisions of the Massachusetts Wetlands Protection Act (MGL 131-40).

978 897 7100

FAX 978 897 0099

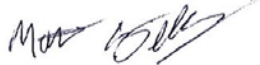
3 Mill & Main Place, Suite 250
Maynard, MA 01754
www.epsilonassociates.com

The Town of Sturbridge Bylaw does not provide for a utility maintenance exemption; however, the Project is eligible for review as a limited project under the Bylaw (Section 3.5) which allows for construction, reconstruction, operation and maintenance of overhead public utilities. As noted above, the Project involves work within local buffer zones to resource areas, including the 25-foot No Disturbance Buffer, and 50-foot No Structure Buffer established in the Bylaw. MECO respectfully requests a waiver for work within the 25-foot No Disturbance Buffer, and 50-foot No Structure Buffer, allowing for the installation of public utilities within previously disturbed areas.

MECO respectfully requests that the Commission issue an Order of Conditions for the Project presented herein. As required, abutters within 200 feet of the Project Area have been notified. A check made payable to the Commonwealth of Massachusetts in the amount of \$237.50 was sent directly to the DEP Lock Box for payment of the state's share of the filing fee. A check made payable to the Town of Sturbridge in the amount of \$262.50 is enclosed to cover the local portion of the WPA filing fee. Lastly, a check made payable to the Town of Sturbridge in the amount of \$70.00 is enclosed to cover the Bylaw filing fee.

The enclosed NOI is being submitted for the Commission's review at the next available public hearing. If you have any questions regarding the NOI or wish to conduct a site visit prior to the hearing, please do not hesitate to contact me at 978.461.6237 or via email at mkelly@epsilonassociates.com.

Sincerely,
EPSILON ASSOCIATES, INC.



Matt Kelly
Senior Scientist/Project Manager

CC: James Rynes, NGRID
MassDEP Central Regional Office

Notice of Intent Application

Massachusetts Wetlands Protection Act Sturbridge Wetlands Protection Bylaw

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Table of Contents

TABLE OF CONTENTS

WPA FORM 3 – NOTICE OF INTENT

ATTACHMENT A – PROJECT NARRATIVE	1
1.0 Introduction	1
2.0 Existing Conditions	2
3.0 Wetland Resource Areas	3
3.1 Inland Bank	4
3.2 Bordering Vegetated Wetland	4
3.2 Land Under Water Ways and Water Bodies	4
4.0 Project Description	5
5.0 Summary of Buffer Zone Impacts	5
5.1 Pole Replacements and Installations	7
5.2 Guy Wires and Anchors	7
5.3 Select Tree Removals and Vegetation Management	7
6.0 Project Alternatives	8
6.1 Preferred Alternative (the Project)	8
6.2 No Build Alternative	9
6.3 Other Easement Alternative	9
7.0 Mitigation Measures	9
7.1 Avoidance and Minimization Measures	10
7.2 Best Management Practices	10
7.3 Construction Compliance Monitoring	10
8.0 Regulatory Compliance	10
8.1 Consistency of the Project with WPA	10
8.2 Consistency of the Project with the Town of Sturbridge Wetland Bylaw (Chapter 3)	11
8.2.1 Consistency of the Project with the Bylaw – Limited Project (Section 3.5)	11
8.2.2 Consistency of the Project with the Bylaw – Waivers (Section 4.13)	11
8.2.3 Consistency of the Project with the Bylaw - Tree Cutting (Section 6.2)	13
8.3 Stormwater Management Standards and Guidelines	14
9.0 Conclusions	14

List of Attachments

Attachment A – NOI Narrative

Attachment B – Figures

Attachment C – NOI Permit Plans

Attachment D – Site Photographs

Attachment E – Wetland Determination Data Forms

Attachment F – NGRID Environmental Guidance (EG-303NE) BMP Specifications

Attachment G – Stormwater Checklist

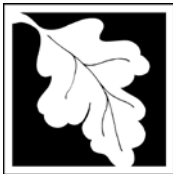
Attachment H – Abutter Notification Information

List of Tables

Table 5-1 Summary of Buffer Zone Impacts

6

Notice of Intent – Application Forms



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

MassDEP File Number
Document Transaction Number
Sturbridge
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):

<u>Lake Road (utility easement)</u>	<u>Sturbridge</u>	<u>01566</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	<u>42.150689</u>	<u>-72.116789</u>
	d. Latitude	e. Longitude
<u>Various utility easements</u>	<u>Various</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>James</u>	<u>Rynes</u>	
a. First Name	b. Last Name	
<u>Massachusetts Electric Company</u>		
c. Organization		
<u>40 Sylvan Road</u>		
d. Street Address		
<u>Waltham</u>	<u>MA</u>	<u>02451</u>
e. City/Town	f. State	g. Zip Code
<u>978-337-6988</u>	<u>james.rynes@nationalgrid.com</u>	
h. Phone Number	i. Fax Number	j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

_____	_____	
a. First Name	b. Last Name	

c. Organization		

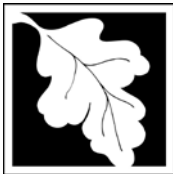
d. Street Address		
_____	_____	_____
e. City/Town	f. State	g. Zip Code
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Matt</u>	<u>Kelly</u>	
a. First Name	b. Last Name	
<u>Epsilon Associates</u>		
c. Company		
<u>3 Mill & Main Place</u>		
d. Street Address		
<u>Maynard</u>	<u>MA</u>	<u>01754</u>
e. City/Town	f. State	g. Zip Code
<u>978-461-6237</u>	<u>mkelly@epsilonassociates.com</u>	
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$500.00</u>	<u>\$237.50</u>	<u>\$262.50</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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
Sturbridge
City/Town

A. General Information (continued)

6. General Project Description:

Massachusetts Electric Company is proposing existing electric distribution asset (i.e., conductor and pole) replacements and installs along Lake Road, and an existing easement located between Alum Pond and Lake Road.

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

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. 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)
- 2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

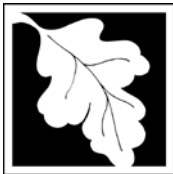
8. Property recorded at the Registry of Deeds for:

Worcester	
a. County	b. Certificate # (if registered land)
61181	0012
c. Book	d. Page Number

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

- 1. 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.
- 2. 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

Sturbridge

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.

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____	2. square feet _____
	3. cubic feet of flood storage lost _____	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:

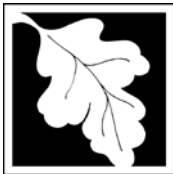
a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

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

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

Sturbridge
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. 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. 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

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
Sturbridge
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

- 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**

14th Edition 2017
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).*

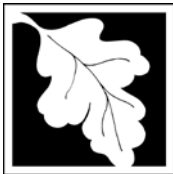
c. Submit Supplemental Information for Endangered Species Review*

- Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage
- Assessor's Map or right-of-way plan of site

- 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

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

Sturbridge

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:

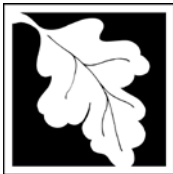
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

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.



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
Sturbridge
City/Town

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

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

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.

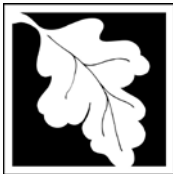
D. Additional Information

- 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

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
Sturbridge
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.

MECO Lake Road Electric Distribution Asset Replacement Project – NOI Permit Plan

a. Plan Title

Epsilon Associates, Inc.

N/A

b. Prepared By

c. Signed and Stamped by

March 5, 2020

1"=150'

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:

41936

March 5, 2020

2. Municipal Check Number

3. Check date

41935

March 5, 2020

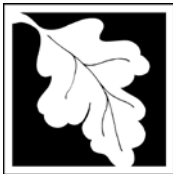
4. State Check Number

5. Check date

Epsilon Associates Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name



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

Sturbridge
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.

	March 6, 2020
1. Signature of Applicant	2. Date
	March 6, 2020
3. Signature of Property Owner (if different)	4. Date
	March 6, 2020
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:

Lake Road (existing utility easement)	Sturbridge
a. Street Address	b. City/Town
41935	\$237.50
c. Check number	d. Fee amount

2. Applicant Mailing Address:

James	Rynes	
a. First Name	b. Last Name	
Massachusetts Electric Company		
c. Organization		
40 Sylvan Road		
d. Mailing Address		
Waltham	MA	02451
e. City/Town	f. State	g. Zip Code
978-337-6988	james.rynes@nationalgrid.com	
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

a. First Name	b. Last Name	
c. Organization		
d. Mailing Address		
e. City/Town	f. State	g. Zip Code
h. Phone Number	i. Fax Number	j. Email Address

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.

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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
2(e)	1	\$500.00	\$500.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	\$500.00
State share of filing Fee:	\$237.50
City/Town share of filing Fee:	\$262.50
	a. Total Fee from Step 5
	b. 1/2 Total Fee less \$12.50
	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.)



Town of Sturbridge

Conservation Commission

Notice of Intent Application Checklist – Form B

Applicant / Property Owner Massachusetts Electric Company

Representative Epsilon Associates Inc.

Project Location Lake Road

Assessor's Information Map See Abutter Information

Date NOI filed with Conservation March 10, 2020

Date NOI filed with MA DEP Central Region March 10, 2020

- Complete most recent WPA Form 3 (Notice of Intent Application) and necessary attachments (2 copies)
- Plans and calculations clearly describing the location and nature of the work including all necessary Stormwater documents if applicable (2 copies)
- An 8.5 x 11 color section of the USGS Quadrangle (topo) identifying the locus and with a scale
- An 8.5 x 11 copy of the most recent Natural Heritage Map with WH, PH and VP data identifying the locus and with a scale
- An 8.5 x 11 copy of the FIRM Map identifying the locus and with a scale
- Confirmation that a copy of the NOI was sent to NHESP (if applicable)
- Copy of the Certified Abutters List (to include all abutters within 200-feet of the subject property) and a copy of the completed Abutter Certification Form
- Signed Affidavit of Service for Abutter Notification
- Completed Local Filing Fee Worksheet and NOI Wetland Transmittal Form
- Filing fee checks, one of the town's portion of the state fee and one for the local fee – both made out to the Town of Sturbridge (See Local Filing Fee Worksheet)
- Copy of State filing fee check made out to the Commonwealth of MA (1 copy)
- Tax Form signed by the Sturbridge Tax Collector, notifying the Conservation Commission that the property taxes are paid-to-date (1 copy)

This Check list is to be filled out and submitted to the Sturbridge Conservation Commission at the time of filing the Notice of Intent Application.

Please contact me if you have any questions (508)-347-2506 or via email at regendreau@town.sturbridge.ma.us.

Conservation Agent



Town of Sturbridge

Conservation Commission

STURBRIDGE CONSERVATION COMMISSION AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Wetland Bylaws

I, Matt Kelly , hereby certify under the pains and penalties of perjury that on (date) March 10, 2020 , I gave notification to abutters in compliance with the second paragraph of the Massachusetts General Laws Chapter 131, § 40, and the DEP Guide to Abutter Notification as well as the Town of Sturbridge Wetland Bylaws, in connection with the following matter:

- A Notice of Intent OR
 A Request for Determination OR
 An Abbreviated Notice of Resource Area Delineation

was filed under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Bylaws, by Epsilon Associates Inc. with the Sturbridge Conservation Commission on (date) March 10, 2020 for the property located at

_____.

The form of the Notification and a list of abutters to whom it was given and their addresses are included in the application file.

_____ March 10, 2020
(signature of applicant) (date)

 Matt Kelly
(name of applicant-printed or typed)

F:\Home\CONSERVATION\Forms\Affidavit of Service.doc



Town of Sturbridge

Conservation Commission

Filing Fee Worksheet

Under M.G.L. c 131, § 40 and the Town of Sturbridge Wetland Bylaw

Applicant Massachusetts Electric Company d/b/a National Grid

Applicant Representative Epsilon Associates

Project location Lake Road

TOTAL STATE FEE REQUIRED FOR PROJECT

(Only subject to NOI and ANRAD filings—See Wetland Fee Transmittal Form):

State Fee Category(s) 2(e)

Total State Fee for project (include Riverfront Area adjustment if applicable) \$500

State share of State Fee \$237.50

Local share of State Fee \$262.50

TOTAL ADDITIONAL LOCAL FEE REQUIRED FOR PROJECT*:

(See Sturbridge Wetland Bylaw Regulations Section 4.17)

Standard NOI Fee = \$50.00 X (check if applicable)

Standard RDA Fee = \$25.00 _____ (check if applicable)

Standard ANRAD Fee = \$00.10 per foot for resource area delineation _____ (check if applicable).
feet _____ x \$00.10 = \$ _____

Standard DELINEATION Fee = \$00.10 per foot for resource area delineation X (for all projects).
feet 200 x \$00.10 = \$ 20.00

(for all projects that do not include an approved wetland delineation boundary by the Commission within 3 years prior to application submittal)

REPLICATION Monitoring Fee = \$200.00 _____ (check if applicable)
(for all projects that include wetland alteration and wetland replication)

CUMULATIVE TOTAL FEES:

Total State Fee: \$237.50

Total Town Share of State Fee: \$262.50

Total Local Fee: \$70.00

*Please Note:

For each NOI and ANRAD filing, please submit two (2) checks to the Town of Sturbridge, one for the town's portion of the state fee and one for the local fee(s). RDA filings only have a Local Fee at this time.

The advertising fee is not included in the calculation. The Applicant will pay the Southbridge News directly.



Town of Sturbridge

Barbara A. Barry, Finance Director

Department/Board/Committee: Conservation

Please verify outstanding tax/fee status for the following property owner:

Property Owner: Various

Property Location: See attached list of properties

-
- The license/permit may be released.
 - The license/permit may not be released.

Finance Director

Date

NGRID Lake Road Abutter List Request

Parcel Address	Parcel ID	Town	Owner Name
124 Lake Road	380-00927-124	Sturbridge	Vernon-Gart, Julie A.
126 Lake Road	380-00927-126	Sturbridge	Ciosek, Edward
128 Lake Road	380-00927-128	Sturbridge	Young, Karen
130 Lake Road	380-00927-130	Sturbridge	Bemis, Linda A.
132 Lake Road	380-00927-132	Sturbridge	Morin, Joseph A.
134 Lake Road	380-00927-134	Sturbridge	Lapierre, Cheryl C.
136 Lake Road	380-00927-136	Sturbridge	Litchfield, Beverly J.
138 Lake Road	380-00927-138	Sturbridge	Willard, Eric
140 Lake Road	380-00927-140	Sturbridge	Radner, John G.
142 Lake Road	380-00927-142	Sturbridge	Clark, Thomas M.
1 Old Towne Way	492-00928-001	Sturbridge	T Reardon Builders Inc.
143 Lake Road	380-00937-143	Sturbridge	Argitis, John J.
144 Lake Road	380-00927-144	Sturbridge	Argitis, John J.
146 Lake Road	380-00937-146	Sturbridge	Argitis, John J.
148 Lake Road	380-00937-148	Sturbridge	Clark, Thomas M.
150 Lake Road	380-00937-150	Sturbridge	Metoxen, Janis T.
152 Lake Road	380-00937-152	Sturbridge	Callahan, Charles J.
154 Lake Road	380-00937-154	Sturbridge	Klein, Andrew S.
156 Lake Road	380-00937-156	Sturbridge	Scott, Michael
158 Lake Road	380-00937-158	Sturbridge	Hill, Victor E. IV
160 Lake Road	380-00937-160	Sturbridge	Domash, Phyllis J.
162 Lake Road	380-00937-162	Sturbridge	Murphy, Dennis R.
164 Lake Road	380-00937-164	Sturbridge	Galonek, Gary
166 Lake Road	380-00947-166	Sturbridge	Farland, Richard M. Jr.
168 Lake Road	380-00947-168	Sturbridge	Hutchinson, Timothy
169 Lake Road	380-00937-169	Sturbridge	Galonek, Gary
170 Lake Road	380-00947-170	Sturbridge	Shea, Frederick B.
172 Lake Road	380-00947-172	Sturbridge	Poirier, Elizabeth A.
174 Lake Road	380-00947-174	Sturbridge	Eisold, Scott Richard
176 Lake Road	380-00947-176	Sturbridge	Vecchiarelli, Joseph F.
178 Lake Road	380-00947-178	Sturbridge	Stevens, David F.
180 Lake Road	380-00947-180	Sturbridge	Cloutier, John N.
180A Lake Road	380-00947-180A	Sturbridge	Cloutier, John N.
182 Lake Road	380-00948-182	Sturbridge	The Hooker Family Trust
184 Lake Road	380-00947-184	Sturbridge	Dunn, Thomas R.
186 Lake Road	380-00948-186	Sturbridge	Smith Barbara Veale
188 Lake Road	380-00958-188	Sturbridge	Roy, Jill Temple
189 Lake Road	380-00958-189	Sturbridge	Roy, Jill Temple
190 Lake Road	380-00958-190	Sturbridge	Lombardi, Domenico P.
192 Lake Road	380-00958-192	Sturbridge	Vaill, Verna Frances
194 Lake Road	380-00958-194	Sturbridge	Colwell, Brock C.
196 Lake Road	380-00957-196	Sturbridge	Colwell, Brock C.
198 Lake Road	380-00957-198	Sturbridge	Marcus, Susan J.
200 Lake Road	380-00957-200	Sturbridge	Flynn, Michael
202 Lake Road	380-00957-202	Sturbridge	Stearns, Wendy M.
204 Lake Road	380-00957-204	Sturbridge	Allen, Richard J.
206 Hemlock Path	332-00957-206	Sturbridge	Mangari, Nancy M.

Attachment A

Project Narrative

ATTACHMENT A – PROJECT NARRATIVE

1.0 Introduction

On behalf of Massachusetts Electric Company (“MECO” or the “Applicant”), Epsilon Associates, Inc. (“Epsilon”) is pleased to submit this Notice of Intent (“NOI”) to the Sturbridge Conservation Commission (the “Commission”). This NOI was prepared in accordance with the Massachusetts Wetland Protection Act (MGL c.131 s.40) and implementing Regulations (310 CMR 10.00) (the “WPA”) and the Sturbridge Wetland Bylaw (Chapter 3, Section 3.50) (“Bylaw”).

The MECO Lake Road Electric Distribution Asset Replacement Project (the “Project”) involves the replacement, removal, and installation of electrical distribution assets (i.e., conductors & poles). The planned work is located along Lake Road, a private roadway, and within residential properties between Big Alum Pond and Lake Road (the “Project Area”). The attached Figure 1 – USGS Locus Map and Figure 2 – Aerial Locus Map, located in Attachment B, depict the Project Area.

The purpose of the Project is to address the existing reliability concerns associated with current asset conditions and allow for unobstructed all-weather access to each distribution pole and associated overhead hardware. Increased electrical distribution reliability and asset access will be achieved through the partial relocation of an existing primary conductor from residential properties to the Lake Road easement/Right-of-Way (ROW).

The overall Project involves the following activities:

- Distribution pole replacements,
- New distribution pole installations,
- Overhead conductor removals,
- Overhead conductor installations,
- Selective replacement of guy wires and anchors,
- Tree removals and vegetation management.

Work within the Town of Sturbridge involves activities in State and local wetland resource area buffers including:

- 100-foot buffer zone to bordering vegetated wetland (“BVW”) and bank (State and local),
- 200-foot buffer zone to BVW and bank (local),
- 50-foot No Structure Buffer (local), and
- 25-foot No Disturbance Buffer (local).

It is important to note that the replacement of existing utilities can be performed in accordance with the utility maintenance provisions of the WPA. Provisions of the WPA allow for *“maintaining, repairing, or replacing, but not substantially changing or enlarging existing and lawfully located*

structures or facilities used in the service of the public to provide electric service...” without the filing of a Notice of Intent.

Furthermore, minor activities within the buffer zone identified in the WPA regulations at 310 CMR 10.02(2)(b)2.h. *“allow for the installation of directly embedded utility poles along existing paved or unpaved roadways and private roadways/driveways, and their existing maintained shoulders, provided that all work is conducted within ten feet of the road or driveway shoulder and is a minimum of ten feet from the edge of the Bank or BVW and as far away from resource areas as practicable, with no additional tree clearing or substantial grading within the buffer zone, and provided that all vehicles and machinery are located within the roadway surface during work.”* This NOI application is necessary under the WPA since tree removal cannot be avoided within the 100-foot buffer zone.

All work will be conducted within previously disturbed areas. Where possible, distribution poles will be replaced further from wetland resources than their current locations. However, the proposed pole locations are required based on their alignment with the existing and proposed overhead utility line and to maintain appropriate pole loading and conductor span clearances between poles. Existing and proposed site conditions are illustrated on the aerial photography based NOI Permit Plans located in Attachment C.

Selective vegetation removal will be required along Lake Road to allow for the relocation of the primary conductors. Erosion control barriers will be installed upgradient of wetland areas, as warranted by site conditions. Upon completion of the Project, erosion control barriers will be removed and any temporarily disturbed areas will be graded and stabilized with mulch.

Portions of the Project that are not considered maintenance activities are eligible for review as a limited project under the Bylaw (Section 3.5) which allows for construction, reconstruction, operation and maintenance of public utilities. Although the project qualifies for limited project status, all applicable performance standards of the Bylaw will be met to the extent practicable.

MECO respectfully requests a waiver for work within the 25-foot No Disturbance Buffer, and 50-foot No Structure Buffer, allowing for the installation of public utilities within previously disturbed areas.

The work described herein was designed to conform to applicable state and local performance standards. Additional information describing the proposed Project and how the proposed work has been designed to comply with applicable performance standards is provided in the balance of this narrative.

2.0 Existing Conditions

The Project Area is located along a portion of Lake Road between existing pole 55-3 (near Paradise Lane) and proposed pole 28 (near Hemlock Path); and an existing electric distribution easement located between Big Alum Pond and Lake Road where existing poles 46-7 through 26 are currently

sited. Lake Road is a narrow private roadway located within a wooded residential area along the east side of Big Alum Pond. The northern portion of the roadway (Paradise Lane to Old Towne Way) is gravel and the southern portion of the Roadway (Old Towne Way to Hemlock Path) is paved. The existing electric distribution easement located between Big Alum Pond and Lake Road consists of residential properties. Representative Site Photographs are located in Attachment D.

The current FEMA FIRM Community Panel Number 25027C0763E, dated July 4, 2011, for the Town of Sturbridge shows that Big Alum Pond and lands immediately adjacent to the lake are mapped Zone X floodplain (0.2% annual chance flood hazard). The Project Area is not located within any areas of the 100-year floodplain/Bordering Land Subject to Flooding (see Attachment B, Figure 3).

According to the Natural Heritage and Endangered Species Program (“NHESP”) [Natural Heritage Atlas, 2017], there are no mapped Priority Habitats, Estimated Habitats, and/or certified vernal pools (“CVP”) within the Project Area. A potential vernal pool (“PVP”) is mapped approximately 150-feet from Lake Road and existing poles 36-2 and 36. Vernal pools, CVP & PVP, are protected under the local bylaw at Section 5.6. There are no Project related ground disturbances proposed within 200-feet of the mapped PVP.

3.0 Wetland Resource Areas

Wetland resource areas near proposed poles 51 through 49 were field delineated, and GPS located on February 12, 2020 by Epsilon. Vegetated wetlands were delineated in accordance with the U.S. Army Corps of Engineers Wetland Delineation Manual (USACE, 1987), the “Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0” (2012), the Massachusetts Wetlands Protection Act and implementing regulations (310 CMR 10.00), the Massachusetts Department of Environmental Protection’s handbook, Delineating Bordering Vegetated Wetlands Under the Massachusetts Wetlands Protection Act (MADEP, 1995), and the Sturbridge Wetlands Bylaw. The local, state and federal delineation methodologies generally prescribe a multi-parameter approach, where hydrophytic vegetation and hydrology (including hydric soils) are reviewed in conjunction with one another when delineating a wetland edge.

A Wetland Scientist from Epsilon conducted a field review on February 12, 2020 to field verify wetland limits located proximal to Lake Road between existing pole 36-12 and proposed pole 28, and throughout the existing electric distribution easement located between Big Alum Pond and Lake Road.

Please refer to the accompanying NOI Permit Plans in Attachment C for more specific information including the location of delineated and field verified wetland locations. Wetland determination data forms are included in Attachment E.

3.1 Inland Bank

According to 310 CMR 10.54, an Inland Bank (“Bank”), and similarly in the Bylaw (Section 5.1), is the portion of the land surface which normally abuts and confines a waterbody. It occurs between a water body and a vegetated bordering wetland and adjacent floodplain, or, in the absence of these, it occurs between a waterbody and upland. The upper boundary of a Bank is the first observable break in the slope or the mean annual flood level, whichever is lower. The lower boundary of a Bank is the mean annual low flow level. Banks are likely to be significant to public or private water supply, to ground water supply, to flood control, to storm damage prevention, to the prevention of pollution and to the protection of fisheries and wildlife habitat. A 100-foot buffer zone is associated with Bank. The Bylaw also prescribes a 200-foot buffer, 50-foot No Structure Buffer, and 25-foot No Disturbance Buffer.

Bank in the Project Area is associated with an unnamed intermittent channel that periodically drains from the mapped PVP located east of existing poles 36-2 and 36.

No Project activities will be conducted within Inland Bank nor are Project activities anticipated to alter any areas of Bank.

3.2 Bordering Vegetated Wetland

According to 310 CMR 10.55, BVWs, and similarly in the Bylaw (Section 5.2), are freshwater wetlands which border on creeks, rivers, streams, ponds and lakes. The types of freshwater wetlands are wet meadows, marshes, swamps and bogs. BVWs are areas where the soils are saturated and/or inundated such that they support a predominance of wetland indicator plants. The ground and surface water regime and the vegetative community which occur in each type of freshwater wetland are specified in M.G.L. c. 131, § 40. BVWs are likely to be significant to public or private water supply, to ground water supply, to flood control, to storm damage prevention, to prevention of pollution, to the protection of fisheries and to wildlife habitat. A 100-foot buffer zone is associated with BVW. The Bylaw additionally prescribes a 200-foot buffer, 50-foot No Structure Buffer, and 25-foot No Disturbance Buffer from BVW.

One BVW system was field delineated within the Project Area. The BVW is located adjacent to proposed poles 51 through 49. Three additional BVW systems, between existing pole 34 and proposed pole 28 on Lake Road, were field verified and GPS located. These resource areas were not flagged in the field because they are located beyond the MECO easement.

No Project activities will be conducted within BVW nor are Project activities anticipated to alter any areas of BVW.

3.2 Land Under Water Ways and Water Bodies

Land Under Water Bodies and Waterways (LUW) as defined at 310 CMR 10.56 (2), and similarly in the Bylaw (Section 5.3), as the land beneath any creek, river, stream, pond or lake. LUW within the Project site is associated with Big Alum Pond.

No Project activities will be conducted within LUW nor are Project activities anticipated to alter any areas of LUW.

4.0 Project Description

Work proposed as part of this Project will occur within MECO's existing easements (i.e., through residential properties, and along Lake Road). The proposed work, subject to this application, involves the replacement, removal, and installation of electric distribution assets. NOI Permit Plans showing existing and proposed conditions are provided in Attachment C. The following sections outline the construction sequence and methods associated with the Project.

Construction would generally proceed in a sequential progression of activities as follows:

- ◆ Planned tree removals and vegetation management;
- ◆ Installation of soil erosion and sediment controls;
- ◆ Existing pole replacements;
- ◆ New pole installations;
- ◆ Planned guy and anchor installations;
- ◆ Overhead conductor and equipment installations and removals;
- ◆ Restoration of disturbed areas.

During construction, best management practices ("BMPs") specified in MECO's BMP Manual will be implemented to avoid and/or minimize potential impacts to the surrounding area and sensitive resources (see Attachment F for project specific BMPs).

5.0 Summary of Buffer Zone Impacts

Construction of the Project described above and illustrated on the NOI Permit Plans provided in Attachment C will result in unavoidable impacts to state and local buffer zones due to the functional layout of the required electric distribution equipment and the existing roadway layout. A comprehensive listing of all proposed impacts to state and local buffer zones are provided in Table 5-1. A more detailed description of the proposed activities in state and local buffer zones is provided in the following sections.

Table 5-1 Summary of Buffer Zone Impacts

Activity	100' BZ	200' BZ	50' BZ	25' BZ
Pole Replacement/Pole Maintenance				
Existing Pole 46-5	-	X	-	-
Existing Pole 48	-	X	-	-
Existing Pole 47	-	X	-	-
Existing Pole 46	-	X	-	-
Existing Pole 45	X	-	-	-
Existing Pole 37	-	-	X	-
Existing Pole 35	-	X	-	-
New Pole Installation				
Proposed Pole 51	-	-	X	-
Proposed Pole 50	-	-	X	-
Proposed Pole 49	-	-	-	X
Proposed Pole 44-1	-	X	-	-
Proposed Pole 30-1	-	X	-	-
Proposed Pole 29	-	X	-	-
Existing Pole Maintenance				
Existing Pole 28	X	-	-	-
Existing Pole 27	X	-	-	-
Tree Removal				
Span 55-3 to 51	4 Tree Removals	5 Tree Removals	1 Tree Removal	-
Span 51 to 50	-	-	3 Tree Removals	5 Tree Removals
Span 50 to 49	-	-	1 Tree Removal	5 Tree Removals
Span 45 to 44-1	2 Tree Removals	-	-	-
Span 35 to 34	5 Tree Removals	-	-	-
Span 30-1 to 29	3 Tree Removals	-	-	-
Span 29 to 28	3 Tree Removals	-	-	-

5.1 Pole Replacements and Installations

Seven existing distribution poles are scheduled for replacement, and seven new distribution poles are planned as part of the Project. It is important to note that all new poles will be installed within previously disturbed portions of the Lake Road footprint.

Wooden poles will be direct-embedded into the ground. Replacement poles will be replaced approximately five feet either ahead or behind the current alignment. Existing poles will continue to carry secondary or feeder conductors to residences along Lake Road. New pole locations have been staked in the field and are depicted in the NOI Permit Plans located in Attachment C.

Augured holes will be approximately five feet deep. Once excavations are complete, the pole will be placed, plumbed, and backfilled with crushed stone to a depth of approximately 12-inches below the ground surface. Existing soils and vegetation located within the replacement or new pole footprint will be used to restore the existing pole footprints. Any remaining excavation spoils will be properly removed from the site.

Removal of the existing poles will include systematically cutting the pole into segments and removal of the below ground section of pole. Pole segments will be removed from the Project site.

The total area of disturbance as a result of pole replacements and installs is estimated to be approximately 21 square feet (sf). This impact area assumes approximately 1.5 sf of ground disturbance per pole replacement/installation.

5.2 Guy Wires and Anchors

Replacement and new anchors will consist of “screw-in” style anchors that will be installed using hydraulic powered handheld equipment. Anchor installations result in minimal soil disturbance as they are driven directly into the ground surface without excavation and the anchoring mechanism is deployed as tension is added to the anchor rod. Once anchor installations are complete, guy wires will be attached to the pole and anchor.

As applicable, existing and deteriorated anchors will be cut at or below the ground surface. Tree guys at existing poles 48 and 27 will be removed as part of this Project. All waste materials will be removed from the site and disposed of properly.

5.3 Select Tree Removals and Vegetation Management

The MECO Forestry Department identified the need to selectively remove 37 trees within jurisdictional buffers along the Lake Road footprint. Selective tree removals occur in the following buffer zones:

- Seventeen (17) - 100-foot buffer zone,
- Five (5) - 200-foot buffer zone,

- Five (5) - 50-foot No Structure Zone, and
- Ten (10) - 25-foot No Disturb Zone.

The select tree removals are located along the length of the Project Area and are required for relocating primary overhead conductors to the Lake Road easement. Trees will be cut as close to the ground as possible to minimize safety hazards. To minimize soil disturbance and subsequent erosion, stumps and roots will remain in place. As necessary, each electrical conductor span within the Project Area will be trimmed/pruned to meet MECO clearance specifications.

6.0 Project Alternatives

Consideration of alternatives is a requirement under Section 3.5 (Limited Projects) and Section 4.13 (Waivers) of the Bylaw.

The Bylaw regulations at Section 3.5 (Limited Projects), state: *“In the exercise of this discretion, the Commission shall consider the following factors: the magnitude of the alteration and the significance of the project site to the interests identified, the availability of reasonable alternatives to the proposed activity, the extent to which adverse impacts are minimized, and the extent to which mitigation measures, including replication or restoration, are provided to contribute to the protection of the interests identified.”*

The Bylaw regulations at Section 4.13 (Waivers), state: *“a waiver to the 50-foot No Structure Buffer and the 25-foot No Disturbance Buffer, may be granted to applicants under the following circumstances: the area is previously disturbed and the proposed project will improve the protection to the resource area; or, the applicant can prove with documented evidence that there are no other substantially equivalent alternatives available. The applicant must show that measures will be incorporated into the project to ensure that there will be no negative impact to the resource area and must provide additional layers of protection equivalent to the value of the resource buffer being altered.”*

6.1 Preferred Alternative (the Project)

The Preferred Alternative involves the replacement, removal, and installation of electrical distribution assets (i.e., conductors, poles, and overhead hardware). As part of the work, portions of an existing primary electric distribution conductor will be relocated from an existing easement located within residential properties to the previously disturbed footprint of Lake Road. The work will result in approximately 21 sf of ground disturbance as a result of distribution pole replacements/installations. Additionally, the project will result in the removal of approximately 37 trees from jurisdictional buffers along Lake Road.

The preferred option will address the existing reliability concerns associated with current asset conditions and allow for unobstructed all-weather access to each distribution pole. Furthermore, future equipment access and staging along Lake Road, for routine utility maintenance activities, will improve the protection of adjacent resource areas (i.e., Big Alum Pond), and reduce the need

for vegetation management beyond the previously disturbed footprint of Lake Road. This alternative provides the best balance between electrical distribution operation and maintenance access needs, and future resource area impact avoidance/minimization associated with access and equipment staging. The preferred alternative will allow for periodic maintenance, minor electric distribution modifications and emergency repairs, that occur on a frequent basis, without further resource area and/or buffer impacts.

6.2 No Build Alternative

Under the No-Build alternative, MECO would take no action to address the identified electric distribution asset replacement need in the area. The current electric distribution system would remain unchanged.

The electric distribution asset replacement is needed to address current distribution reliability concerns identified by MECO (i.e., access restrictions to existing distribution pole locations), allow for more manageable access to pole locations during emergency and all-weather situations, and enhance the distribution system's overall operating capabilities. If the primary distribution conductor is not relocated to Lake Road, the outage contingency caused by existing conditions would remain unaddressed, and the distribution system would not meet relevant distribution reliability planning standards and criteria.

6.3 Other Easement Alternative

No other existing utility Easement exists between Big Alum Pond and Lake Road from Paradise Lane to Hemlock Path. This precludes the use of another existing easement to achieve the Project objectives with potentially less environmental impact. The preferred alternative is the shortest and most direct route that achieves the Project purpose and need.

The possibility of creating a new electric distribution easement along Lake Road was assessed as a possible means to achieve the Project objective however, for many reasons, was quickly dismissed as impracticable. The entire Project Area is located within a residential neighborhood. It would be extremely difficult to locate an easement that would not result in significant environmental, societal, and community impacts. Lastly, obtaining multiple new easements would add significant time and cost to the Project.

7.0 Mitigation Measures

The Project was designed to avoid and minimize work activities within wetland resource areas to the extent practicable. The planning and design portion of the Project incorporated several measures to avoid direct resource area impacts as discussed further in this section. Proposed distribution pole locations were sited to avoid encroaching upon wetlands and buffers to the extent practicable. The following sections provide more detail regarding avoidance and minimization concepts for work in or near wetlands.

7.1 Avoidance and Minimization Measures

Avoidance of wetland resource areas and buffers were considered during the early planning phase of the Project. As part of this process, the location for each new distribution pole was selected and modified until a balance between maximum wetland resource area and buffer avoidance and engineering requirements of distribution pole span lengths and conductor clearances could be achieved. Factors that specifically dictate work near wetland resource areas and buffers include the location of existing and proposed distribution poles, existing and proposed electrical conductors, and the location and limits of Lake Road.

7.2 Best Management Practices

To minimize wetland resource impacts during construction, construction crews will install straw wattle controls around each proposed structure replacement and structure installation located within the 100-foot buffer zone. Following the completion of each distribution pole replacement/installation, all disturbed areas within the Project Area will be graded and mulched to stabilize soil disturbance.

MECO's Environmental Guidance Document (EG-303NE) outlines the BMPs utilized on all MECO projects. A copy of the relevant sections of EG-303NE are included as Attachment F.

7.3 Construction Compliance Monitoring

A MECO construction supervisor will be responsible for daily inspections of work areas during the construction period and will address potential issues related to the environment (e.g., sediment migration, erosion controls, etc.). The construction supervisor will be on-site daily to perform required inspections and has stop work authority.

8.0 Regulatory Compliance

The Project is needed to improve electric distribution reliability to residences along Lake Road in Sturbridge. The Project has been designed to avoid alterations to wetland resource areas to the maximum extent practicable. As described above work is proposed within the WPA and local 100-foot buffer zone to BVW and bank. Work is also proposed within the locally protected 200-foot buffer zone, 50-foot No Structure Buffer, and 25-foot No Disturbance Buffer. Information demonstrating compliance with the applicable performance standards is provided below.

8.1 Consistency of the Project with WPA

Construction of the Project is not anticipated to result in impacts to wetland resource areas. Project related impacts will be limited to the 100-foot buffer zone to BVW and bank. Construction period and post construction period mitigation measures, as described in Section 7, are proposed to protect the proximate resource areas associated with BVW and inland bank.

8.2 Consistency of the Project with the Town of Sturbridge Wetland Bylaw (Chapter 3)

The Town of Sturbridge Wetland Bylaw has some concurrent jurisdiction with the Massachusetts Wetlands Protection Act (G.L. Ch. 131 § 40) and Regulations (310 CMR 10.00). However, the Sturbridge Bylaw is adopted under the Home Rule Amendment of the Massachusetts Constitution and statutes. The following sections discuss compliance with local regulations that apply to the Project.

8.2.1 Consistency of the Project with the Bylaw – Limited Project (Section 3.5)

The construction of the Project in buffer zones with impacts in excess of the typical impact limits is allowed at the discretion of the Conservation Commission under the “Limited Project Provisions” of the Bylaw (Section 3.5). Under these provisions, the construction, reconstruction, operation and maintenance of overhead public utilities, such as electrical distribution lines, may be permitted in accordance with the following conditions as well as any additional conditions deemed necessary by the issuing authority:

- 1. There shall occur no change in the existing topography or the existing soil and surface water levels of the area;*

The installation of seven distribution poles within the previously disturbed footprint of Lake Road will not result in a change to the existing topography, nor will the work result in a change to soil and surface water levels.

- 2. No fertilizers, pesticides, herbicides, salts and other such materials shall be used within 200 feet of any resource area except by Massachusetts state license applicators;*

The Project does not include the use of fertilizers, pesticides, herbicides, or salts within 200-feet of resource areas.

- 3. All activities shall be undertaken in such a manner as to prevent erosion and siltation of adjacent resource areas;*

As discussed in Section 7 of this narrative, to minimize wetland resource impacts during construction, construction crews will install straw wattle controls around each proposed structure replacement and structure installation located within the 100-foot buffer zone. Following the completion of each distribution pole replacement/installation, all disturbed areas within the Project Area will be graded and mulched to stabilize disturbed soils.

- 4. A minimum of 2:1 in-kind mitigation shall be provided for any and all resource area disturbance. Riverfront resource area shall also be mitigated at a minimum ratio of 2:1.*

The Project will not result in impacts to jurisdictional resource areas, nor will the project result in impact to Riverfront Area.

8.2.2 Consistency of the Project with the Bylaw – Waivers (Section 4.13)

As set forth in the Bylaw, *a waiver to the 50-foot No Structure Buffer and the 25-foot No Disturbance Buffer, may be granted to applicants under the following circumstances: the area is*

previously disturbed and the proposed project will improve the protection to the resource area; or, the applicant can prove with documented evidence that there are no other substantially equivalent alternatives available. The applicant must show that measures will be incorporated into the project to ensure that there will be no negative impact to the resource area and must provide additional layers of protection equivalent to the value of the resource buffer being altered.

The Project includes the replacement and installation of electric distribution poles and overhead conductors. These activities will include unavoidable minor impacts within locally regulated buffer zones. It is important to note that all work will be located within an active electric distribution easement located within residential properties and along the shoulder of an existing private roadway (i.e., Lake Road). All proposed buffer zone disturbances associated with the Project will occur within previously disturbed areas.

Work proposed within the 25-foot No Disturbance Buffer and 50-foot No Structure Buffer is temporary, will include only minor and temporary ground disturbance, will not change the nature of the buffer zone in those areas, will not add significant impervious surfaces, no fertilizers or potential pollutant sources will be introduced to the buffer, no significant vegetation will be removed from the buffer, and drainage patterns will be unaffected by the proposed activities, and accordingly the ability of wetlands adjacent to Lake Road will be unaffected.

Relocating portions of the existing electric distribution line to the Lake Road footprint will improve electrical reliability and allow for unobstructed all-weather access to the electric distribution assets. Future equipment access and staging along Lake Road, for routine maintenance activities, will improve the protection of adjacent resource areas, and reduce the need for vegetation management beyond the previously disturbed footprint of Lake Road.

The Project is proposed within existing easements within residential properties and the previously disturbed footprint of Lake Road. Use of existing easements generally reduces costs, negates the need to acquire new property rights or engage in land takings, reduces socio-economic impacts and acts to restrict impacts to areas that have been previously disturbed.

As part of the Project, MECO prepared a detailed alternatives analysis that evaluated numerous alternatives, including a “Preferred Alternative”, a “No-Build Alternative” and a “Other Easement Alternative”. Based on this analysis it was determined that there are no practicable alternatives to the Project with less adverse environmental effects than the Preferred Alternative. The complete Project alternatives analysis is provided in Section 6.

Lastly, the Project will include the use of erosion and sedimentation controls (straw wattle) around each proposed structure replacement and structure installation located within the 100-foot buffer zone. Sedimentation controls will help to prevent sediment migration to adjacent resource areas. Following the completion of each distribution pole replacement/installation, all disturbed areas within the Project Area will be graded and mulched to stabilize soil disturbance.

8.2.3 Consistency of the Project with the Bylaw - Tree Cutting (Section 6.2)

As set forth in the Bylaw, the following guidelines shall apply for trees or vegetation that needs to be altered or removed:

1. *No disturbance of trees or other vegetation is allowed within the first 25-feet to any resource area. A Tree Removal Permit Application may be filed for the removal of a tree if it is hazardous, dead, or documentation can be provided that the tree is diseased or in poor health. The Commission may allow the removal of a healthy tree but requires mitigation in the form of replacement in such situations.*

As part of the Project, selective tree removal and vegetation management within the 25-foot No Disturbance Buffer is unavoidable due to the existing layout of Lake Road and adjacent wetland resource areas. The proposed electric distribution assets will be located along the previously disturbed roadway to minimize Project related disturbance, to allow for future equipment access, and to improve electric distribution reliability. The 10 trees selected for removal, within the 25-foot No Disturbance Zone, have been determined to be a hazard to the existing and proposed electric distribution assets that are or will be located along Lake Road. Mitigation for selective tree cutting along the roadway and electric distribution easement is not feasible due to required electric distribution conductor clearance specifications. Areas where trees are removed will be allowed to revegetate naturally from existing seed banks.

2. *For the proposed cutting of trees or more than 10% of the vegetation within the 100-foot buffer zone a Request for Determination must be filed. Likewise, the cutting of trees or more than 10% of the vegetation within the 100 to 200-foot buffer will require the filing of a Bylaw Permit Application. Should a permit be issued, the following BMPs shall be required:*
 - a. *No Stumps shall be removed within the first 50-feet to a resource area. Stumps may be ground below the surface and loamed and seeded.*
 - b. *Plans for removal of trees or vegetation on slopes must also contain plans to replace the erosion control values being lost. Tree or vegetation removal will only be allowed if there is not an increased risk of erosion to resource areas.*
 - c. *Tree removal within the first 50 feet of any resource area will only be allowed if there is not a significant change to the canopy.*

No tree stumps will be removed as part of the work, and there will be no increase or risk of soil erosion as a result of select tree removals.

Proposed select tree cutting will include only minor and temporary ground disturbance, will not change the nature of the buffer zone, and drainage patterns will be unaffected by the proposed activities. Accordingly, there will be no increased risk of soil erosion to adjacent resource areas. Disturbed areas will be graded and mulched as necessary.

The select tree removals within the 50-foot No Structure Buffer will not change the vegetative cover type or canopy cover that is currently present along the Lake Road easement. In many cases, trees identified for removal are located along the edge of contiguous stands of forested areas. Mainly, the trees identified for removal lean into or towards the roadway and cause an obstruction for proposed and existing overhead conductors. Any alteration of vegetation will be minor, and work areas will be monitored until they are restored, which will result in the roadway easement appearing and functioning as it does in the pre-construction condition. No significant loss of wildlife habitat is proposed, and any temporal disturbance to habitat will be naturally restored to its original condition shortly after Project construction leading to no permanent impact to habitat within the active roadway easement.

8.3 Stormwater Management Standards and Guidelines

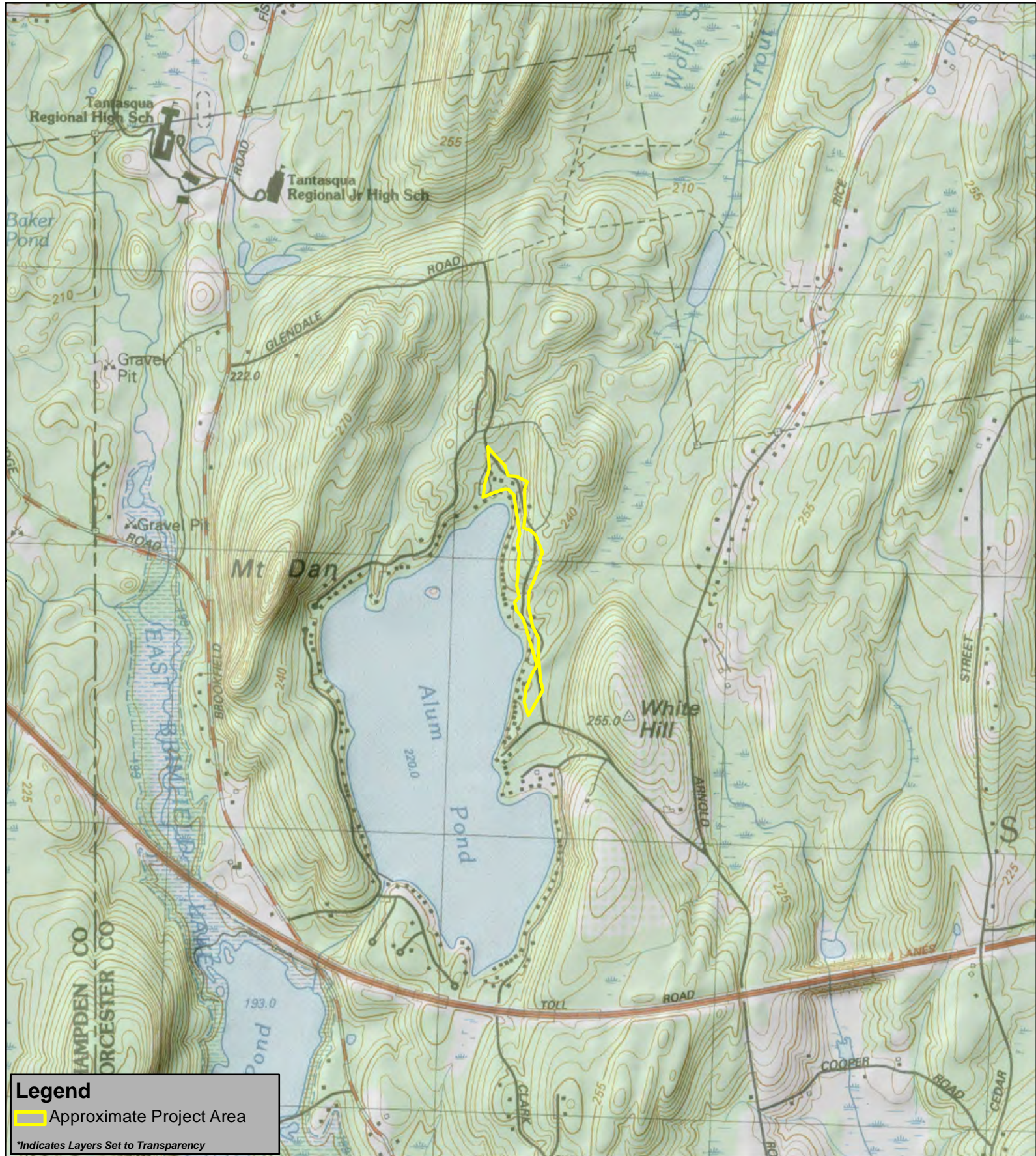
Project compliance with the 10 stormwater performance standards developed by MassDEP are demonstrated in Attachment G – Stormwater Checklist.

9.0 Conclusions

The information contained in this NOI describes the site, proposed work and the effect of said work on the interests identified in the WPA and Bylaw and further demonstrates that the Project can be constructed in accordance with the applicable performance standards for work in applicable buffer zones. Appropriate sedimentation and erosion control measures and other construction period BMPs will be employed by the site contractor to avoid altering adjacent wetland resource areas during construction. The Applicant therefore respectfully requests that the Commission issue an Order of Conditions approving the Project with appropriate conditions to protect the interests identified in M.G.L. c. 131 §40 and the Sturbridge Wetland Bylaw.

Attachment B

Figures



**MASSACHUSETTS ELECTRIC COMPANY
LAKE ROAD ELECTRIC DISTRIBUTION
ASSET REPLACEMENT PROJECT**

**Figure 1
USGS Locus Map**

Town of Sturbridge, Massachusetts

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community






Legend

 Approximate Project Area

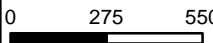
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N



1 inch = 550 feet

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Feet

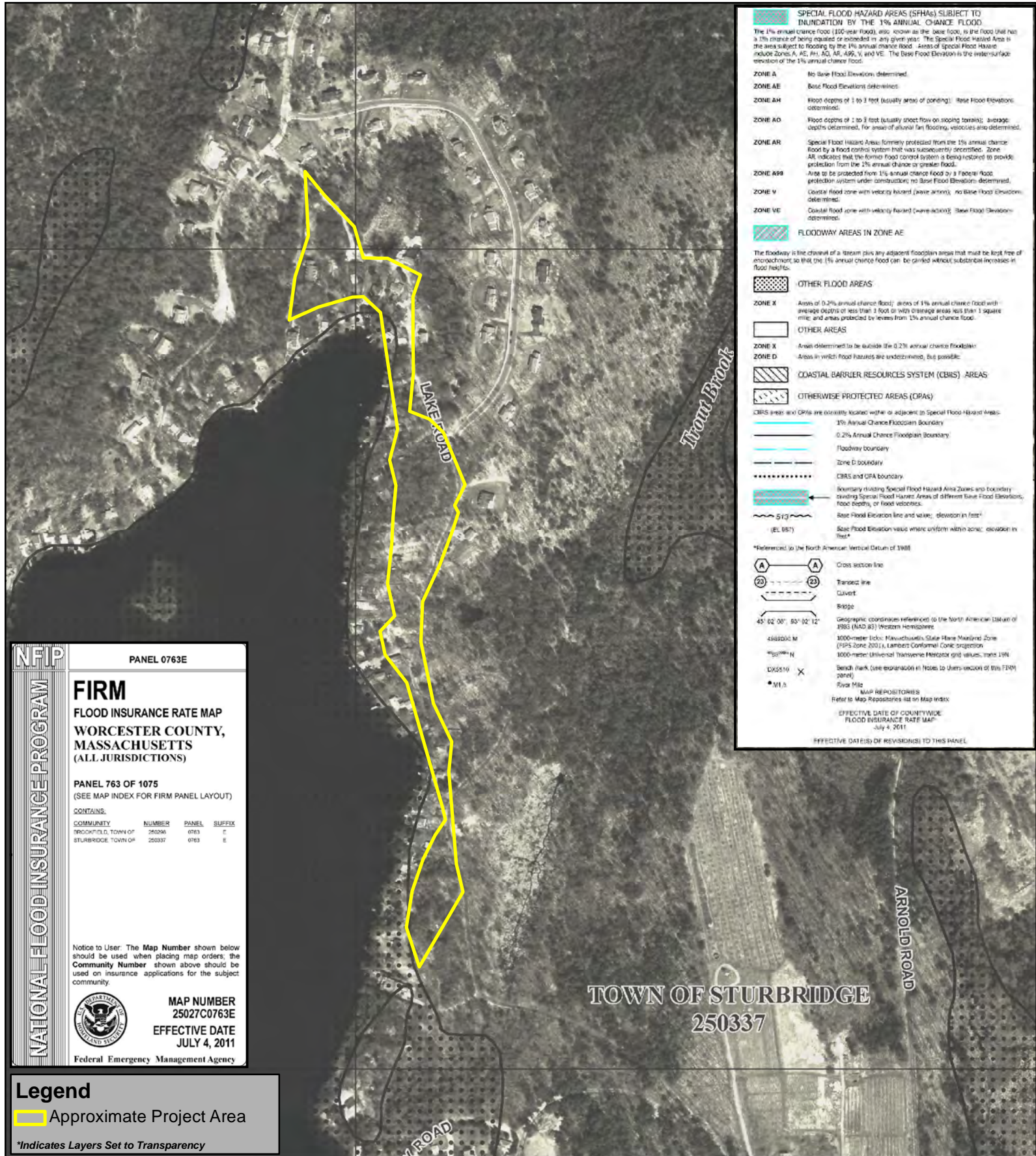
MASSACHUSETTS ELECTRIC COMPANY
LAKE ROAD ELECTRIC DISTRIBUTION
ASSET REPLACEMENT PROJECT

Figure 2
Aerial Locus Map

Town of Sturbridge, Massachusetts

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, APF, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined, for areas of atypical fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Areas: formerly protected from the 1% annual chance flood by a flood control system that was subsequently destroyed. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood. Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevation determined.

ZONE APF Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevation determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from the 1% annual chance flood.

OTHER AREAS

ZONE D Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are generally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary between Special Flood Hazard Area Zones and boundary between Special Flood Hazard Areas of different base flood elevations, flood depths, or flood velocities.

Base Flood Elevation line and value; elevation in feet (EL 987)

Base Flood Elevation value where uniform within zone; elevation in feet

*Referenced to the North American Vertical Datum of 1988

Cross section line

Transect line

Cluvert

Bridge

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

486000 M

1000-meter UTM; Massachusetts State Plane Meters Zone (NAD 83) Western Hemisphere

1000-meter Universal Transverse Mercator grid values, units: M

Bench mark (see explanation in Notes to users section of this FIRM panel)

Point of Interest

MAP REPOSITORIES

Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP: July 4, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

NFIP

PANEL 0763E

FIRM

FLOOD INSURANCE RATE MAP

WORCESTER COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)

PANEL 763 OF 1075
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
STURBRIDGE, TOWN OF	250337	0763	E
STURBRIDGE, TOWN OF	250337	0763	E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
25027C0763E

EFFECTIVE DATE
JULY 4, 2011

Federal Emergency Management Agency

Legend

Approximate Project Area

*Indicates Layers Set to Transparency

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1 inch = 500 feet

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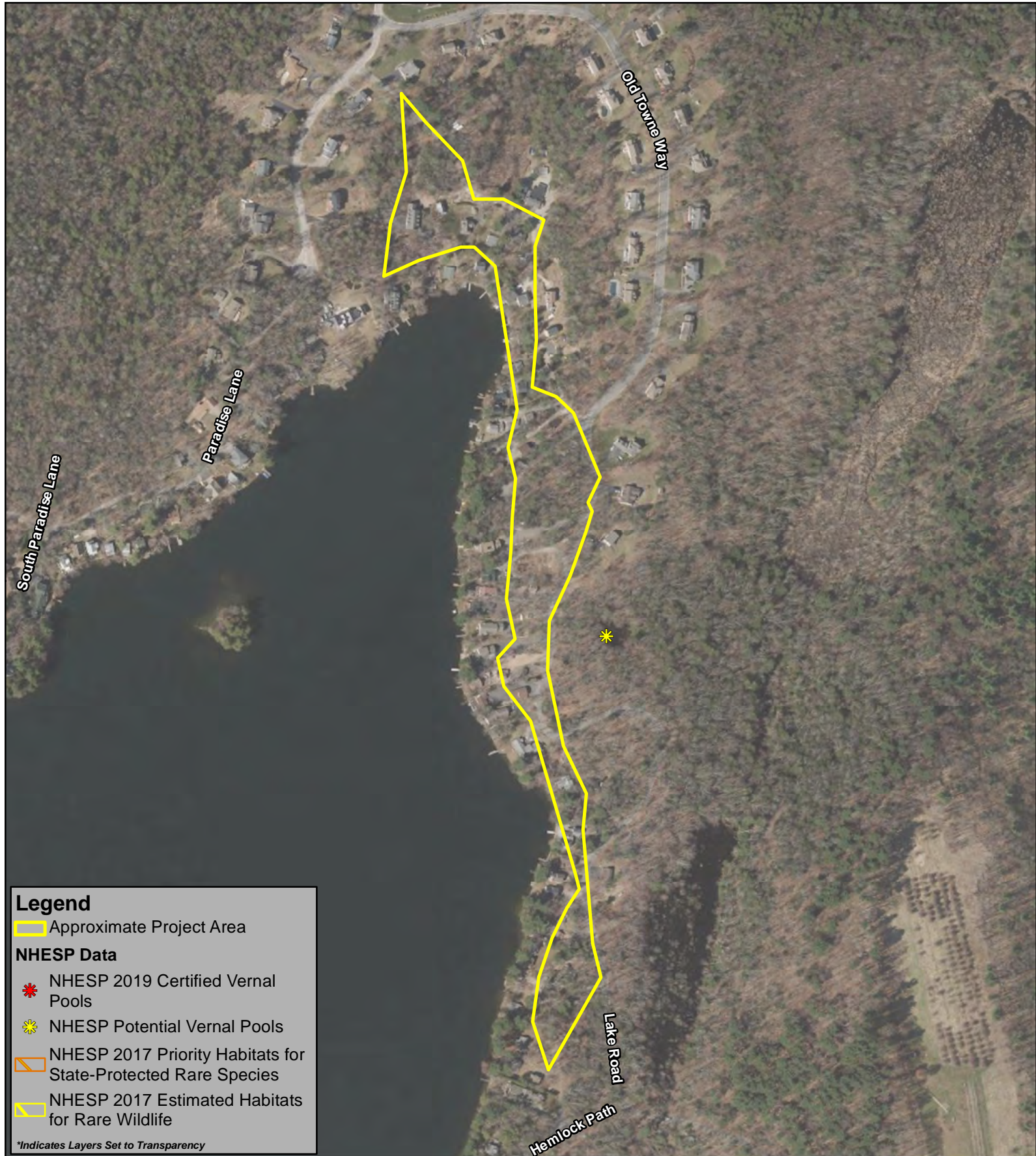
Feet

MASSACHUSETTS ELECTRIC COMPANY
LAKE ROAD ELECTRIC DISTRIBUTION
ASSET REPLACEMENT PROJECT

Figure 3
FEMA Firm Map (Panel 25027C0763E)
 Town of Sturbridge, Massachusetts

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





Legend

- Approximate Project Area
- NHESP Data**
- NHESP 2019 Certified Vernal Pools
- NHESP Potential Vernal Pools
- NHESP 2017 Priority Habitats for State-Protected Rare Species
- NHESP 2017 Estimated Habitats for Rare Wildlife

**Indicates Layers Set to Transparency*

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1 inch = 550 feet

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Feet

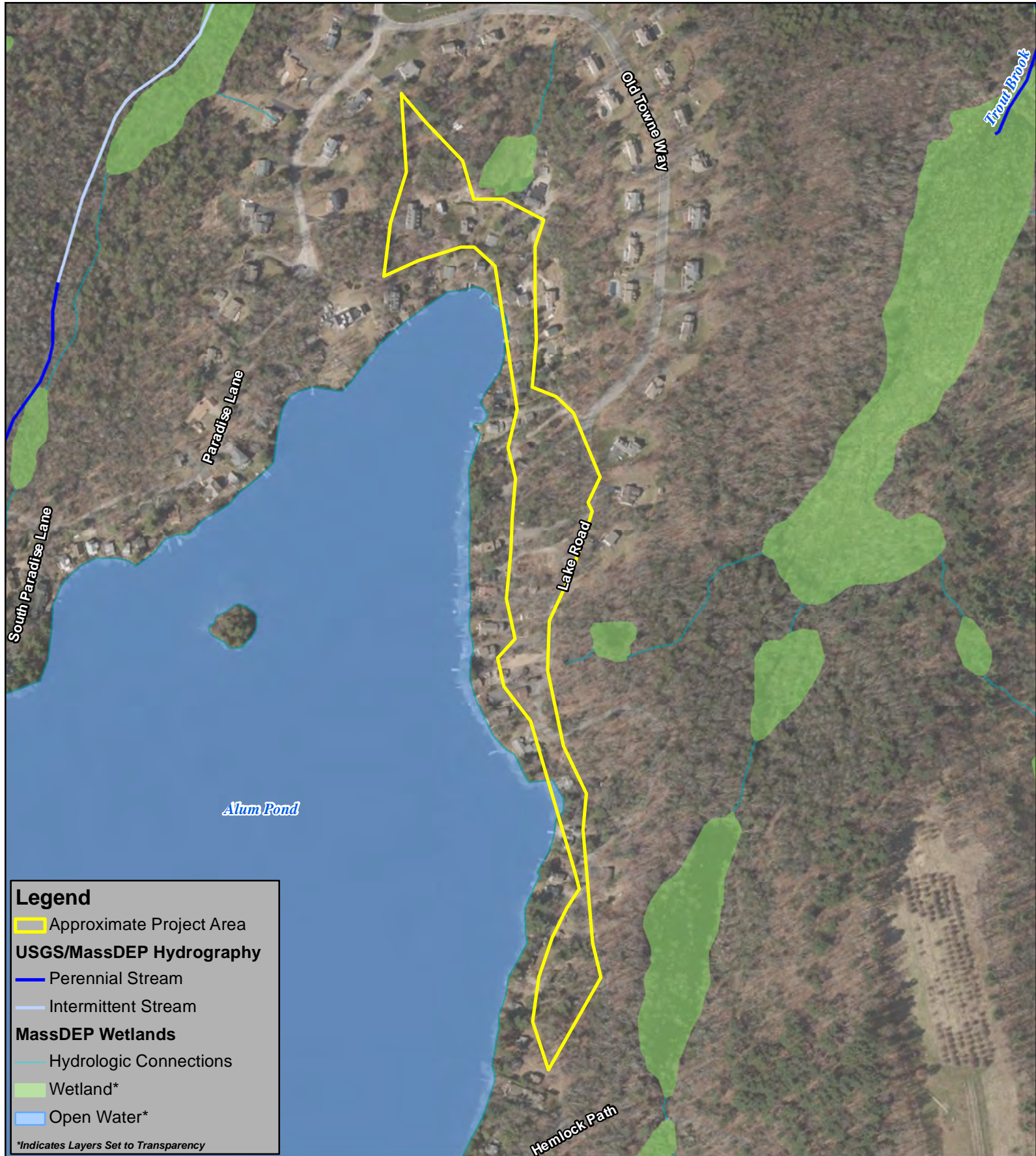
**MASSACHUSETTS ELECTRIC COMPANY
LAKE ROAD ELECTRIC DISTRIBUTION
ASSET REPLACEMENT PROJECT**

**Figure 4
NHESP Habitat Map**

Town of Sturbridge, Massachusetts

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





Legend

- Approximate Project Area

USGS/MassDEP Hydrography

- Perennial Stream
- Intermittent Stream

MassDEP Wetlands

- Hydrologic Connections
- Wetland*
- Open Water*

*Indicates Layers Set to Transparency

N

1 inch = 550 feet

0 275 550

Feet

**MASSACHUSETTS ELECTRIC COMPANY
 LAKE ROAD ELECTRIC DISTRIBUTION
 ASSET REPLACEMENT PROJECT**

**Figure 5
 MassDEP Wetlands Map
 Town of Sturbridge, Massachusetts**

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Attachment C

NOI Permit Plans



Legend

- Existing Pole
- Proposed Pole Replacement
- New Pole Installation
- Remove Tree Guy & Install Deadend Anchor & Guy
- Proposed Anchor Location
- Wetland Flags
- Stream Flags
- Culvert
- Trees Proposed for Removal
- ▬ Sediment Control
- ▬ Delineated Stream Centerline
- ▬ Delineated Wetland Boundary
- ▬ Field Verified Wetland
- ▬ 25-foot Wetland Buffer
- ▬ 50-foot No Structure Buffer
- ▬ 100-foot Wetland Buffer
- ▬ 200-foot Buffer

NHESP Data

- NHESP Potential Vernal Pools

USGS/MassDEP Hydrography

- ▬ Perennial Stream
- ▬ Intermittent Stream

MassDEP Wetlands

- ▬ Hydrologic Connections
- ▬ Wetland*
- ▬ Open Water*

**Indicates Layers Set to Transparency*

Resource Areas Reviewed:
 MADEP Tier Classified Oil and/or Hazardous Material Sites (21E);
 MADEP Oil and/or Hazardous Material Sites with Activity and Use
 Limitations; Certified Vernal Pools; Potential Vernal Pools; NHESP
 Priority Habitats; NHESP Estimated Habitats; NHESP Restricted
 Data; Hydrography; MADEP Hydrologic Connections; MADEP
 Wetlands; FEMA 100yr Floodplain; Public Water Supply; Zone II
 Wellhead Protection Area; Interim Wellhead Protection Area;
 Surface Water Protection Zone; Outstanding Resource Water;
 Areas of Critical Environmental Concern; Watershed Protection Act
 Zones; Ch. 91 Tidelands Jurisdiction; Article 97 Land; Landfills
 ([Not]Capped, [Un]Lined, [In]Active, Closed)

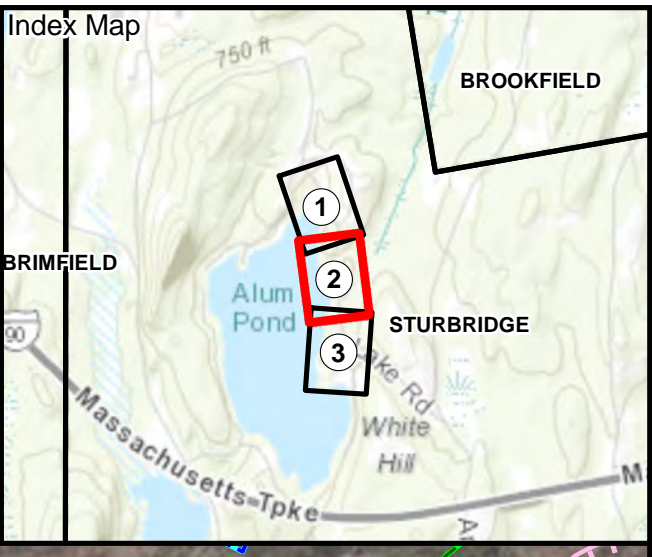
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 Feet

**MASSACHUSETTS ELECTRIC COMPANY
 LAKE ROAD ELECTRIC DISTRIBUTION
 ASSET REPLACEMENT PROJECT**

NOI Permit Plan

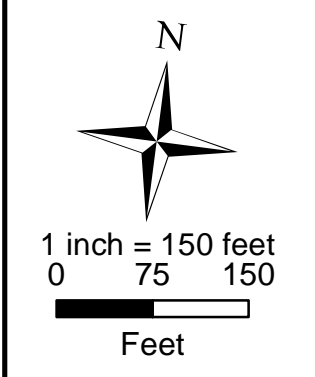
Town of Sturbridge, Massachusetts
 Page 1 of 3

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



- Legend**
- Existing Pole
 - Proposed Pole Replacement
 - New Pole Installation
 - Remove Tree Guy & Install Deadend Anchor & Guy
 - Proposed Anchor Location
 - Wetland Flags
 - Stream Flags
 - Culvert
 - Trees Proposed for Removal
 - Sediment Control
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 - Delineated Wetland Boundary
 - Field Verified Wetland
 - 25-foot Wetland Buffer
 - 50-foot No Structure Buffer
 - 100-foot Wetland Buffer
 - 200-foot Buffer
- NHESP Data**
- NHESP Potential Vernal Pools
- USGS/MassDEP Hydrography**
- Perennial Stream
 - Intermittent Stream
- MassDEP Wetlands**
- Hydrologic Connections
 - Wetland*
 - Open Water*
- *Indicates Layers Set to Transparency*

Resource Areas Reviewed:
 MADEP Tier Classified Oil and/or Hazardous Material Sites (21E);
 MADEP Oil and/or Hazardous Material Sites with Activity and Use
 Limitations; Certified Vernal Pools; Potential Vernal Pools; NHESP
 Priority Habitats; NHESP Estimated Habitats; NHESP Restricted
 Data; Hydrography; MADEP Hydrologic Connections; MADEP
 Wetlands; FEMA 100yr Floodplain; Public Water Supply; Zone II
 Wellhead Protection Area; Interim Wellhead Protection Area;
 Surface Water Protection Zone; Outstanding Resource Water;
 Areas of Critical Environmental Concern; Watershed Protection Act
 Zones; Ch. 91 Tidelands Jurisdiction; Article 97 Land; Landfills
 ([Not]Capped, [Un]Lined, [In]Active, Closed)



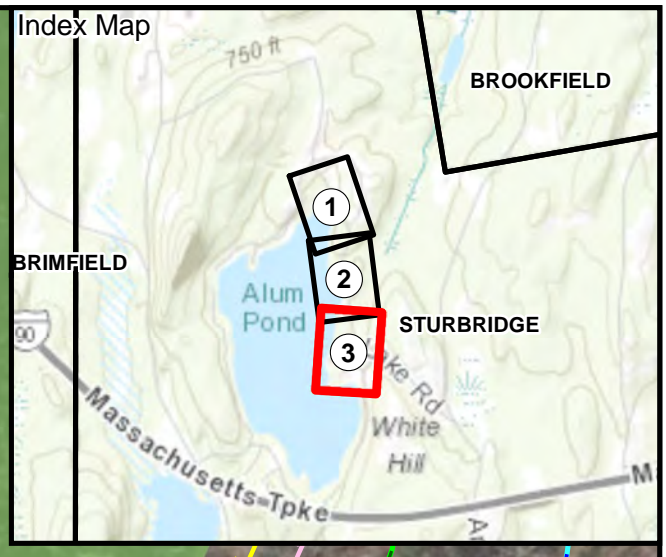
**MASSACHUSETTS ELECTRIC COMPANY
 LAKE ROAD ELECTRIC DISTRIBUTION
 ASSET REPLACEMENT PROJECT**

NOI Permit Plan

Town of Sturbridge, Massachusetts
 Page 2 of 3

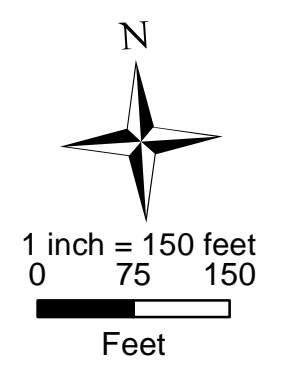
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





- Legend**
- Existing Pole
 - Proposed Pole Replacement
 - New Pole Installation
 - Remove Tree Guy & Install Deadend Anchor & Guy
 - Proposed Anchor Location
 - Wetland Flags
 - Stream Flags
 - ⊗ Culvert
 - Trees Proposed for Removal
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 - Field Verified Wetland
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 - 200-foot Buffer
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 - NHESP Potential Vernal Pools
 - USGS/MassDEP Hydrography**
 - Perennial Stream
 - Intermittent Stream
 - MassDEP Wetlands**
 - Hydrologic Connections
 - Wetland*
 - Open Water*
- *Indicates Layers Set to Transparency*

Resource Areas Reviewed:
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 MADEP Oil and/or Hazardous Material Sites with Activity and Use
 Limitations; Certified Vernal Pools; Potential Vernal Pools; NHESP
 Priority Habitats; NHESP Estimated Habitats; NHESP Restricted
 Data; Hydrography; MADEP Hydrologic Connections; MADEP
 Wetlands; FEMA 100yr Floodplain; Public Water Supply; Zone II
 Wellhead Protection Area; Interim Wellhead Protection Area;
 Surface Water Protection Zone; Outstanding Resource Water;
 Areas of Critical Environmental Concern; Watershed Protection Act
 Zones; Ch. 91 Tidelands Jurisdiction; Article 97 Land; Landfills
 ([Not]Capped, [Un]Lined, [In]Active, Closed)



**MASSACHUSETTS ELECTRIC COMPANY
 LAKE ROAD ELECTRIC DISTRIBUTION
 ASSET REPLACEMENT PROJECT**

NOI Permit Plan

Town of Sturbridge, Massachusetts
 Page 3 of 3

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Attachment D

Site Photographs



Photo 1: View south from existing pole 55-3 towards proposed pole 51 (see yellow arrow). Ten (10) trees are proposed for removal from this conductor span. Trees will be removed along the east side of Lake Road in this location.



Photo 2: View south of the proposed location for pole 50 (see yellow arrow). A BVW is located along the east side of Lake Road in this location. Eight (8) trees will be removed between span 51 to 50.

Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA



Photo 3: View south of the proposed location for pole 49 (see yellow arrow). A BVW is located to the east of this location. Six (6) trees will be removed from span 50 to 49.



Photo 4: View east of the proposed location for pole 49. A BVW is located east of the proposed pole location.

Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA



Photo 5: View west of existing pole 45. This existing pole is scheduled for replacement.



Photo 6: View north of the proposed location for pole 44-1 (see yellow arrow). Two (2) trees will be removed from span 45 to 44-1.

Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA



Photo 7: View east of BVW/PVP located in the vicinity of existing poles 36-2 and 36, and approximately 100' from Lake Road. There is no ground disturbing activities proposed within 200' of this resource area.



Photo 8: View north of existing span 35 to 34. Five (5) trees will be removed from this span.

Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA



Photo 9: View north of the proposed location for pole 30-1. This proposed pole is located within 200' of BVW.



Photo 10: View north of two (2) trees to be removed between span 30-1 to 29.

Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA



Photo 11: View south of the location for proposed pole 29 (see yellow arrow). This new pole is located within 200' of a BVW.



Photo 12: View west of the location for proposed pole 28 (see yellow arrow). Three (3) trees will be removed from this location within span 29 to 28.

Lake Road Electric Distribution Asset Replacement Project, Sturbridge, MA

Attachment E

Wetland Determination Data Forms

WETLAND DELINEATION DATA FORM - Northcentral and Northeast Region

Upgradient of Wetland Flag WF-7

Project/Site: Lake Road City/County: Sturbridge/Worcester Sampling Date: 2/12/2020
 Applicant/Owner: MECO State: MA Sampling Point: WF-7
 Investigator(s): MK Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Glacial Outwash Local relief (concave, convex, none): none Slope (%): 0-1
 Subregion (LRR or MLRA): LRR R Lat: 42.150689 Long: -72.116789 Datum: NAD83
 Soil Map Unit Name: Charlton/Paxton NWI classification: N/A
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____ No <u>X</u>	Is the Sampled Area Within a Wetland? Yes _____ No <u>X</u> If yes, optional Wetland Site ID: _____
Hydric Soil Present?	Yes _____ No <u>X</u>	
Wetland Hydrology Present?	Yes _____ No <u>X</u>	

Remarks: (Explain alternative procedures here or in a separate report.)
 Plot was located approximately 10' upgradient of wetland flag WF-7.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:		Wetland Hydrology Present? Yes _____ No <u>X</u>
Surface Water Present? Yes _____ No <u>X</u>	Depth (inches): _____	
Water Table Present? Yes _____ No <u>X</u>	Depth (inches): _____	
Saturation Present? Yes _____ No <u>X</u> (includes capillary fringe)	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION Upgradient

Sampling Point: WF-7

Common Name	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ <u>2</u> (A) Total Number of Dominant Species Across All Strata: _____ <u>8</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ <u>25.0%</u> (A/B)
Tree Stratum (Plot size: <u>30'</u> radius)					
1. red oak	<i>Quercus rubra</i>	5	yes	FACU	
2. gray birch	<i>Betula populifolia</i>	5	yes	FAC	
3. white pine	<i>Pinus strobus</i>	20	yes	FACU	
4. eastern hemlock	<i>Tsuga canadensis</i>	5	yes	FACW	
5. white birch	<i>Betula alba</i>	5	no	FAC	
6. red maple	<i>Acer rubrum</i>	5	no	FAC	
7. _____	_____	_____	_____	_____	
		<u>45</u> = Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)					
1. red oak	<i>Quercus rubra</i>	5	yes	FACU	
2. gray birch	<i>Betula populifolia</i>	5	yes	FAC*	
3. white pine	<i>Pinus strobus</i>	5	yes	FACU	
4. red maple	<i>Acer rubrum</i>	5	yes	FAC*	
5. _____	_____	_____	_____	_____	
6. _____	_____	_____	_____	_____	
7. _____	_____	_____	_____	_____	
		<u>20</u> = Total Cover			
Herb Stratum (Plot size: <u>5'</u> radius)					
1. _____	_____	_____	_____	_____	
2. _____	_____	_____	_____	_____	
3. _____	_____	_____	_____	_____	
4. _____	_____	_____	_____	_____	
5. _____	_____	_____	_____	_____	
6. _____	_____	_____	_____	_____	
7. _____	_____	_____	_____	_____	
8. _____	_____	_____	_____	_____	
9. _____	_____	_____	_____	_____	
10. _____	_____	_____	_____	_____	
11. _____	_____	_____	_____	_____	
12. _____	_____	_____	_____	_____	
		<u>0</u> = Total Cover			
Woody Vine Stratum (Plot size: <u>30'</u> radius)					
1. _____	_____	_____	_____	_____	
2. _____	_____	_____	_____	_____	
3. _____	_____	_____	_____	_____	
4. _____	_____	_____	_____	_____	
		<u>0</u> = Total Cover			

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____
Prevalence Index = B/A = _____	

Hydrophytic Vegetation Indicators:

____ 1 - Rapid Test for Hydrophytic Vegetation

____ 2 - Dominance Test is >50%

____ 3 - Prevalence Index is ≤ 3.0¹

____ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

____ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes _____ No X

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Upgradient

Sampling Point: WF-7

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)							
Depth (inches)	Matrix		Redox Features			Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹		
0-1	10YR3/2	100				fsl	Ap
1-18+	10YR3/6	100				fsl	Bw - HTM (gravelly)

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M-Matrix.

Hydric Soil Indicators:

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)
- Dark Surface (S7) (LRR R, MLRA 149B)

- Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- Thin Dark Surface (S9) (LRR R, MLRA 149B)
- Loamy Mucky Mineral (F1) (LRR K, L)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- Coast Prairie Redox (A16) (LRR K, L, R)
- 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- Dark Surface (S7) (LRR K, L)
- Polyvalue Below Surface (S8) (LRR K, L)
- Thin Dark Surface (S9) (LRR K, L)
- Iron-Manganese Masses (F12) (LRR K, L, R)
- Piedmont Floodplain Soils (F19) (MLRA 149B)
- Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- Red Parent Material (TF2)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

WETLAND DELINEATION DATA FORM - Northcentral and Northeast Region

Downgradient of Wetland Flag WF-7

Project/Site: Lake Road City/County: Sturbridge/Worcester Sampling Date: 2/12/2020
 Applicant/Owner: MECO State: MA Sampling Point: WF-7
 Investigator(s): MK Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): 0-1
 Subregion (LRR or MLRA): LRR R Lat: 42.150689 Long: -72.116789 Datum: NAD83
 Soil Map Unit Name: Charlton/Paxton NWI classification: PEM1E
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area Within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	

Remarks: (Explain alternative procedures here or in a separate report.)
 Plot was located approximately 5' downgradient of wetland flag WF-7.

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input checked="" type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
---	---

Field Observations: Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u> </u> Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>0"</u> Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>0"</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
--	---

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION Downgradient

Sampling Point: WF-7

Common Name	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: <u>30'</u> radius)				
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
		<u>0</u>	= Total Cover	

Common Name	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1.	red maple	10	yes	FAC*
2.	speckled alder	20	yes	FACW*
3.	gray birch	15	yes	FACW*
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
		<u>45</u>	= Total Cover	

Common Name	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
Herb Stratum (Plot size: <u>5'</u> radius)				
1.	cattail	30	yes	OBL*
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
8.	_____	_____	_____	_____
9.	_____	_____	_____	_____
10.	_____	_____	_____	_____
11.	_____	_____	_____	_____
12.	_____	_____	_____	_____
		<u>30</u>	= Total Cover	

Common Name	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
		<u>0</u>	= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: _____ 4 (A)

Total Number of Dominant Species Across All Strata: _____ 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: _____ 100.00% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____
Prevalence Index = B/A = _____	

Hydrophytic Vegetation Indicators:

_____ 1 - Rapid Test for Hydrophytic Vegetation

2 - Dominance Test is >50%

_____ 3 - Prevalence Index is ≤ 3.0¹

_____ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

_____ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No _____

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Downgradient

Sampling Point: WF-7

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
12-0	10YR2/1							Oa - muck
0-8	10YR6/2	95	10YR4/6	5	C	M	lfs	Bw - fine gravel present

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M-Matrix.

Hydric Soil Indicators:

- Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)
- Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L)
- Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)
- Stratified Layers (A5) Depleted Matrix (F3)
- Depleted Below Dark Surface (A11) Redox Dark Surface (F6)
- Thick Dark Surface (A12) Depleted Dark Surface (F7)
- Sandy Mucky Mineral (S1) Redox Depressions (F8)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)
- Dark Surface (S7) (LRR R, MLRA 149B)

Indicators for Problematic Hydric Soils³:

- 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- Coast Prairie Redox (A16) (LRR K, L, R)
- 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- Dark Surface (S7) (LRR K, L)
- Polyvalue Below Surface (S8) (LRR K, L)
- Thin Dark Surface (S9) (LRR K, L)
- Iron-Manganese Masses (F12) (LRR K, L, R)
- Piedmont Floodplain Soils (F19) (MLRA 149B)
- Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- Red Parent Material (TF2)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes X No _____

Remarks:

Attachment F

NGRID BMP Specifications

SUBJECT

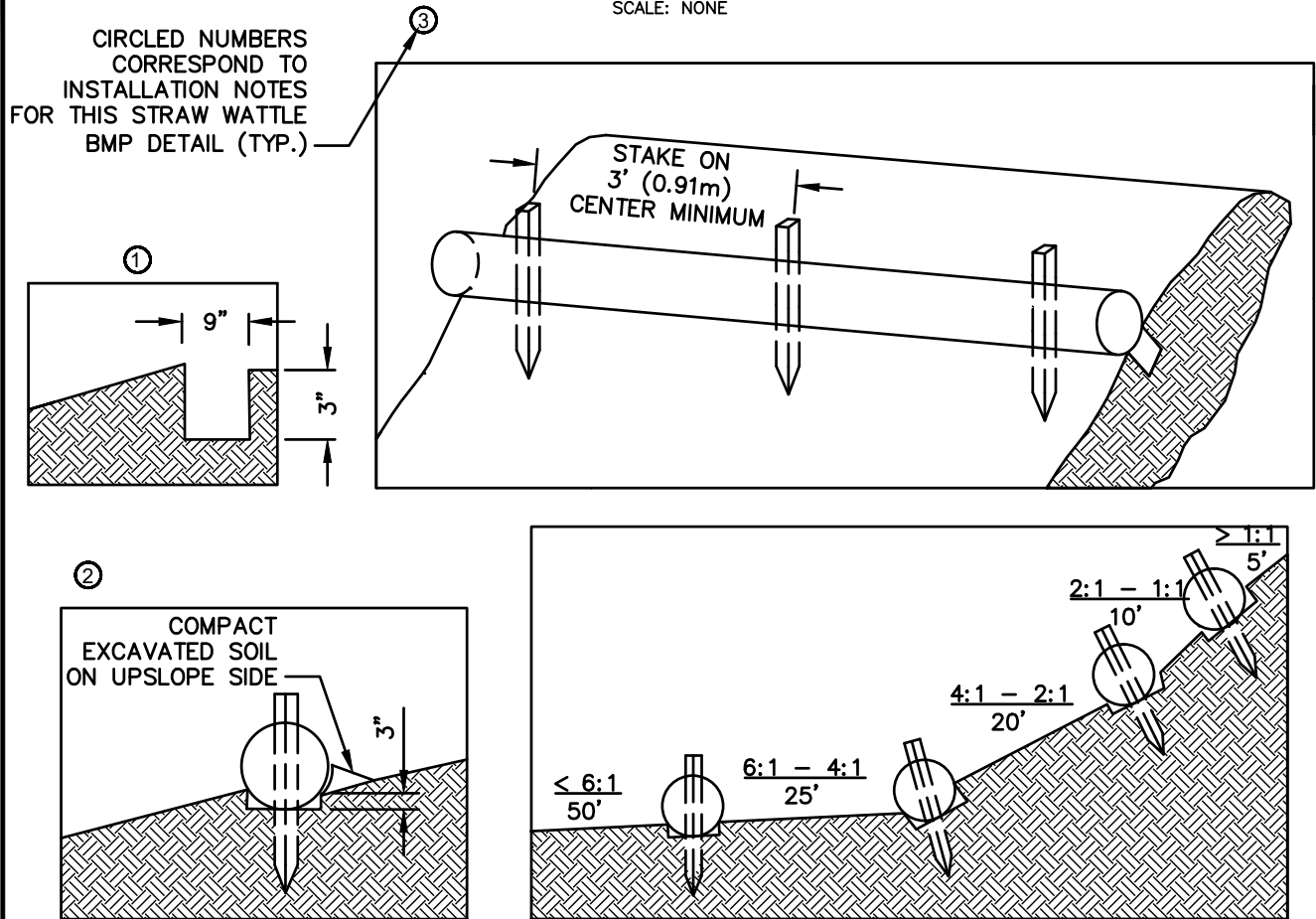
Access, Maintenance and Construction
Best Management Practices

Reference

EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



TYPICAL WATTLE SPACING DETAIL

NOTES:

1. PRODUCT TO BE TENSAR NORTH AMERICAN GREEN STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. TYPICAL WATTLE SPACING BASED ON SLOPE GRADIENT. COORDINATE SPACING AND LOCATION WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
3. MINIMUM 12" DIAMETER WATTLES SHOULD BE USED FOR HIGHLY DISTURBED AREAS (I.E., HEAVILY USED ACCESS ROAD WITH ADJACENT WETLAND) AND MINIMUM 9-10" WATTLES SHOULD BE USED FOR LESS DISTURBED SOILS.

INSTALLATION NOTES:

1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UPSLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 18-24" HARDWOOD STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN
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SEC-5
STRAW WATTLE * (1 OF 2)

SUBJECT

Access, Maintenance and Construction
Best Management Practices

Reference

EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP PICTURE



**STRAW WATTLE – SHALLOW SLOPE ($\leq 4:1$)
(ALTERNATE STAKING)**

ALTERNATE STAKING INSTALLATION NOTES:

1. ON SHALLOW SLOPES ($\leq 4:1$), STRAW WATTLE MAY BE SECURED WITH 18–24” HARDWOOD STAKES DRIVEN AGAINST THE SIDES OF THE WATTLE INSTEAD OF THROUGH. STAKES SHALL ALTERNATE SIDES, AND BE SPACED 3–4’ MAX.
2. TWINE SHALL BE TIED FROM STAKE TO STAKE, CRISS–CROSSING THE STRAW WATTLE. TIE TWINE TO STAKES BELOW THE HEIGHT OF THE WATTLE.

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**SEC-5
STRAW WATTLE * (2 OF 2)**

SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP

Definition

Applying coarse plant residue or chips, or other suitable materials, to cover the soil surface.

Purpose

The primary purpose is to provide initial erosion control while a seeding or shrub planting is establishing. Mulch will conserve moisture and modify the surface soil temperature and reduce fluctuation of both. Mulch will prevent soil surface crusting and aid in weed control. Mulch is also used alone for temporary stabilization in non-growing months.

Conditions Where Practice Applies

On soils subject to erosion and on new seedings and shrub plantings. Mulch is useful on soils with low infiltration rates by retarding runoff.

Criteria

Site preparation prior to mulching requires the installation of necessary erosion control or water management practices and drainage systems.

Slope, grade and smooth the site to fit needs of selected mulch products.

Remove all undesirable stones and other debris to meet the needs of the anticipated land use and maintenance required.

Apply mulch after soil amendments and planting is accomplished or simultaneously if hydroseeding is used.

Select appropriate mulch material and application rate or material needs. Determine local availability.

Select appropriate mulch anchoring material.

NOTE: The best combination for grass/legume establishment is straw (cereal grain) mulch applied at 2 ton/acre (90 lbs./1000sq.ft.) and anchored with wood fiber mulch (hydromulch) at 500 – 750 lbs./acre (11 – 17 lbs./1000 sq. ft.). The wood fiber mulch must be applied through a hydroseeder immediately after mulching.



NOTE:

1. PICTURE DEPICTS STRAW MULCH APPLICATION (FROM MULCH SPREADER) ON STEEP SLOPE WITH AN IMPROVED DRAINAGE SWALE.
2. COORDINATE MULCH MATERIALS AND RATES WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.

* BMP INFORMATION FROM "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (AUGUST, 2005)." INFORMATION OBTAINED VIA WEBSITE: <http://www.dec.ny.gov/chemical/29086.html>
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES
PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

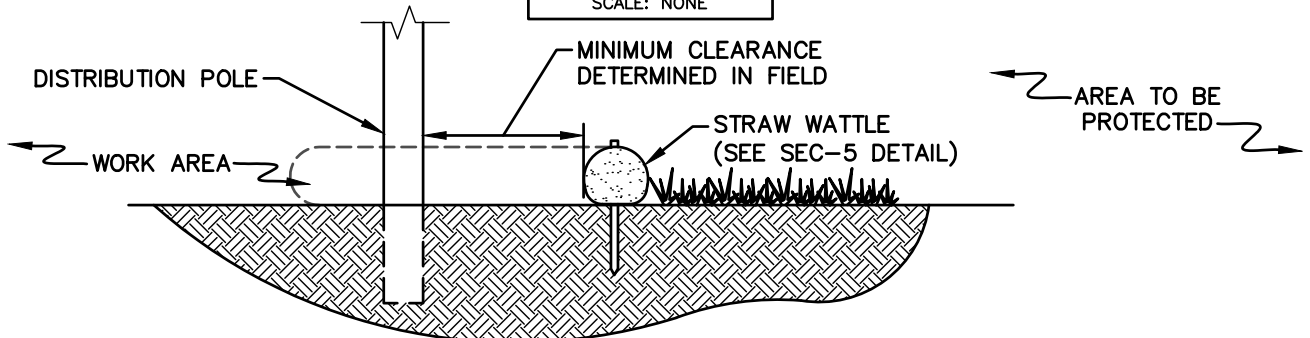
SEC-9
MULCH MATERIALS, RATES AND
USES (FROM NY) *

SUBJECT
Access, Maintenance and Construction
Best Management Practices

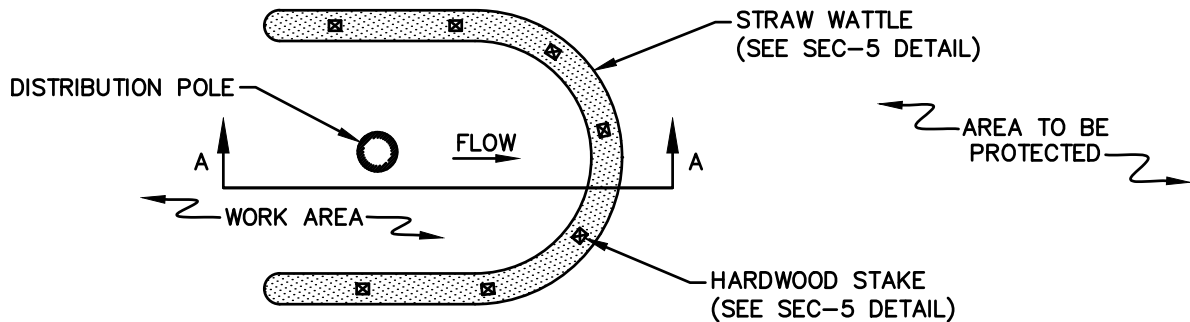
Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



SECTION A-A



PLAN

NOTES

1. PRODUCT TO BE STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST (SEE SEC-5 BMP DETAIL).
2. STRAW BALE BARRIER PER SEC-1 BMP DETAIL TO BE AN AVAILABLE ALTERNATE DEPENDING ON SITE CONDITIONS AT THE DIRECTION OF NATIONAL GRID ENVIRONMENTAL SCIENTIST (SEE FIGURE 2).
3. MINIMUM CLEARANCE BETWEEN POLE AND EROSION CONTROL TO BE DETERMINED BY CONDITIONS OF POLE INSTALLATION/REPLACEMENT WORK AND ASSOCIATED DISTURBANCE.

BMP PICTURE



FIGURE 1: TYP. STRAW WATTLE APPLICATION



FIGURE 2: ALT. STRAW BALE APPLICATION

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SEC-12
**DISTRIBUTION POLE
SEDIMENT CONTROL**

Attachment G

Stormwater Checklist

MEMORANDUM

Date: March 1, 2019

To: James Rynes (NGRID)

From: Matt Kelly (Epsilon Associates)

Subject: MassDEP Stormwater Management Standards

This memorandum summarizes the proposed Lake Road Electric Distribution Asset Replacement Project (the “Project”) in Sturbridge, Massachusetts with respect to the stormwater management standards set forth by the Massachusetts Department of Environmental Protection pursuant to the Massachusetts Wetlands Protection Act (WPA) regulations (310 CMR). The Project is described in detail in the Notice of Intent to the Town of Sturbridge Conservation Commission, which has been provided under separate cover and is incorporated here by reference.

Stormwater Management Standards and Guidelines

The existing project site does not include structural stormwater treatment or conveyance practices (BMPs). The Project proposes no new stormwater conveyance infrastructure or BMPs. The following text describes how the Project meets compliance requirements with respect to the MassDEP Stormwater Management Standards.

Compliance with MassDEP Stormwater Checklist

In accordance with the definition provided in the WPA Regulations at 310 CMR 10.04, the Project is considered a redevelopment. As a redevelopment project, the electric distribution line replacement is granted relief under MassDEP Stormwater Standard 7. The Project is required to meet MassDEP Standards 1, 2, 6 and the treatment aspects of Standards 3, 4, and 5 to the maximum extent practicable. The Project is required to fully meet Standards 8, 9, and 10 and the source control and documentation aspects of Standards 3, 4, and 5.

A copy of the Stormwater Checklist is attached to this memorandum.

Standard 1: Untreated discharges

No new stormwater conveyances (e.g., outfalls) may discharge untreated stormwater directly to or cause erosion in wetlands or waters of the Commonwealth.

The Project fully meets this standard. The Project does not include the construction of any new stormwater conveyances or outfalls. In the existing condition, runoff from the project area discharges overland to adjacent wetlands and waterbodies. The Project does not propose grading activities that would significantly alter overland runoff flow paths, runoff volumes, or runoff velocities. The proposed Project will not cause erosion in wetlands or waters of the Commonwealth because the work will include the implementation of a construction period erosion and sediment control plan as outlined under Standard 8.

Standard 2: Peak rate control and flood prevention

Stormwater management systems must be designed so that post-development peak discharge rates do not exceed pre-development peak discharge rates. This Standard may be waived for land subject to coastal storm flowage.

The Project meets this standard to the maximum extent practicable. The Project proposes a de minimis increase in impervious area as a result of new distribution pole installs. Proposed project activities do not include alterations to land cover, nor do they include grading activities that would significantly alter overland runoff flow patterns, paths, or velocities. The proposed Project will have a de minimis impact on the peak runoff rates from the project site. Therefore, no peak rate controls are proposed as part of this Project.

Standard 3: Recharge to ground water

Loss of annual recharge to ground water shall be eliminated or minimized through the use of infiltration measures, including environmentally sensitive site design, low impact development techniques, best management practices, and good operation and maintenance. At a minimum, the annual recharge from the post-development site shall approximate the annual recharge from the pre-development conditions based on soil type. This Standard is met when the stormwater management system is designed to infiltrate the required recharge volume as determined in accordance with the Massachusetts Stormwater Handbook.

The Project meets this standard to the maximum extent practicable. The Project proposes a de minimis increase in impervious area as a result of new distribution pole installs. Besides the distribution pole replacements/installs, there is no proposed increase in impervious cover as part of the Project.

Standard 4: 80% TSS removal

Stormwater management systems must be designed to remove 80% of the average annual post-construction load of Total Suspended Solids (TSS). This standard is met when:

- a. *Suitable practices for source control and pollution prevention are identified in a long-term pollution prevention plan and thereafter are implemented and maintained;*
- b. *Stormwater BMPs are sized to capture the required water quality volume determined in accordance with the Massachusetts Stormwater Handbook; and*
- c. Pretreatment is provided in accordance with the Massachusetts Stormwater Handbook.

The Project meets this standard to the maximum extent practicable.

The Project proposes a de minimis increase in impervious area as a result of new distribution poles. The new poles are not considered a source of TSS. The Project does not propose any stormwater BMPs; pretreatment and treatment are not required.

The Project will include the implementation of construction period erosion and sediment controls as outlined under Standard 8.

Standard 5: Land Uses with Higher Potential Pollutant Loads (LUHPPL)

For land uses with higher potential pollutant loads, source control and pollution prevention shall be implemented in accordance with the Massachusetts Stormwater Handbook to eliminate or reduce the discharge of stormwater runoff from such land uses to the maximum extent practicable. If through source control and/or pollution prevention, all land uses with higher potential pollutant loads cannot be completely protected from exposure to rain, snow, snow melt and stormwater runoff, the proponent shall use the specific stormwater BMPs determined by the Department to be suitable for such use as provided in the Massachusetts Stormwater Handbook. Stormwater discharges from land uses with higher potential pollutant loads shall also comply with the requirements of the Massachusetts Clean Waters Act, M.G.L. c. 21, §§ 26-53, and the regulations promulgated there under at 314 CMR 3.00, 314 CMR 4.00 and 314 CMR 5.00.

This standard does not apply. Electrical distribution lines are not considered Land Uses with Higher Potential Pollutant Loads. All equipment proposed as part of this project will be sited and protected in accordance with established pollution prevention programs.

Standard 6: Critical Areas

Stormwater discharges to a Zone II or Interim Wellhead Protection Area of a public water supply and stormwater discharges near or any other critical area require the use of the specific source control and pollution prevention measures and the specific stormwater best management practices determined by the Department to be suitable for managing discharges to such area, as provided in the Massachusetts Stormwater Handbook. A discharge is near a critical area if there is a strong likelihood of a significant impact occurring to said area, taking into account site specific factors. Stormwater discharges to Outstanding Resource Waters or Special Resource Waters shall be set back from the receiving water and receive the highest and best practical method of treatment. A "stormwater discharge," as defined in 314 CMR 3.04(2)(a)1. or (b), to an Outstanding Resource Water or Special Resource Water shall comply with 314 CMR 3.00 and 314 CMR 4.00. Stormwater discharges to a Zone I or Zone A are prohibited unless essential to the operation of the public water supply.

This standard does not apply. The Project site is not located within nor does stormwater runoff from the site discharge to a Critical Area.

Standard 7: Redevelopments and other projects subject to the standards only to the maximum extent practicable

Redevelopment of previously developed sites must meet Management Standards only to the maximum extent practicable: Standard 2, Standard 3, and the pretreatment and structural stormwater best management practice requirements of Standards 4, 5, and 6. Existing stormwater discharges shall comply with Standard 1 only to the maximum extent practicable. A redevelopment project shall also comply with all other requirements of the Stormwater Management Standards and improve existing conditions.

This Project qualifies as a Limited Project and is considered a redevelopment project.

Standard 8: Erosion and sediment control

A plan to control construction-related impacts, including erosion sedimentation and other pollutant sources during construction and land disturbance activities (construction period erosion, sedimentation, and pollution prevention plan), must be developed and implemented.

The proposed Project work will require the temporary disturbance of soils. Proposed work includes the implementation of a construction period erosion and sediment control plan. Siltation and erosion control devices will be installed in locations shown on the NOI Permit Plans included as **Attachment C of the NOI**. The devices will function to mitigate construction-related erosion and sedimentation, and will also serve as a physical boundary delineating the limits of work in sensitive areas such as wetlands. Proposed erosion control barriers for the Project will typically consist of straw wattle barriers. Erosion controls will be sited pending field conditions, weather conditions, and permit conditions. The Project will adhere to the

NGRID BMP Manual which prescribes procedures for ROW corridor access and the use of typical BMPs. The applicable sections of this document are included as **Attachment F of the NOI**.

Standard 9: Operation and maintenance

A long-term operation and maintenance plan must be developed and implemented to ensure that stormwater management systems function as designed.

This standard does not apply. There are no permanent stormwater BMPs on the Project site. The Project proposes no new permanent stormwater BMPs at the Project site. A long-term operation and maintenance plan for stormwater management infrastructure is not required.

Standard 10: Illicit discharges

All illicit discharges to the stormwater management system are prohibited.

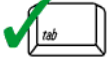
The Project fully meets this standard. There are no illicit connections or discharges at the existing site. The Project proposes no new connections or discharges from the Project site.



Checklist for Stormwater Report

A. Introduction

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



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the [Massachusetts Stormwater Handbook](#). The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.¹ This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8²
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

¹ The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

² For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.



Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature

NOT APPLICABLE

The replacement & installation of distribution poles will create impacts that will not alter the overall stormwater control regime of the site. Pre-existing grades will be substantially restored where possible.

Signature and Date

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

- New development
 - Redevelopment
 - Mix of New Development and Redevelopment
- Project consists of the replacement & installation of electric distribution poles.



Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- No disturbance to any Wetland Resource Areas
- Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- Reduced Impervious Area (Redevelopment Only)
- Minimizing disturbance to existing trees and shrubs
- LID Site Design Credit Requested:
 - Credit 1
 - Credit 2
 - Credit 3
- Use of "country drainage" versus curb and gutter conveyance and pipe
- Bioretention Cells (includes Rain Gardens)
- Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- Treebox Filter
- Water Quality Swale
- Grass Channel
- Green Roof
- Other (describe): _____

Standard 1: No New Untreated Discharges [NOT APPLICABLE](#)

- No new untreated discharges
- Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.



Checklist for Stormwater Report

Checklist (continued)

The project has a de minimis impact on peak runoff rates.

Standard 2: Peak Rate Attenuation NOT APPLICABLE

- Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.
- Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.
- Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

The project has a de minimis impact on groundwater recharge rates.

Standard 3: Recharge NOT APPLICABLE

- Soil Analysis provided.
- Required Recharge Volume calculation provided.
- Required Recharge volume reduced through use of the LID site Design Credits.
- Sizing the infiltration, BMPs is based on the following method: Check the method used.
 - Static
 - Simple Dynamic
 - Dynamic Field¹
- Runoff from all impervious areas at the site discharging to the infiltration BMP.
- Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.
- Recharge BMPs have been sized to infiltrate the Required Recharge Volume.
- Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:
 - Site is comprised solely of C and D soils and/or bedrock at the land surface
 - M.G.L. c. 21E sites pursuant to 310 CMR 40.0000
 - Solid Waste Landfill pursuant to 310 CMR 19.000
 - Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.
- Calculations showing that the infiltration BMPs will drain in 72 hours are provided.
- Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

¹ 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.



Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

- The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.
- Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

Standard 4: Water Quality NOT APPLICABLE

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
 - Provisions for storing materials and waste products inside or under cover;
 - Vehicle washing controls;
 - Requirements for routine inspections and maintenance of stormwater BMPs;
 - Spill prevention and response plans;
 - Provisions for maintenance of lawns, gardens, and other landscaped areas;
 - Requirements for storage and use of fertilizers, herbicides, and pesticides;
 - Pet waste management provisions;
 - Provisions for operation and management of septic systems;
 - Provisions for solid waste management;
 - Snow disposal and plowing plans relative to Wetland Resource Areas;
 - Winter Road Salt and/or Sand Use and Storage restrictions;
 - Street sweeping schedules;
 - Provisions for prevention of illicit discharges to the stormwater management system;
 - Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
 - Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
 - List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.
- A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.
 - Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:
 - is within the Zone II or Interim Wellhead Protection Area
 - is near or to other critical areas
 - is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
 - involves runoff from land uses with higher potential pollutant loads.
 - The Required Water Quality Volume is reduced through use of the LID site Design Credits.
 - Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.

The project has a de minimis impact on water quality.



Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

- The BMP is sized (and calculations provided) based on:
 - The ½" or 1" Water Quality Volume or
 - The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.
- The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.
- A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs) NOT APPLICABLE

- The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.
- The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted **prior to** the discharge of stormwater to the post-construction stormwater BMPs.
- The NPDES Multi-Sector General Permit does **not** cover the land use.
- LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.
- All exposure has been eliminated.
- All exposure has **not** been eliminated and all BMPs selected are on MassDEP LUHPPL list.
- The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

Standard 6: Critical Areas NOT APPLICABLE

- The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.
- Critical areas and BMPs are identified in the Stormwater Report.



Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

- The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:
 - Limited Project **NOT APPLICABLE**
 - Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.
 - Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area
 - Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff
 - Bike Path and/or Foot Path
 - Redevelopment Project
 - Redevelopment portion of mix of new and redevelopment.
- Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.
- The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
 - Construction Period Operation and Maintenance Plan;
 - Names of Persons or Entity Responsible for Plan Compliance;
 - Construction Period Pollution Prevention Measures;
 - Erosion and Sedimentation Control Plan Drawings;
 - Detail drawings and specifications for erosion control BMPs, including sizing calculations;
 - Vegetation Planning;
 - Site Development Plan;
 - Construction Sequencing Plan;
 - Sequencing of Erosion and Sedimentation Controls;
 - Operation and Maintenance of Erosion and Sedimentation Controls;
 - Inspection Schedule;
 - Maintenance Schedule;
 - Inspection and Maintenance Log Form.
- A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.

NOT Applicable. Total land to be disturbed by construction will be less than 1 acre and accordingly a Stormwater Pollution Prevention Plan will not be required.



Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

- The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has **not** been included in the Stormwater Report but will be submitted **before** land disturbance begins.
- The project is **not** covered by a NPDES Construction General Permit.
- The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.
- The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins.

Standard 9: Operation and Maintenance Plan NOT APPLICABLE

- The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:
 - Name of the stormwater management system owners;
 - Party responsible for operation and maintenance;
 - Schedule for implementation of routine and non-routine maintenance tasks;
 - Plan showing the location of all stormwater BMPs maintenance access areas;
 - Description and delineation of public safety features;
 - Estimated operation and maintenance budget; and
 - Operation and Maintenance Log Form.
- The responsible party is **not** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:
 - A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
 - A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

Standard 10: Prohibition of Illicit Discharges NOT APPLICABLE

- The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;
- An Illicit Discharge Compliance Statement is attached;
- NO Illicit Discharge Compliance Statement is attached but will be submitted **prior to** the discharge of any stormwater to post-construction BMPs.

There is no existing or proposed stormwater management infrastructure at the site.

Attachment H

Abutter Notification Information



Town of Sturbridge

Conservation Commission

Notification to Abutters under the MA Wetlands Protection Act and the Town of Sturbridge Wetland Bylaw Regulations

In accordance with the second paragraph of Massachusetts General Laws, Chapter 131, § 40, as well as the Town of Sturbridge Wetland Bylaws, you are hereby notified of the following permit application for work within a wetland resource area and/or within the 200-foot buffer zone to a resource area:

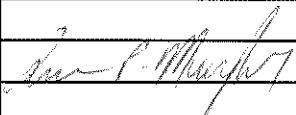
- A. The name of the applicant is: Massachusetts Electric Company d/b/a National Grid
- B. The address of the lot(s) where the activity is proposed is: Various properties along Lake Road
- C. The nature of the activity proposed includes: Electric distribution replacements and installs
- D. The applicant has filed the following in accordance with the Wetlands Protection Act (MGL c. 131, § 40), and/or the Town of Sturbridge Wetland Bylaws.
- Notice of Intent seeking permission to conduct work within a wetland, water body or resource area
- Request for Determination seeking permission to conduct work within a buffer zone to a wetland, waterbody or resource area
- Abbreviated Notice of Resource Area Delineation seeking to confirm the wetland resource area boundaries.
- Request to amend an existing Order of Conditions for DEP File #300-_____
- E. Copies of the application may be examined at the Sturbridge Conservation Department, 301 Main Street, Center Office Building, Sturbridge, MA between the hours of **9:00 a.m. – 3:30 p.m. Monday through Friday**. Additional times may available by appointment. Please call ahead to check for availability. (508) 347-2506
- F. Copies of the application may be obtained from either the applicant: _____ or the applicant's representative: Epsilon Associates, by calling telephone # 978.461.6237 on the following days of the week: M - F between the hours of 9 and 4.


The Public Hearing for this application will be held in the Center Office Building, 301 Main Street, 2nd Floor on April 7, 2020 at 6:00 pm.

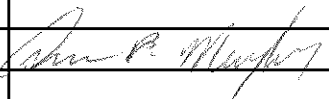
PLEASE NOTE: Notice of this Public Hearing will be published as follows:

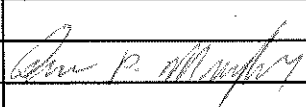
- In The Southbridge Evening News at least five days in advance of the hearing
- In the Town Hall at the Town Clerks office, not less than 48 hours in advance of the hearing
- On the Town's Meeting Calendar not less than 48 hours in advance of the hearing (www.town.sturbridge.ma.us)
- On the Conservation Commission webpage not less than 48 hours in advance of the hearing

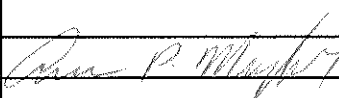
You may contact the Sturbridge Conservation Commission Office (508) 347-2506 or the Department of Environmental Protection Central Regional Office at 508-792-7650 with questions in regards to the Notice of Intent application process or the Wetlands Protection Act.

Parcel ID	Owner	Owner Address	Owner City	Stae	Zip	Property Address
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
492-00918-013	BOPP ANDREAS	13 OLD TOWNE WAY	FISKDALE	MA	01518	13 OLD TOWNE WAY
505-00927-122	BRIGGS MICHAEL A	27 HILLSIDE DRIVE	STURBRIDGE	MA	01566	122 PARADISE LANE
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
505-00917-128	PHILLIPS KADION	128 PARADISE LANE	FISKDALE	MA	01518	128 PARADISE LANE
492-00917-019	ELIASON THOMAS F	19 OLD TOWNE WAY	FISKDALE	MA	01518	19 OLD TOWNE WAY
505-00917-126	GAGNON TINA M TR	126 PARADISE LANE	FISKDALE	MA	01518	126 PARADISE LANE
492-00917-017	KNAPIK RICHARD	17 OLD TOWNE WAY	FISKDALE	MA	01518	17 OLD TOWNE WAY
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
505-09E27-114	LEMANSKI MICHAEL J	114 PARADISE LANE	FISKDALE	MA	01518	114 PARADISE LANE
505-00927-120	LOCONTO RALPH A	31 BENTWOOD DRIVE	SOUTHBRIDGE	MA	01550	120 PARADISE LANE
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
505-09E27-118	ST LAURENT KYLE A	118 PARADISE LANE	FISKDALE	MA	01518	118 PARADISE LANE
380-00927-124	VERNON-GART JULIE A	62 NORTHGATE	AVON	CT	06001	124 LAKE ROAD
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DRIVE	SOMERS	CT	06071	128 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
Assessors are not responsible for errors or omissions. RE: M.G.L. - Chapter 40A, Section 11						
Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 124 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

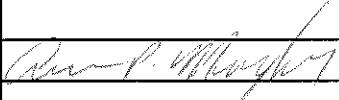
Parcel ID	Owner	Owner Address	Owner City	Staet	Zip	Property Address
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
505-00927-122	BRIGGS MICHAEL A	27 HILLSIDE DRIVE	STURBRIDGE	MA	01566	122 PARADISE LANE
505-00927-124	CAPURSO SCOTT N	124 PARADISE LANE	FISKDALE	MA	01518	124 PARADISE LANE
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
505-00927-120	LOCONTO RALPH A	31 BENTWOOD DRIVE	SOUTHBRIDGE	MA	01550	120 PARADISE LANE
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
505-09E27-118	ST LAURENT KYLE A	118 PARADISE LANE	FISKDALE	MA	01518	118 PARADISE LANE
380-00927-124	VERNON-GART JULIE A	62 NORTHGATE	AVON	CT	06001	124 LAKE ROAD
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DRIVE	SOMERS	CT	06071	128 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 126 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
505-00927-122	BRIGGS MICHAEL A	27 HILLSIDE DRIVE	STURBRIDGE	MA	01566	122 PARADISE LANE
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
505-00927-120	LOCONTO RALPH A	31 BENTWOOD DRIVE	SOUTHBRIDGE	MA	01550	120 PARADISE LANE
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
505-09E27-118	ST LAURENT KYLE A	118 PARADISE LANE	FISKDALE	MA	01518	118 PARADISE LANE
380-00927-124	VERNON-GART JULIE A	62 NORTHGATE	AVON	CT	06001	124 LAKE ROAD
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
	RE: 128 LAKE ROAD					
Certified Copy						
Assessor:						
Date:	3-4-2010					

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
492-00918-013	BOPP ANDREAS	13 OLD TOWNE WAY	FISKDALE	MA	01518	13 OLD TOWNE WAY
505-00927-122	BRIGGS MICHAEL A	27 HILLSIDE DRIVE	STURBRIDGE	MA	01566	122 PARADISE LANE
505-00927-124	CAPURSO SCOTT N	124 PARADISE LANE	FISKDALE	MA	01518	124 PARADISE LANE
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
505-00917-128	PHILLIPS KADION	128 PARADISE LANE	FISKDALE	MA	01518	128 PARADISE LANE
492-00917-019	ELIASON THOMAS F	19 OLD TOWNE WAY	FISKDALE	MA	01518	19 OLD TOWNE WAY
505-00917-126	GAGNON TINA M TR	126 PARADISE LANE	FISKDALE	MA	01518	126 PARADISE LANE
492-00917-017	KNAPIK RICHARD	17 OLD TOWNE WAY	FISKDALE	MA	01518	17 OLD TOWNE WAY
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
505-00927-120	LOCONTO RALPH A	31 BENTWOOD DRIVE	SOUTHBRIDGE	MA	01550	120 PARADISE LANE
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
380-00927-124	VERNON-GART JULIE A	62 NORTHGATE	AVON	CT	06001	124 LAKE ROAD
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DRIVE	SOMERS	CT	06071	128 LAKE ROAD
	BOARD OF ASSESSORS					
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RE: 130 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

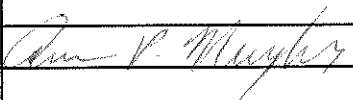
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
492-00938-005	IVES JOSHUA J	5 OLD TOWNE WAY	FISKDALE	MA	01518	5 OLD TOWNE WAY
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
492-00928-007	PROVISOR EVAN & PAMELA	7 OLD TOWNE WAY	FISKDALE	MA	01518	7 OLD TOWNE WAY
380-00927-124	VERNON-GART JULIE A	62 NORTHGATE	AVON	CT	06001	124 LAKE ROAD
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DR	SOMERS	CT	06071	128 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 132 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
492-00928-009	ARNDT PRESCOTT S	9 OLD TOWNE WAY	FISKDALE	MA	01518	9 OLD TOWNE WAY
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
492-00918-013	BOPP ANDREAS	13 OLD TOWNE WAY	FISKDALE	MA	01518	13 OLD TOWNE WAY
505-00927-122	BRIGGS MICHAEL A	27 HILLSIDE DRIVE	STURBRIDGE	MA	01566	122 PARADISE LANE
505-00927-124	CAPURSO SCOTT N	124 PARADISE LANE	FISKDALE	MA	01518	124 PARADISE LANE
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
505-00917-128	PHILLIPS KADION	128 PARADISE LANE	FISKDALE	MA	01518	128 PARADISE LANE
492-00917-019	ELIASON THOMAS F	19 OLD TOWNE WAY	FISKDALE	MA	01518	19 OLD TOWNE WAY
505-00917-126	GAGNON TINA M TR	126 PARADISE LANE	FISKDALE	MA	01518	126 PARADISE LANE
492-00938-005	IVES JOSHUA J	5 OLD TOWNE WAY	FISKDALE	MA	01518	5 OLD TOWNE WAY
492-00917-017	KNAPIK RICHARD	17 OLD TOWNE WAY	FISKDALE	MA	01518	17 OLD TOWNE WAY
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
492-00928-007	PROVISOR EVAN & PAMELA	7 OLD TOWNE WAY	FISKDALE	MA	01518	7 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00927-124	VERNON-GART JULIE A	62 NORTHGATE	AVON	CT	06001	124 LAKE ROAD
492-00918-011	WEETMAN MICHAEL E	11 OLD TOWNE WAY	FISKDALE	MA	01518	11 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DRIVE	SOMERS	CT	06071	128 LAKE ROAD
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 134 LAKE ROAD						
Certified Copy	<i>Ann P. Murphy</i>	<i>3-4-2020</i>				


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
492-00938-005	IVES JOSHUA J	5 OLD TOWNE WAY	FISKDALE	MA	01518	5 OLD TOWNE WAY
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DRIVE	SOMERS	CT	06071	128 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 136 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00927-130	BEMIS LINDA A	17 BOBOLINK LANE	ENFIELD	CT	06082	130 LAKE ROAD
380-00927-126	CIOSEK EDWARD	279 OLD ENFIELD ROAD	BELCHERTOWN	MA	01007	126 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
492-00938-005	IVES JOSHUA J	5 OLD TOWNE WAY	FISKDALE	MA	01518	5 OLD TOWNE WAY
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
380-00927-132	MORIN JOSEPH A	132 LAKE ROAD	FISKDALE	MA	01518	132 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-128	YOUNG KAREN	35 WHISPERWOOD DRIVE	SOMERS	CT	06071	128 LAKE ROAD
	BOARD OF ASSESSORS					
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RE: 138 LAKE ROAD						
Certified Copy						
Assessor: 						
Date: 3-4-2020						

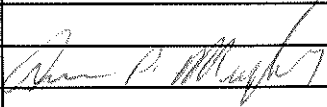
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
492-00938-005	IVES JOSHUA J	5 OLD TOWNE WAY	FISKDALE	MA	01518	5 OLD TOWNE WAY
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 140 LAKE ROAD						
Certified Copy						
Assessor:	<i>John P. Murphy</i>					
Date:	<i>3-4-2020</i>					

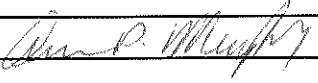
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00927-134	LAPIERRE CHERYL C	134 LAKE ROAD	FISKDALE	MA	01518	134 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
	RE: 142 LAKE ROAD					
Certified Copy						
Assessor:						
Date:	3-4-2020					

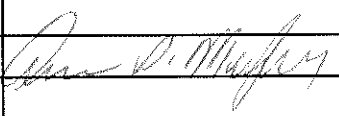
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
492-00928-006	FITZGERALD BRIAN	6 OLD TOWNE WAY	FISKDALE	MA	01518	6 OLD TOWNE WAY
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
492-00938-005	IVES JOSHUA J	5 OLD TOWNE WAY	FISKDALE	MA	01518	5 OLD TOWNE WAY
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
492-00928-004	MAGUIRE KEVIN JOHN JR	4 OLD TOWNE WAY	FISKDALE	MA	01518	4 OLD TOWNE WAY
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
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RE: 1 OLD TOWNE WAY						
Certified Copy						
Assessor: <i>John P. Murphy</i> 3-4-2020						


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
Assessors are not responsible for errors or omissions. RE: M.G.L. - Chapter 40A, Section 11						
Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 143 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

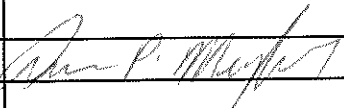
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00927-136	LITCHFIELD BEVERLY J	136 LAKE ROAD	FISKDALE	MA	01518	136 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 144 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

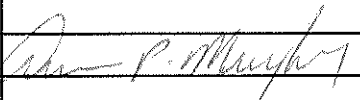
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
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RE: 146 LAKE ROAD						
Certified Copy						
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Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
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RE: 148 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

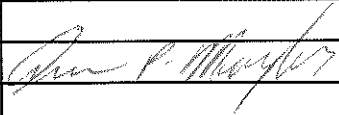
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
492-00928-003	O'NEIL JAMES E	3 OLD TOWNE WAY	FISKDALE	MA	01518	3 OLD TOWNE WAY
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00927-140	RADNER JOHN G.	18 FOREST RIDGE LANE	AGAWAM	MA	01001	140 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
380-00927-138	WILLARD ERIC	138 LAKE ROAD	FISKDALE	MA	01518	138 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 150 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

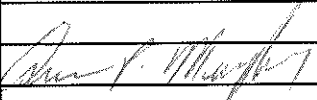
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00938-165	GIDOPOULOS KELLY	165 LAKE ROAD	FISKDALE	MA	01518	165 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
	RE: 152 LAKE ROAD					
Certified Copy						
Assessor:						
Date:	3-4-2020					

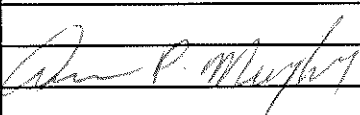
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00938-165	GIDOPOULOS KELLY	165 LAKE ROAD	FISKDALE	MA	01518	165 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 154 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

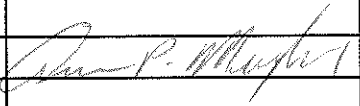
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00927-144	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	144 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00927-142	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	142 LAKE ROAD
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00938-165	GIDOPOULOS KELLY	165 LAKE ROAD	FISKDALE	MA	01518	165 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
492-00938-002	ORQUIOLA ALAN	2 OLD TOWNE WAY	FISKDALE	MA	01518	2 OLD TOWNE WAY
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
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RE: 156 LAKE ROAD						
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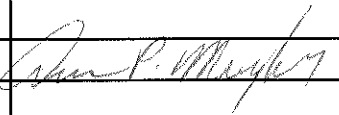
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-146	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	146 LAKE ROAD
380-00937-143	ARGITIS JOHN J	709 MAIN STREET	FISKDALE	MA	01518	143 LAKE ROAD
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00937-148	CLARK THOMAS M	148 LAKE ROAD	FISKDALE	MA	01518	148 LAKE ROAD
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00938-165	GIDOPOULOS KELLY	165 LAKE ROAD	FISKDALE	MA	01518	165 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
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380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
492-00928-001	T REARDON BUILDERS INC	70 PARADISE LANE	FISKDALE	MA	01518	1 OLD TOWNE WAY
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RE: 158 LAKE ROAD						
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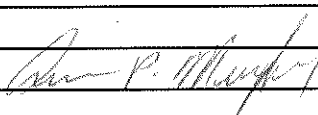
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-152	CALLAHAN CHARLES J	P.O. BOX 110	FISKDALE	MA	01518	152 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00938-165	GIDOPOULOS KELLY	165 LAKE ROAD	FISKDALE	MA	01518	165 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00937-150	METOXEN JANIS T	330 MAPLE ROAD	LONGMEADOW	MA	01106	150 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
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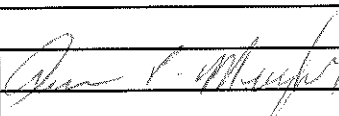
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-163	BOMBA LESTER	5 WOODRIDGE DRIVE	BUXTON	ME	04093	163 LAKE ROAD
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
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380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
380-00937-154	KLEIN ANDREW S	1050 TANAGER ROAD	AKRON	OH	44333	154 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 162 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

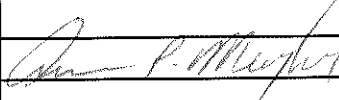
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00937-156	SCOTT MICHAEL	156 LAKE ROAD	FISKDALE	MA	01518	156 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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Date:	3-4-2020					

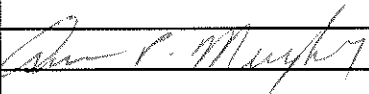
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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Assessor:						
Date:	3-4-2020					

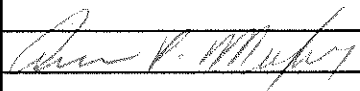
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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Abutters List - Conservation - National Grid Electric Distribution Asset Replacement Project - 200'						
RE: 168 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

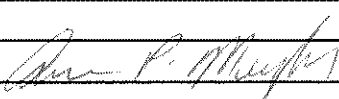
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00937-160	DOMASH PHYLLIS J	160 LAKE ROAD	FISKDALE	MA	01518	160 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00938-165	GIDOPOULOS KELLY	165 LAKE ROAD	FISKDALE	MA	01518	165 LAKE ROAD
380-00937-158	HILL VICTOR E IV	11 E ARIZONA AVE	DENVER	CO	80210	158 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00938-167	KING STEPHEN P	167 LAKE ROAD	FISKDALE	MA	01518	167 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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Assessor:						
Date:	3-4-2020					

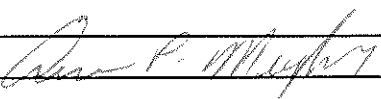
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00937-162	MURPHY DENNIS R	162B LAKE ROAD	FISKDALE	MA	01518	162 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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RE: 170 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

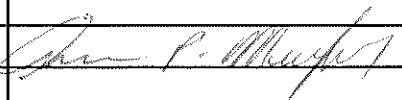
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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RE: 172 LAKE ROAD						
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Assessor:						
Date:	3-4-2020					

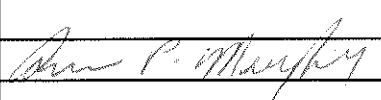
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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Abutters List - Conservation - National Grid Electric Distribution Asset Replacement Project - 200'						
RE: 174 LAKE ROAD						
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Assessor:						
Date:	3-4-2020					

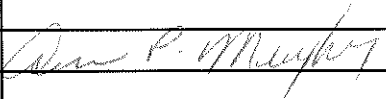
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180A	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180A LAKE ROAD
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
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RE: 176 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180A	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180A LAKE ROAD
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00947-166	FARLAND RICHARD M JR	166 LAKE ROAD	FISKDALE	MA	01518	166 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00937-169	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	169 LAKE ROAD
380-00947-168	HUTCHINSON TIMOTHY	PO BOX 781	FISKDALE	MA	01518	168 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00947-170	SHEA FREDERICK B	170 LAKE ROAD	FISKDALE	MA	01518	170 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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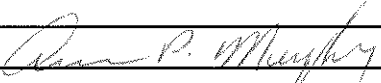
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180A	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180A LAKE ROAD
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00947-172	POIRIER ELIZABETH A	172 LAKE ROAD	FISKDALE	MA	01518	172 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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RE: 180 LAKE ROAD						
Certified Copy						
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Date:	3-4-2020					

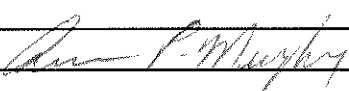
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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RE: 180A LAKE ROAD						
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Date: 3-4-2020						

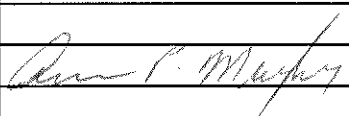
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180A	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180A LAKE ROAD
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
380-00947-174	EISOLD SCOTT RICHARD	174 LAKE ROAD	FISKDALE	MA	01518	174 LAKE ROAD
380-00937-164	GALONEK GARY	164 LAKE ROAD	FISKDALE	MA	01518	164 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00947-176	VECCHIARELLI JOSEPH F	157 SPRINGFIELD STREET	SPRINGFIELD	MA	01107	176 LAKE ROAD
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RE: 182 LAKE ROAD						
Certified Copy						
Assessor: 						
Date: 3-4-2020						

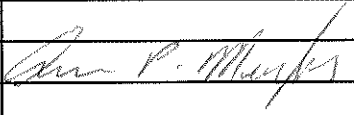
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180A	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180A LAKE ROAD
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00947-178	STEVENS DAVID F	178 LAKE ROAD	FISKDALE	MA	01518	178 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
Assessors are not responsible for errors or omissions. RE: M.G.L. - Chapter 40A, Section 11						
Abutters List - Conservation - National Grid Electric Distribution Asset Replacement Project - 200'						
RE: 184 LAKE ROAD						
Certified Copy						
Assessor: 						
Date: 3-4-2020						

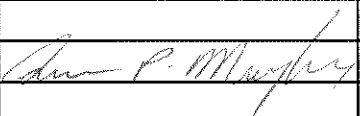
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00947-180A	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180A LAKE ROAD
380-00947-180	CLOUTIER JOHN N	180 LAKE ROAD	FISKDALE	MA	01518	180 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
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Abutters List - Conservation - National Grid Electric Distribution Asset Replacement Project - 200'						
RE: 186 LAKE ROAD						
Certified Copy						
Assessor: 						
Date: 3-4-2020						

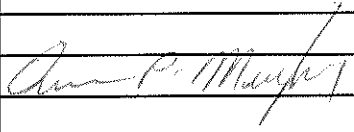
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00948-182	THE HOOKER FAMILY TRUST	182 LAKE ROAD	FISKDALE	MA	01518	182 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 188 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

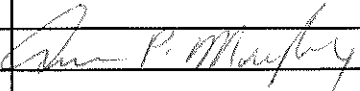
Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
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Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00947-184	DUNN THOMAS R	17 GARDEN CITY ROAD	DARIEN	CT	06820	184 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
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RE: 190 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00948-185	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	185 LAKE ROAD
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
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RE: 192 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00948-186	SMITH BARBARA VEALE	19480 MAMMOTH DRIVE	BEND	OR	97702	186 LAKE ROAD
380-00957-202	STEARNS WENDY M	202 LAKE ROAD	FISKDALE	MA	01518	202 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List - Conservation - National Grid Electric Distribution Asset Replacement Project - 200'						
RE: 194 LAKE ROAD						
Certified Copy						
Assessor: 						
Date: 3-4-2020						


Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-204	ALLEN RICHARD J	94 PONDVIEW DRIVE	SPRINGFIELD	MA	01118	204 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-188	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	188 LAKE ROAD
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00958-187	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	187 LAKE ROAD
380-00957-202	STEARNS WENDY M	202 LAKE ROAD	FISKDALE	MA	01518	202 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
Assessors are not responsible for errors or omissions. RE: M.G.L. - Chapter 40A, Section 11						
Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 196 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-204	ALLEN RICHARD J	94 PONDVIEW DRIVE	SPRINGFIELD	MA	01118	204 LAKE ROAD
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
380-00958-190	LOMBARDI DOMENICO P	100 AVERY HEIGHTS DRIVE	HOLDEN	MA	01520	190 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00957-202	STEARNS WENDY M	202 LAKE ROAD	FISKDALE	MA	01518	202 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 198 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-204	ALLEN RICHARD J	94 PONDVIEW DRIVE	SPRINGFIELD	MA	01118	204 LAKE ROAD
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
332-00957-206	MANGARI NANCY M	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206 HEMLOCK PATH
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
332-00957-206A	MORGAN COOKE SUSAN	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206A HEMLOCK PATH
380-00958-189	ROY JILL TEMPLE	PO BOX 267	FISKDALE	MA	01518	189 LAKE ROAD
380-00957-202	STEARNS WENDY M	202 LAKE ROAD	FISKDALE	MA	01518	202 LAKE ROAD
380-00958-192	VAILL VERNA FRANCES	192 LAKE ROAD	FISKDALE	MA	01518	192 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 200 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-204	ALLEN RICHARD J	94 PONDVIEW DRIVE	SPRINGFIELD	MA	01118	204 LAKE ROAD
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
380-00958-194	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	194 LAKE ROAD
332-00957-208	COOKE SUSAN M	31 DONNA LANE	WINDSOR	CT	06095	208 HEMLOCK PATH
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
332-00957-206	MANGARI NANCY M	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206 HEMLOCK PATH
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
332-00957-206A	MORGAN COOKE SUSAN	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206A HEMLOCK PATH
	BOARD OF ASSESSORS					
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 202 LAKE ROAD						
Certified Copy						
Assessor:						
Date:	3-4-2020					

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
332-00957-210	ARGITIS JOHN G	P.O. BOX 513	STURBRIDGE	MA	01566	210 HEMLOCK PATH
380-00957-196	COLWELL BROCK C	P O BOX 667	STURBRIDGE	MA	01566	196 LAKE ROAD
332-00957-208	COOKE SUSAN M	31 DONNA LANE	WINDSOR	CT	06095	208 HEMLOCK PATH
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
332-00957-206	MANGARI NANCY M	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206 HEMLOCK PATH
380-00957-198	MARCUS SUSAN J	177 NORTH STREET	WALPOLE	MA	02081	198 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
332-00957-206A	MORGAN COOKE SUSAN	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206A HEMLOCK PATH
380-00957-202	STEARNS WENDY M	202 LAKE ROAD	FISKDALE	MA	01518	202 LAKE ROAD
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
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Abutters List - Conservation - National Grid Electric Distribution Asset Replacement Project - 200'						
RE: 204 LAKE ROAD						
Certified Copy						
Assessor: 						
Date: 3-4-2020						

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
380-00957-204	ALLEN RICHARD J	94 PONDVIEW DRIVE	SPRINGFIELD	MA	01118	204 LAKE ROAD
332-00957-210	ARGITIS JOHN G	P.O. BOX 513	STURBRIDGE	MA	01566	210 HEMLOCK PATH
332-00957-208	COOKE SUSAN M	31 DONNA LANE	WINDSOR	CT	06095	208 HEMLOCK PATH
380-00957-200	FLYNN MICHAEL	50 WINDEMERE CIRCLE	BRAINTREE	MA	02184	200 LAKE ROAD
332-01418-220A	MILLS PAUL A	P.O. BOX 724	FISKDALE	MA	01518	220A HEMLOCK PATH
332-00957-206A	MORGAN COOKE SUSAN	23 FLORENTINE GARDENS	SPRINGFIELD	MA	01108	206A HEMLOCK PATH
332-01417-212	NORRIS ROBERT R	215 GOOSE LANE	TOLLAND	CT	06084	212 HEMLOCK PATH
380-00957-202	STEARNS WENDY M	202 LAKE ROAD	FISKDALE	MA	01518	202 LAKE ROAD
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Abutters List -	Conservation - National Grid Electric Distribution Asset Replacement Project - 200'					
RE: 206 HEMLOCK PATH						
Certified Copy						
Assessor:						
Date:	3-4-2020					