

January 20, 2016

Middleborough Conservation Commission
20 Centre Street, 2nd Floor
Middleborough, MA 02346

RE: Eversource Energy Right-of-Way (ROW) Maintenance Activities

Dear Commission Members,

Eversource Energy (Eversource) is providing notice of planned and scheduled vegetation maintenance work on the electric transmission right-of-way (ROW) that is located within your municipality this year and may take place in close proximity to and/or within wetland resource areas.

The planned maintenance will involve the side pruning and selective removal of hazard trees that are located along or just beyond the ROW edge. Pruning and hazard tree removal is required to comply with our vegetation management clearance program requirements for ensuring that vegetation does not contact or encroach within minimum distances of the energized transmission system. Our current cycle requires that this pruning be performed once every ten years. All planned work is reviewed in advance and all tree removals beyond the limits of the ROW easement area are discussed with property owners prior to the performance of the work.

The maintenance work is being conducted under the WPA M.G.L. Chapter 131, Section 40, and 310CMR 10.02(2)(a)(2), which provide for the following exemption:

"activities conducted to maintain, repair or replace, but not substantially change or enlarge an existing and lawfully located structure or facility used in the service of the public and used to provide electric, gas, water, sewer, telephone, telegraph and other communication services, provided said work utilizes the best practical measures to avoid or minimize impacts to wetland resource areas outside the footprint of said structure or facility."

Eversource is sending this notification to inform the Conservation Commission of the work and provide a contact for additional information. Under a separate correspondence and in accordance with 220 CMR 22.00, the Town Administrator was also notified of this maintenance work by William Hayes, Sr. Arborist, Eversource Energy Electric Transmission Vegetation Management.

In addition to the activities described below, a locus map with wetland resources of the projected maintenance area is enclosed.

Project: ROW 240 Utility Maintenance -- Vegetation Management

Purpose: To ensure clearance of electrical lines from vegetation for safety and to allow emergency access to the system.

Location: See attached maps.

Project Description: Vegetation management on transmission Rights-of-Way is an ongoing activity to provide worker safety and ensure electric service reliability, as well as controlling vegetation that hinders emergency restoration.

Eversource's Integrated Vegetation Management Program (IVM) employs a Wire Zone-Border Zone method to maintain our transmission corridors. This method includes the establishment of two separate

management zones:

The Wire Zone is the area directly under the transmission lines, extending 15 feet outside the wires at ground level. In this zone, all trees and brush are removed, and native, low-growing plant communities that have a mature height of three feet or less are preserved.

The Border Zone is the area 15 feet from the edge of the wires at ground level to the ROW easement edge. In this zone, incompatible trees and brush are removed and the native trees and shrubs that have a mature height of 25 feet or less are preserved where possible.

Outside the ROW easement, trees that have the potential to damage transmission wires and/or towers will be pruned or removed with permission of the property owner.

Environmental
Protection
Measures:

As this work may take place within a buffer zone and/or wetland resource areas, Eversource requires this work to be performed using Eversource's standard best management practices to prevent permanent impact to the environment. These best management practices are listed below.

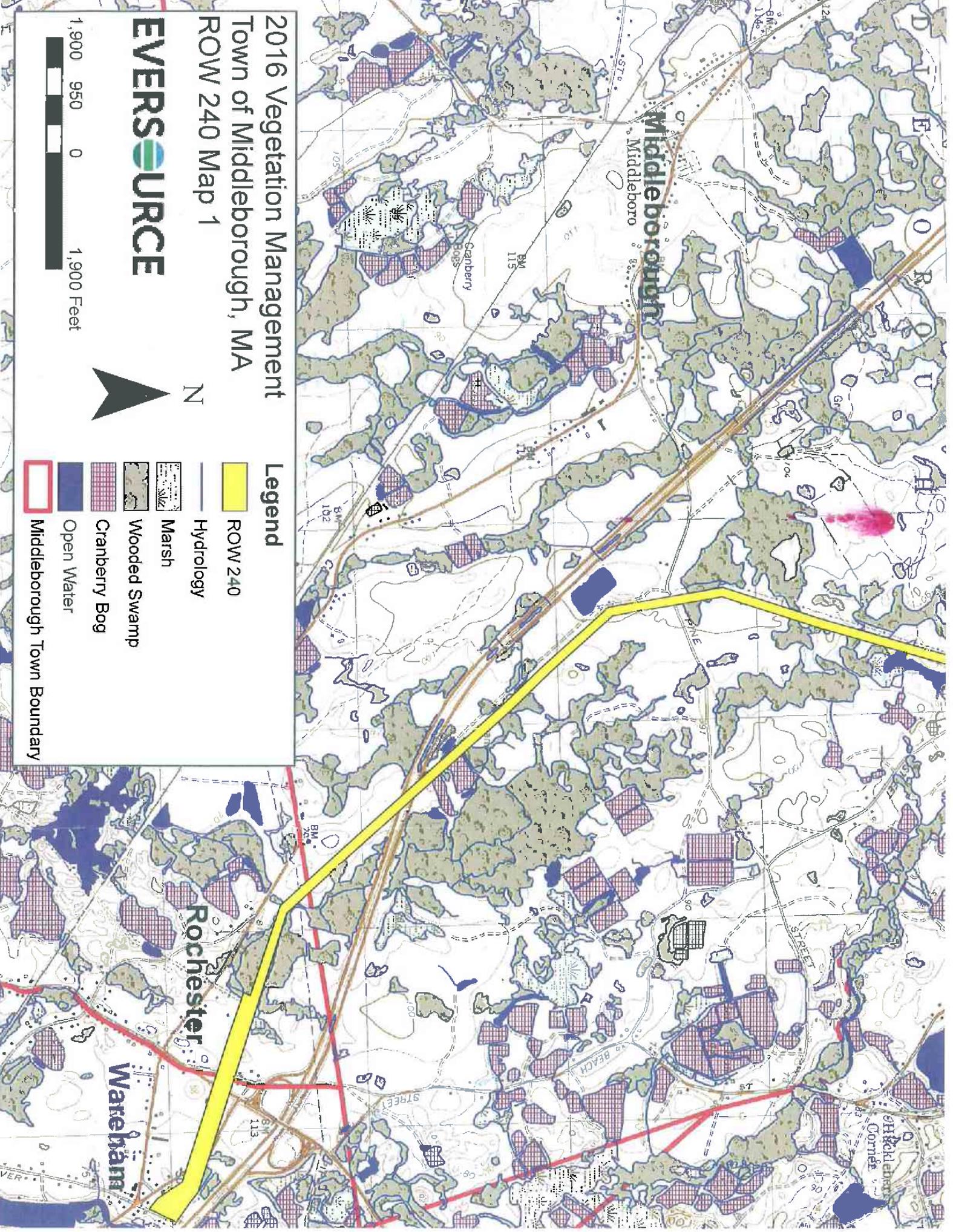
- Vegetation control activities are managed by degreed arborists holding certifications in Massachusetts and the International Society of Arboriculture.
- Vegetation Management activities are performed under a Vegetation Management Plan (VMP) and Yearly Operating Plan (YOP) submitted to the Massachusetts Department of Agricultural Resources. In addition, Best Management Practices used during these activities are based on standard requirements received from the Natural Heritage and Endangered Species Program (NHESP) under the Massachusetts Endangered Species Act (MESA).
- Unless safety concerns dictate otherwise and/or where feasible, the following general practices are used when working in and around wetlands:
 - Vehicle traffic will remain on ROW access roadways as much as possible.
 - Heavy equipment will remain outside of wetlands with visibly saturated areas to minimize rutting.
 - Vegetation management in wetlands with visibly saturated areas will be performed by hand, on swamp matting, or using low pressure equipment.
 - Low growing shrubs, such as winterberry or high bush blueberry will remain in the wetlands. (Note: these species may be trimmed or mowed, but their root system will not be destroyed or grubbed out).
 - Wood will be removed and stacked outside of areas containing standing water.
 - No refueling of equipment will take place within 100 feet of wetlands.

If the Commission should have any questions or would like to meet regarding this letter or the scheduled maintenance activities, please call Denise Bartone at 781-441-8174. Thank you for your consideration in this matter.

Respectfully,



Denise M. Bartone
Sr. Environmental Engineer
Eversource Environmental Affairs



2016 Vegetation Management
 Town of Middleborough, MA
 ROW 240 Map 1

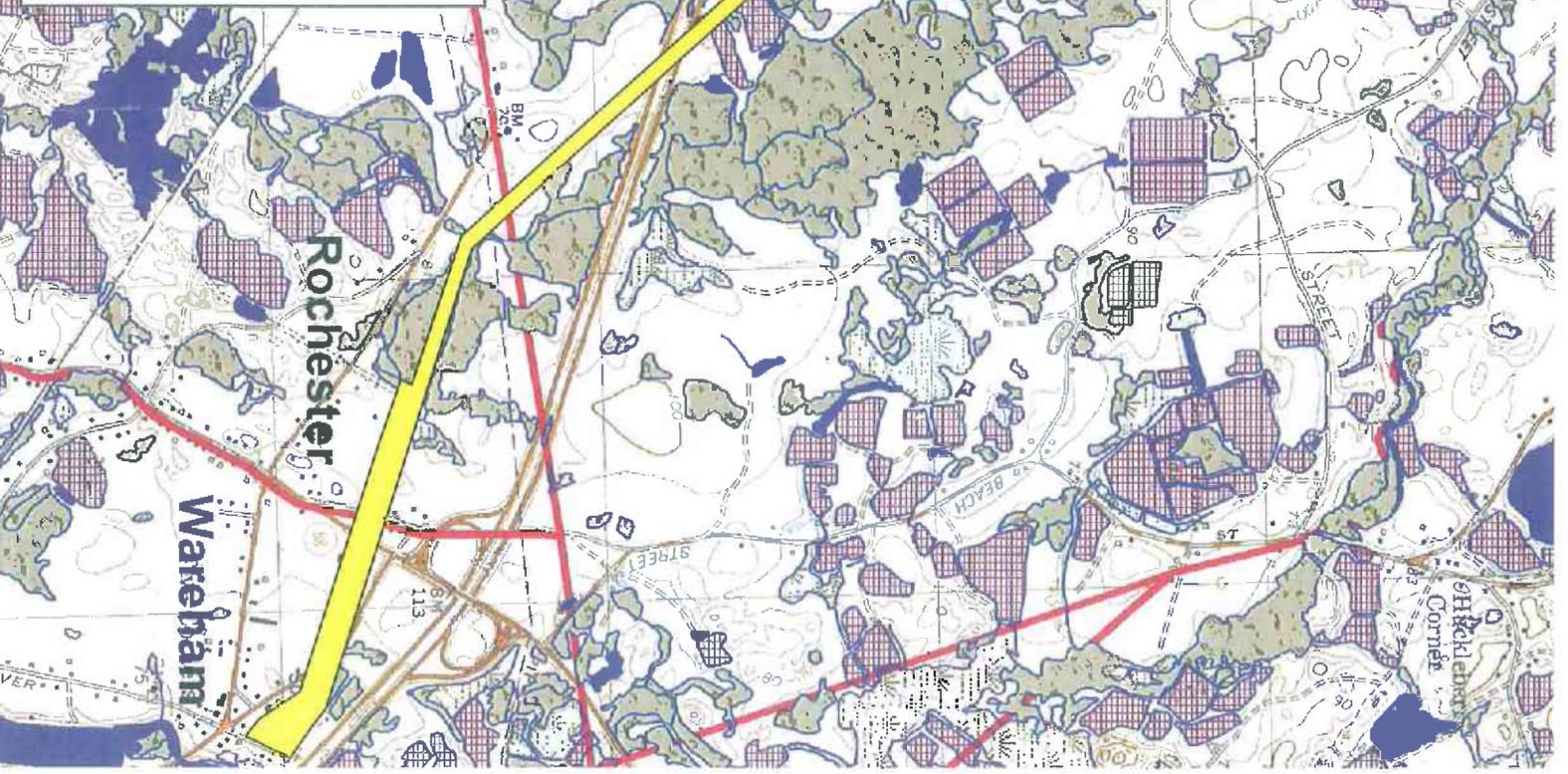
EVERSOURCE

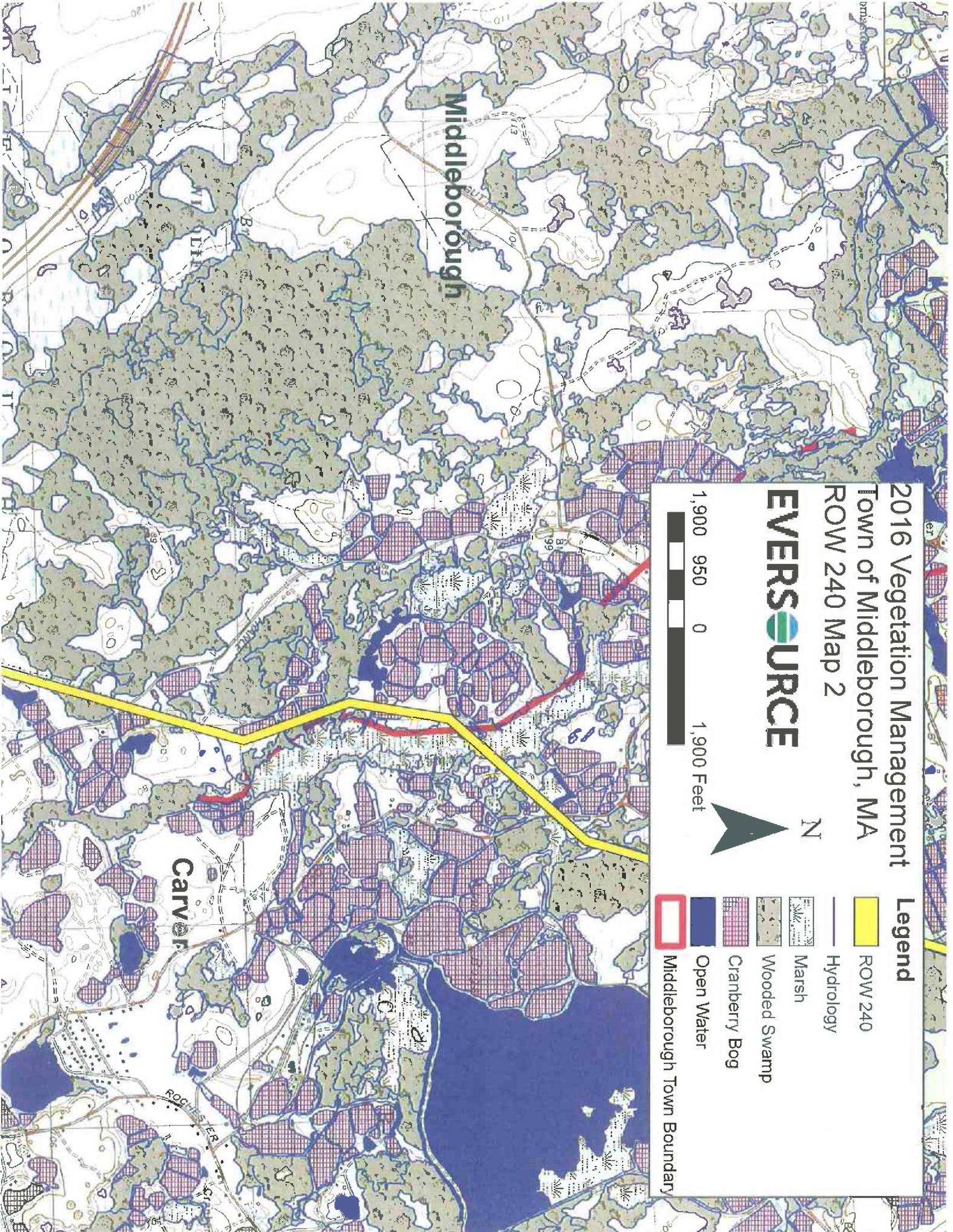
1,900 950 0 1,900 Feet



Legend

-  ROW 240
-  Hydrology
-  Marsh
-  Wooded Swamp
-  Cranberry Bog
-  Open Water
-  Middleborough Town Boundary

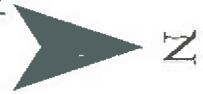




2016 Vegetation Management
Town of Middleborough, MA
ROW 240 Map 2

EVERS  **URCE**

1,900 950 0 1,900 Feet



Legend

-  ROW 240
-  Hydrology
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