

December 12, 2025

Fairhaven Conservation Commission
Town Hall
40 Center Street
Fairhaven, MA 02719

Re: Notice of Intent (NOI) for 4 Earle Street, Fairhaven

NOTICE OF INTENT SUBMITTED MATERIALS

Two hard copies and the original of this application package are enclosed, along with the site plans. A digital copy of the application package will also be submitted via email. The titles of all documents enclosed are as follows:

- Project Narrative with Performance Standard Compliance Evaluation and Site Photos
- NOI (WPA Form 3) Application form
- Fairhaven NOI Application Checklist
- Wetland Fee Transmittal Form
- Certified Abutter List
- Notification to Abutters
- Affidavit of Service
- Wetland Delineation Report, Goddard Consulting, LLC
- *USGS Site Locus*, Goddard Consulting, LLC.
- *Orthophoto View of Site*, Goddard Consulting, LLC.
- *MA DEP BVW dataheets*, Goddard Consulting, LLC.
- *Proposed Site Plan for 4 Earle Street Lot 2, by KBM Design Group, Dated 12/3/25*
- *11X17 plans*

1.0 INTRODUCTION

Goddard Consulting, LLC (Goddard) is pleased to submit this Notice of Intent (NOI) on behalf of the applicant, Joel Cordero. This NOI application is for proposed work within the 100-ft BVW Buffer Zone. This NOI is being filed under the MA Wetlands Protection Act (WPA), the Fairhaven Wetland Bylaw and the MA Endangered Species Act (MESA).

2.0 EXISTING RESOURCE AREAS

The project site consists of a maintained lawn area with nine landscape trees located to the south of #4 Earle Street (see photo 1). Two areas of Bordering Vegetated Wetlands (BVW) with corresponding 100-ft Buffer Zones are located off-site, one area east of Earle St and one area south of Jenny St (please refer to corresponding plans).

Goddard Consulting delineated the wetlands east of Earle St on July 11, 2025 and inspected the wetlands south of Jenny St on November 13, 2025. Wetlands south of Jenny St were not delineated by Goddard Consulting since the landowner denied permission to delineate the land. This section of wetland is being derived from approved record design plans. On November 13, 2025, Goddard Consulting confirmed that the wetland line south of Jenny St is at least 50-ft from the property line due to a large swath of Japanese Knotweed; an invasive species, located from the property line up to a conservative start of the off-site BVW boundary.

According to the MassGIS data layers for the Natural Heritage & Endangered Species Program (NHESP), the locus site is located within Estimated and Priority Habitat of Rare Wildlife but not in an Area of Critical Environmental Concern (ACEC). The site is not located in a jurisdictional FEMA Flood Zone or within 200-ft of a River. There are no mapped certified or potential vernal pools on the site. This NOI submission is a joint filing with NHESP and MassDEP.

3.0 PROJECT DESCRIPTION AND BUFFER ZONE IMPACT

The proposed project is a single-family house with garage, deck, driveway and existing gravel road extension. Work will occur mostly within a maintained lawn area. No work is proposed within the 25-ft no disturb buffer zone. Work within the 26-50-ft buffer zone will include the extension of an existing gravel roadway for access, a portion of gravel driveway, and associated grading. Work within the 50-100-ft buffer will be associated with the house, deck, paved driveway and grading.

As previously stated, work as proposed will occur within maintained lawn and a disturbed area associated with the end of the existing gravel roadway (see photo 1 and 2). Only one tree is proposed to be removed on site. This will be mitigated by the installation of native foundation plantings. Please refer to Table 1. for buffer zone impact numbers.

Table 1. Buffer Zone Impacts

Buffer Zone Area	26-50-ft Buffer Zone	50-100-ft Buffer Zone
	Pervious Gravel Road Extension= 1,126 sf	House and garage = 1,465 sf
	Pervious/Gravel section of Driveway = 135 sf	Raised Deck = 4 sf (piles)
	Minor Grading = 1,664 (temporary, will be restored back to lawn)	Driveway = 515 sf Minor Grading=5,796 sf (temporary to be restored)
Total Permanent Impacts	1,261 sf Pervious Material Placement	1,984 sf Impervious Material Placement

As Table 1 indicates 1,261 sf of pervious material is proposed within the 26-50-ft buffer zone from the extension of the existing gravel drive and the construction of a portion of driveway (gravel is to be used at the end of the driveway to keep impervious material such as pavement out of the 50-ft buffer zone). Minor grading is not proposed to be a permanent impact since it is currently a relatively flat area consisting of lawn and once the project is finished the area will go back to a relatively level maintained lawn.

Work in the 50-100-ft buffer zone will consist of 1,465 sf of impact from the house, 4 sf from the pile footings for the raise deck (lawn will be replaced underneath), and 515 sf for the rest of the paved driveway. Minor grading as described above is considered to be temporary. As a result, the total impacts to buffer zone will be 1,984 sf which will occur within existing maintained lawn (only one tree out of the nine trees on the locus site is proposed to be removed by the project; refer to associated plan). This tree will be mitigated with native foundation plantings.

5.0 BUFFER ZONE COMPLIANCE WITH WPA PERFORMANCE STANDARDS

The WPA Regulations [310 CMR 10.02(2)(b)] do not contain performance standards for Buffer Zone Alteration. All reasonable efforts to avoid, minimize and mitigate adverse impacts on the Buffer Zone have been considered.

The Buffer Zone does not contain slopes greater than 15%, and erosion and sedimentation controls will be installed along the limit of work throughout the project area in order to prevent any siltation into the resource during construction.

6.0 COMPLIANCE WITH THE TOWN OF FAIRHAVEN WETLANDS PROTECTION BYLAW

6.1 25-ft. No Disturb Buffer Zone

The project is conforming to this 25-ft no disturb setback. No work will be performed within this 0-25-ft buffer zone and all vegetation that is located within this 25-ft no disturb zone will be maintained.

6.2 25-50-ft Buffer Zone

The Fairhaven wetland regulations state that no structures will be constructed within the 25-50-ft buffer zone including any impervious materials. The proposed house and all other impervious materials (i.e. paved driveway) will be located outside the 50-ft Buffer zone. The extension of the existing gravel roadway and gravel for the driveway entrance is allowed within this area since it is pervious.

6.3 50-100-ft Buffer Zone

Slopes steeper than 10% need further consideration and potential mitigation. This project site is nearly level and does not contain slopes steeper than 10%.

If the project proposes 30% or more impervious area within the 50-100-ft Buffer zone mitigation plantings are needed. This project has 10,535 sf within the 50-100-ft buffer zone with 1,984 sf of impervious surface proposed; which is much lower than 30% impervious surface threshold and therefore no additional mitigation plantings are needed.

7.0 CONCLUSIONS

The project proposes 1,984 sf of permanent impacts from the proposed house, garage, raised deck, driveway and expansion of an existing gravel roadway for access. This work will occur within previous created, level, maintained lawn or within a disturbed area at the end of the existing gravel drive (see photo 1 and 2). Only one tree of nine, located on the maintained lawn site will be impacted; which will be mitigated by native foundation plantings.

As proven above, the project is in compliance with the Massachusetts Wetlands Protection Act and the Fairhaven Buffer Zone Performance Standards so that no work will occur within 25-ft of the wetlands, no structures will be created within 50-ft of the wetland line, no impervious surfaces will be installed within the 50-ft buffer zone and erosion controls will be installed and maintained at the limit of work so that all wetland resources located off-site will be protected.

NHESP will issue a determination letter for this project relative to the proposed impacts to state-listed species habitat under the MA Endangered Species Act. All work is within maintained lawn and based on initial feedback from NHESP, this project is expected to be approved with possible special conditions.

In summary, Goddard Consulting believes that the proposed project will not have any adverse impacts on the interests identified in the Massachusetts Wetlands Protection Act or the interests of the Town of Fairhaven's Wetlands Bylaw. The proposed project has been designed with sensitivity to the resource areas on the site and has both minimized and avoided impacts to the maximum extent feasible. Therefore, Goddard Consulting respectfully requests that the Fairhaven Conservation Commission issue an Order of Conditions approving the proposed project.

Sincerely,

Goddard Consulting, LLC



Nicole Hayes, PWS
Senior Wetland Scientist



Ryan Roseen
Lead Wildlife Biologist

CC: MassDEP - 20 Riverside Drive, Lakeville, MA 02347

NHESP- Regulatory Review - 1 Rabbit Hill Road, Westborough, MA 01581

Joel Cordero - 4 Earle St, Fairhaven, MA 02719



Photo 1. Picture of maintained lawn and landscape trees; showing area of proposed work. Only one tree of the nine to be impacted.



Photo 2. Showing disturbed area associated with the extension of the gravel roadway



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:

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Fairhaven

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):

4 Earle St

a. Street Address

Latitude and Longitude:

31A

f. Assessors Map/Plat Number

Fairhaven

02719

b. City/Town

c. Zip Code

41.651347

70.848564

d. Latitude

e. Longitude

453

g. Parcel /Lot Number

2. Applicant:

Joel

a. First Name

Cordero

b. Last Name

c. Organization

4 Earle St

d. Street Address

Fairhaven

MA

02719

e. City/Town

508-317-1771

f. State

g. Zip Code

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):

Nicole

Hayes

a. First Name

b. Last Name

Goddard Consulting

c. Company

290 Main St

d. Street Address

Northboro

e. City/Town

MA

01532

h. Phone Number

i. Fax Number

j. Email address

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

500

237.50

262.50

a. Total Fee Paid

b. State Fee Paid

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Single-family house with raised deck, garage, and driveway to be constructed within the 100-ft buffer zone to BVW, within maintained lawn. No work within 25-ft and no

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

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

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

1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

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

8. Property recorded at the Registry of Deeds for:

Bristol

a. County

12926

c. Book

b. Certificate # (if registered land)

82

d. Page Number

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

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

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

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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 3. cubic yards dredged	2. square feet
<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 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - specify coastal or inland	
2. Width of Riverfront Area (check one):		
<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only		
<input type="checkbox"/> 100 ft. - New agricultural projects only		
<input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6. Was the lot where the activity is proposed created prior to August 1, 1996?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3. <input type="checkbox"/> Coastal Resource Areas: (See 310 CMR 10.25-10.35)		

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



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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	
j. <input type="checkbox"/> Land Containing Shellfish	2. cubic yards dredged	
k. <input type="checkbox"/> Fish Runs	1. square feet	
	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
a. square feet of BVW	b. square feet of Salt Marsh	
5. <input type="checkbox"/> Project Involves Stream Crossings		
a. number of new stream crossings	b. number of replacement stream crossings	



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C. Other Applicable Standards and Requirements

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

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

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

a. Yes No

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

2021

b. Date of map

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

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

- c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area

0

percentage/acreage

(b) outside Resource Area

1,984 sf of impervious surface and 1,261 sf of pervious surface proposed

percentage/acreage

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

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

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

- (b) Photographs representative of the site

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <https://www.mass.gov/mass-endangered-species-act-mesa-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.



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

(c) MESA filing fee (fee information available at <https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review>).

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, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; 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 - Bourne 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@mass.gov

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

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.

c. Is this an aquaculture project? d. Yes No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



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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.

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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.

Site Plan for 4 Earle Street

a. Plan Title

KBM Design Group

Alfons Koka

b. Prepared By

12/3/2025

c. Signed and Stamped by

1=20

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:

133

12-3-25

2. Municipal Check Number

132

3. Check date

12-3-25

4. State Check Number

Joe

5. Check date

Cordero

6. Payor name on check: First Name

7. Payor name on check: Last Name



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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.



1. Signature of Applicant

12/3/25

3. Signature of Property Owner (if different)



2. Date

12/10/25

5. Signature of Representative (if any)



4. Date

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.



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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:

4 Earle St

a. Street Address

132

c. Check number

Farihaven

b. City/Town

237.50

d. Fee amount

2. Applicant Mailing Address:

Joel

a. First Name

Cordero

b. Last Name

c. Organization

4 Earle St

d. Mailing Address

Fairhaven

e. City/Town

MA

01532

f. State

joel@joelcordero.com

g. Zip Code

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

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

B. Fees

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

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

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

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

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

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

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



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

B. Fees (continued)

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.)



CONSERVATION COMMISSION

Town Hall • 40 Center Street • Fairhaven, MA 02719

APPLICATION CHECKLIST
NOTICE OF INTENT

Please submit the following to the Fairhaven Conservation Commission:

- A check for \$75.00, advertising fee
- A check for the Town's share of the state Wetlands Protection Act Filing Fee ([NOI fee transmittal form](#))
- A check for the Fairhaven Wetlands Bylaw fee
- Two (2) collated packets (1 original, 1 copy), each containing the following:
 - Completely filled out and signed copy of the most recent WPA Form 3, available at <https://www.mass.gov/how-to/wpa-form-3-wetlands-notice-of-intent>
 - A detailed narrative describing the property, delineated resource area(s) and methods of delineation, proposed activity and/or work, including how the work will be done, location of storage materials, how the site will be accessed by equipment, etc., and any other information that will help the Commission understand your project.
 - Complete copies of project plans that include the following information:
 - Locus map – i.e. USGS Quad topographic map
 - Location of all known resource areas, including sequentially numbered flags
 - Date the delineation was completed
 - 50- and 100-foot buffer lines from resource areas
 - 200-foot Riverfront Area, if applicable
 - FEMA Flood Zone boundaries, if applicable
 - Location of existing structures and/or vegetation, including all trees 8" dbh or greater
 - Location of proposed structures and/or vegetation
 - Shortest distance from proposed disturbed areas to known resources
 - Topography in 2-ft contour intervals
 - Proposed grading and drainage
 - Erosion and sedimentation controls
 - An 11" x 17" set of project plans if they are larger
 - Abutters List (a list of property owners that are within **100 feet** of the property where the project is taking place, see [Abutter List Request Form](#))
 - [Notification to Abutters Form](#) – filled out by applicant
 - Any other information that will help the Commission understand your project
- Proof of abutter notification by certified mail or hand delivery. *Failure to present proof will result in the Conservation Commission NOT hearing your application.*
- Proof that a **complete copy** of the above packet was sent to:
 - MA Department of Environmental Protection
 - Southeast Regional Office
 - 20 Riverside Drive
 - Lakeville, MA 02347
- If applicable, proof that a complete copy of the above packet was sent to the MA Natural Heritage & Endangered Species Program and the MA Division of Marine Fisheries
- Submission of a complete copy of the NOI to the US EPA at [NewBedfordHarbor@epa.gov](mailto>NewBedfordHarbor@epa.gov) if it is a shoreline project and falls within New Bedford Harbor north of the hurricane barrier
- An electronic copy of the entire application packet, thumb drive or emailed to conservation@fairhaven-ma.gov



100 feet Abutters List Report

Fairhaven, MA
December 09, 2025

Subject Property:

Parcel Number: 31A-453
CAMA Number: 31A-453
Property Address: 4 EARLE ST

Mailing Address: CORDERO JOEL & TASHA R
4 EARLE STREET
FAIRHAVEN, MA 02719

Abutters:

Parcel Number: 31A-414
CAMA Number: 31A-414
Property Address: 417 HUTTLESTON AVE

Mailing Address: VIERA ROBERT S & CYNTHIA TTE
CYNTHIA VIERA 2017 REV TR
4 LEEWARD WAY
FAIRHAVEN, MA 02719

Parcel Number: 31A-432
CAMA Number: 31A-432
Property Address: 419 HUTTLESTON AVE

Mailing Address: KOCOR CAROLINE R
419 HUTTLESTON AVENUE
FAIRHAVEN, MA 02719

Parcel Number: 31A-433
CAMA Number: 31A-433
Property Address: 421 HUTTLESTON AVE

Mailing Address: RAIMONDO JESSICA L
421 HUTTLESTON AVE
FAIRHAVEN, MA 02719

Parcel Number: 31A-434
CAMA Number: 31A-434
Property Address: 3 EARLE ST

Mailing Address: VEDEV LLC
968 KEMPTON ST
NEW BEDFORD, MA 02740

Parcel Number: 31A-440
CAMA Number: 31A-440
Property Address: 2 JENNEY ST

Mailing Address: GARCIA LIONEL GARCIA RAVEN
24 TIMOTHY ST
FAIRHAVEN, MA 02719

Parcel Number: 31A-453
CAMA Number: 31A-453
Property Address: 4 EARLE ST

Mailing Address: CORDERO JOEL & TASHA R
4 EARLE STREET
FAIRHAVEN, MA 02719

Parcel Number: 31A-460
CAMA Number: 31A-460
Property Address: JENNEY ST

Mailing Address: GAJ MICHAEL
8 CRESCENT DRIVE
FAIRHAVEN, MA 02719

Parcel Number: 31A-461
CAMA Number: 31A-461
Property Address: JENNEY ST

Mailing Address: GAJ MICHAEL
8 CRESCENT DRIVE
FAIRHAVEN, MA 02719

Parcel Number: 31A-462
CAMA Number: 31A-462
Property Address: JENNEY ST

Mailing Address: GAJ MICHAEL
8 CRESCENT DRIVE
FAIRHAVEN, MA 02719

Parcel Number: 31A-477
CAMA Number: 31A-477
Property Address: 5 JENNEY ST

Mailing Address: MESSIER SCOTT K MESSIER LOIS E
5 JENNEY ST
FAIRHAVEN, MA 02719



www.cai-tech.com



100 feet Abutters List Report

Fairhaven, MA

December 09, 2025

Parcel Number: 31A-600E
CAMA Number: 31A-600E
Property Address: 10 FORESTVIEW DR

Mailing Address: MATOS DAVID M & JEAN M
10 FORESTVIEW DR
FAIRHAVEN, MA 02719

Parcel Number: 31A-600J
CAMA Number: 31A-600J
Property Address: 22 FORESTVIEW DR

Mailing Address: SAUCIER CHRISTOPHER A & CHRISTIN
M
22 FORESTVIEW DRIVE
FAIRHAVEN, MA 02719

Parcel Number: 31A-600X
CAMA Number: 31A-600X
Property Address: FORESTVIEW DR

Mailing Address: SKY VIEW LINES LLC
639 POINT ROAD
MARION, MA 02738

Parcel Number: 34A-396
CAMA Number: 34A-396
Property Address: 420 HUTTLESTON AVE

Mailing Address: SANTIAGO ADELAIDA & VEGA LUIS A
420 HUTTLESTON AVENUE
FAIRHAVEN, MA 02719

Parcel Number: 34A-397
CAMA Number: 34A-397
Property Address: 422 HUTTLESTON AVE

Mailing Address: CANHA TRACEY & MITCHELL SEAN K
422 HUTTLESTON AVENUE
FAIRHAVEN, MA 02719

 CAI Technologies

www.cai-tech.com

12/9/2025

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies
are not responsible for any use for other purposes or misuse or misrepresentation of this report.

Page 2 of 2

**Notification to Abutters Under the
Massachusetts Wetlands Protection Act
and the Fairhaven Wetlands Bylaw**

*(this form must be completed and copies sent by certified mail
or hand delivery to all abutters within 100 feet of the property
where the project is located)*

In accordance with the Massachusetts General Laws Chapter 131, Section 40 (the Wetlands Protection Act) and the Fairhaven Wetlands Bylaw (Chapter 192), you are hereby notified of the following:

1. The applicant's name is Joel Cordero
2. The applicant has filed the following with the Fairhaven Conservation Commission:
 Request for Determination of Applicability
 Notice of Intent
 Request to Amend an existing Order of Conditions
 Notice of Resource Area Delineation
3. The address or location of the site where the activity, project, or delineation is proposed is:
4 Earle Street, Fairhaven, MA.
4. The proposed work includes

The construction of a single-family house, garage, raised deck, driveway and the extension of an existing gravel road within the 100-ft Buffer Zone
No work within 25-ft and no impervious surface within 50-ft of the wetlands.

5. Copies of the above application may be examined at the Conservation Office, located in Town Hall, 40 Center Street, Fairhaven, MA 02719, between 9:00 AM and 4:00 PM, Monday through Friday. Copies may be obtained at the office if notified in advance or from the applicant.
6. Applications will also be uploaded to www.fairhaven-ma.gov/conservation-commission/pages/current-filings. If you are unable to access or view the application electronically, please contact the Conservation Office at 508-979-4023, ext. 128.
7. Notice of the public hearing including its date, time, and place will be published at least five business days in advance in the Fairhaven Neighborhood News, and will be posted on the Fairhaven Town Website and at the Fairhaven Town Hall not less than 48 hours in advance.

PLEASE NOTE:

Since you are receiving this notice, you may have wetland resource areas or wetland buffers on your property. Therefore, construction, cutting, clearing, or grading may require a permit. For clarification or for more information, call the Conservation Agent at 508-979-4082 or visit our website.

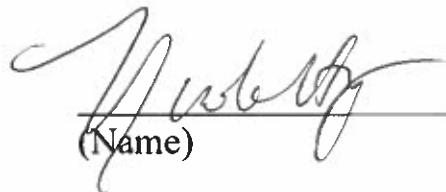
AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act

I, Nicole Hayes hereby certify under the pains and penalties of perjury that on 12-12-25 I gave notification to abutters in Compliance with the second paragraph of Massachusetts General Law Chapter 131, Section 40, and the DEP Guide to Abutter Notification dating April, 8, 1994 in connection with the following matter:

A Notice Of Intent was filed under the Massachusetts Wetlands Protection Act by Joel Cordero with the Fairhaven Conservation Commission on 12-12-25 for property located at 4 Earle St in Fairhaven, MA for the construction of a single family house within the 50-100 foot Buffer Zone of Bordering Vegetated Wetlands (BVW).

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



(Name)

12-12-25

(Date)

Wetland Border Report

Site Locus: 4 Earle St, Fairhaven, MA

Prepared for: KBM Design

Prepared by: Goddard Consulting LLC, 291 Main St, Suite 8, Northborough MA 01532

Date: 11-13-2025

INTRODUCTION

On November 13, 2025, the wetland resources were inspected on land located at 4 Earle St in Fairhaven, MA and within 100-ft of the parcel. The protocol to flag wetland borders utilizes the criteria in the most recent edition of MA Wetland Protection Act (WPA) and Regulations 310 CMR 10.00 et al and local wetland bylaws. Hydric soil indicators, vegetation changes, hydrological indicators, and topography were all considered for delineation purposes.

The titles of attached documents are as follows:

- DEP Bordering Vegetated Wetland Determination Forms
- Orthophoto of Locus Site, Goddard Consulting LLC
- Orthophoto with NRCS Soil Survey, Goddard Consulting LLC
- Orthophoto with DEP Mapped Wetlands, Goddard Consulting LLC
- Orthophoto with FEMA Flood Zones, Goddard Consulting LLC
- USGS of Locus Site, Goddard Consulting LLC

SUMMARY OF FINDINGS

No wetland resources are located on site at 4 Earle St. The proposed project is a single-family house which will be located within maintained lawn adjacent to the existing single-family home at 4 Earle St (see photo 1).

According to the MassGIS data layers for the Natural Heritage & Endangered Species Program (NHESP), the locus site is located within Estimated and/or Priority Habitat of Rare Wildlife. The site is not located within 200-ft a mapped river nor a jurisdictional FEMA Flood Zone. There are no mapped certified or potential vernal pools on the site (see enclosed maps).

A Bordering Vegetated Wetland (BVW) is located near to the site so that the 100-ft buffer zone extends on to the site at 4 Earle St and in the proposed project area. The wetland is located on others property, to the south of the site (down gradient of Jenny St) and to the east of the site (east of Perry St). A portion of this wetland was recently flagged by Goddard Consulting for the Town of Fairhaven; specifically, the area to the east of the site; which was flagged with flag series GC1-18 (see photo 2 of this wetland area). The sampling point for this wetland line determination took place near flag GC-7. Vegetation upgradient of the BVW is dominated by Japanese knotweed, oak, Norway maple, and wisteria. Vegetation downgradient of the BVW is dominated by red maple, sweet pepperbush, highbush blueberry, wisteria, poison ivy and wetland ferns. More detailed information about vegetation, hydrology and soils is included in the attached NRCS Soil Map and the DEP Bordering Vegetated Wetland Determination Forms.

The wetland located south of the site (south of Jenny St) was not delineated by Goddard Consulting and the landowner has not given us permission to access or flag the off-site resource area. During my November 13, 2025, site inspection I estimate this wetland to be approximately 30-50-ft feet off the property line located at 4 Earle St. There is a large Japanese knotweed, bittersweet and wisteria stand (all invasives) between the off-site southern wetland and the maintained lawn area fo 4 Earle St (see Photo 3).

Any work within the off-site BVW resource including the jurisdictional 100-foot BVW Buffer Zone which extends onto the site, requires a Request for Determination (RDA) or Notice of Intent (NOI) to be filed with the Conservation Commission.

SITE PHOTOS



Photo 1. Picture of maintained grass area at 4 Earle St. Location of the proposed single-family house, looking East

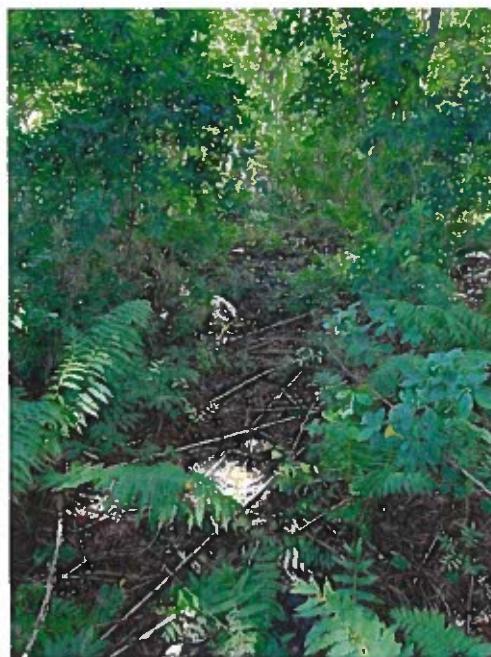


Photo 2. Picture of the wetland looking east. Photo was taken during the GC1-18 delineation for the Town of Fairhaven.

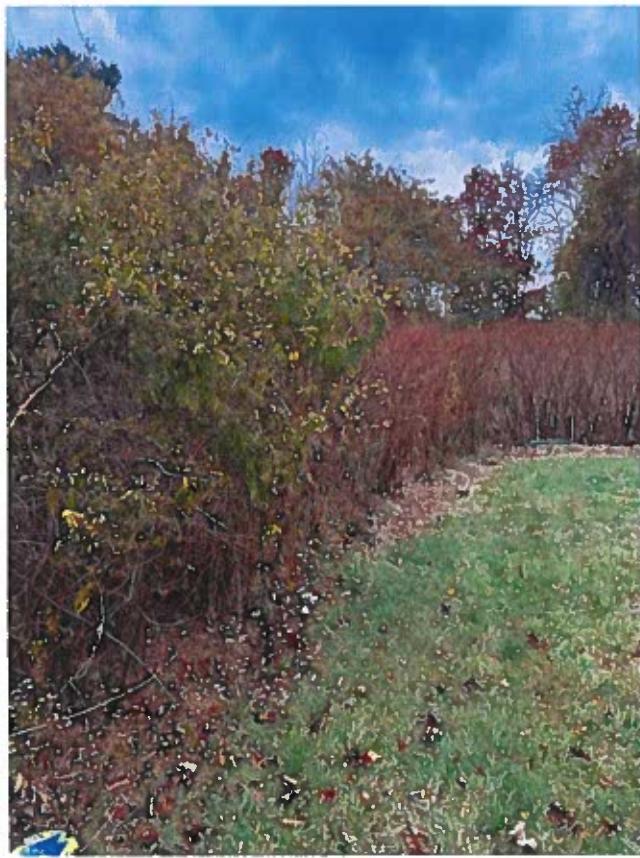
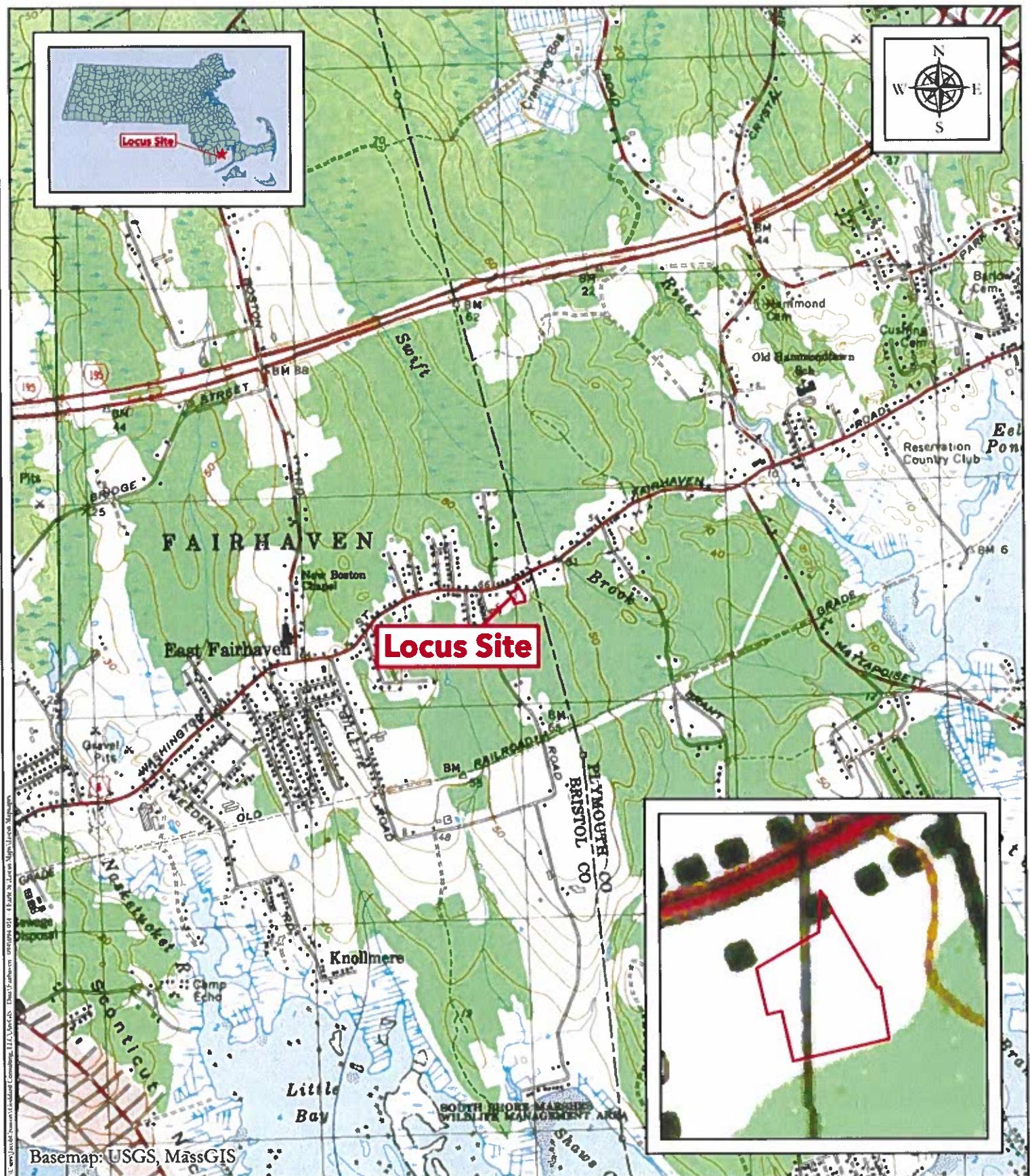


Photo 3. Picture of the large Japanese Knotweed, bittersweet and wisteria stand between off-site wetland and maintained lawn area of 4 Earle St, looking south.

Sincerely,
Goddard Consulting, LLC.



Nicole Hayes, PWS
Senior Wetland Scientist



Date: 10/29/2025

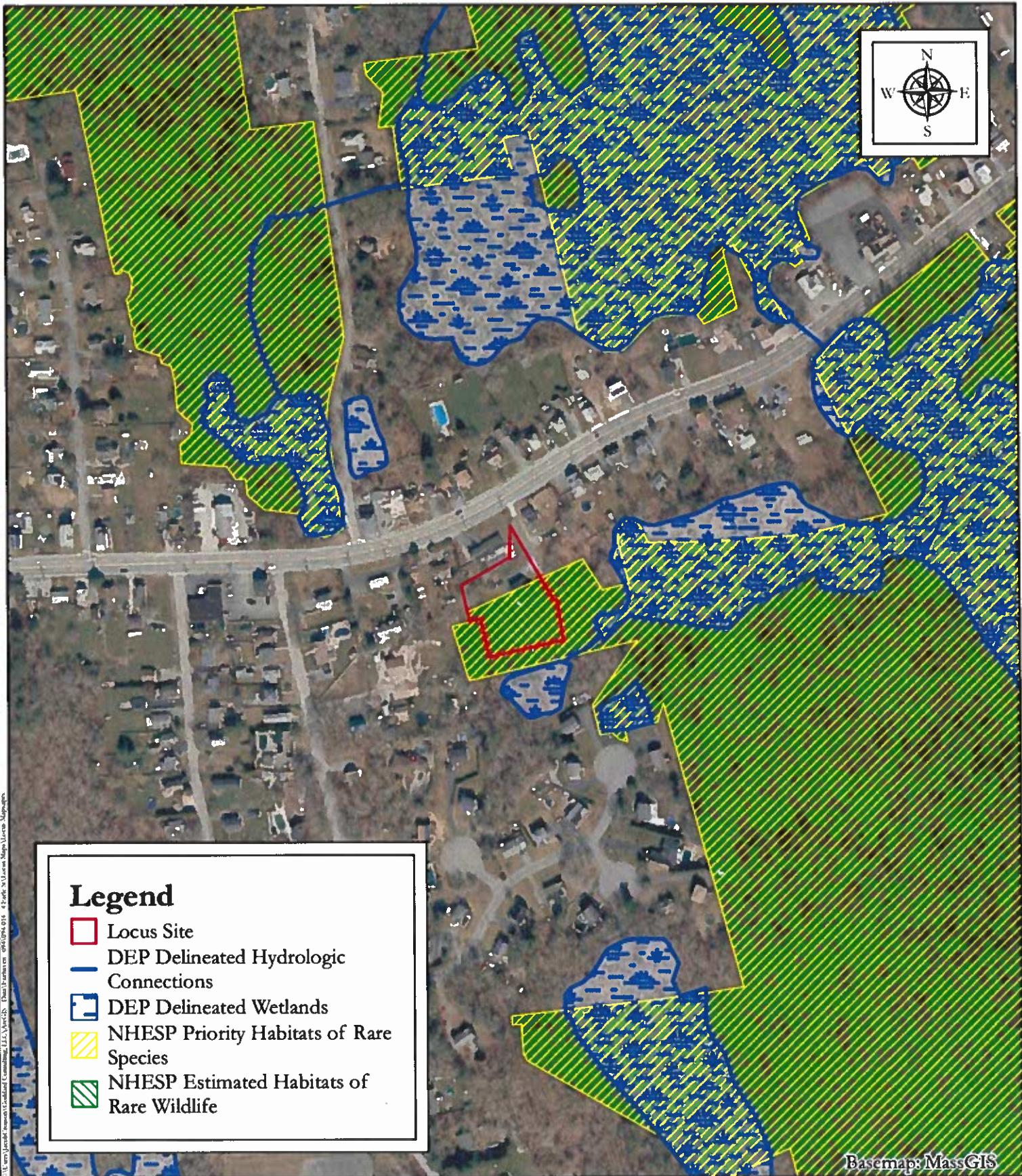
USGS of Locus Site

4 Earle Street
Fairhaven, MA

0 1,000 2,000
Feet 1" = 2,000'

70.8487009°W, 41.6515289°N

Parcel ID: 31A-453



Date: 10/29/2025

Orthophoto of Locus Site

4 Earle Street
Fairhaven, MA

0 150 300
Feet 1" = 300'

70.8487009°W, 41.6515289°N

Parcel ID: 31A-453



Date: 10/29/2025

NRCS Soil Survey of Locus Site

4 Earle Street
Fairhaven, MA

0 60 120
Feet 1" = 120'

70.8487009°W, 41.6515289°N

Parcel ID: 31A-453

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: 0 Perry St City/Town: Fairhaven Sampling Date: 7/11/25
 Applicant/Owner: Fairhaven Conservation Sampling Point or Zone: GC-7
 Investigator(s): Nicole Hayes Latitude/Longitude: 41.651671.70.8481754
 Soil Map Unit Name: Ridgebury NWI or DEP Classification: Forested wetland

UPGRADIENT

Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks)
 Are Vegetation , Soil , or Hydrology significantly disturbed? (If yes, explain in Remarks)
 Are Vegetation , Soil , or Hydrology naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc

Wetland vegetation criterion met?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soils criterion met?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetlands hydrology present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks, Photo Details, Flagging, etc.:					

HYDROLOGY

Field Observations:					
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (in) _____					
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (in) _____					
Saturation Present (including capillary fringe)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (in) _____					
Wetland Hydrology Indicators					
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water			
<input type="checkbox"/> Water-stained leaves <input type="checkbox"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)			
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):					

This form is only for 8VW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

Tree Stratum		Plot size <u>30'</u>					
	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	Northern White Oak	<i>Quercus alba</i>	FACU	38.0%	X		74.5%
2	Northern Red Oak	<i>Quercus rubra</i>	FACU	10.0%			19.6%
3	Red Maple	<i>Acer rubrum</i>	FAC	3.0%		X	5.9%
4							
5							
6							
7							
8							
9							
				51.0%	=Total Cover		
Shrub/Sapling Stratum		Plot size <u>15'</u>					
	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	Japanese Knotweed	<i>Reynoutria japonica</i>	FACU	38.0%	X		100.0%
2							
3							
4							
5							
6							
7							
8							
9							
				38.0%	=Total Cover		
Herb Stratum		Plot size <u>5'</u>					
	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	Japanese Knotweed	<i>Reynoutria japonica</i>	FACU	10.0%	X		62.5%
2	Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	FACW	3.0%		X	18.8%
3	Sensitive Fern	<i>Onoclea sensibilis</i>	FACW	3.0%		X	18.8%
4							
5							
6							
7							
8							
9							
10							
11							
12							
				16.0%	=Total Cover		

VEGETATION – continued.

Woody Vine Stratum		Plot size 30'					
	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	American Wisteria	<i>Wisteria frutescens</i>	FACW	38.0%	X	X	100.0%
2							
3							
4							
				38.0%	=Total Cover		

Rapid Test:		Do all dominant species have an indicator status of OBL or FACW?			Yes	No	X
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up \geq 50% of dominant plant species?			
		1		Yes	No	X	
Prevalence Index:	4	Total % Cover (all strata)	Multiply by:	Result			
		0%	x1	=	0%		
		44%	x2	=	88%		
		3%	x3	=	9%		
		96%	x4	=	384%		
	0%	x5	=	0%			
Column Totals (A)	143%		(B)	481%			
Prevalence Index	B/A=	3.36	Is the Prevalence Index \leq 3.0?				
			Yes	No	X		

Wetland vegetation criterion met? Yes No X

Definitions of Vegetation Strata

Tree	Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
Shrub/Sapling	Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
Herb	All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
Woody vines	All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.00%
6-15 %	10.50%
15-25 %	20.50%
26-50 %	38.00%
51-75 %	63.00%
76-95 %	85.50%
96-100 %	98.00%

SOIL

DOWNGRADIENT

Are climatic/hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS ~ Attach site map and photograph log showing sampling locations, transects, etc

Wetland vegetation criterion met?	Yes <input checked="" type="checkbox"/>	No _____	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No _____
Hydric Soils criterion met?	Yes <input checked="" type="checkbox"/>	No _____			
Wetlands hydrology present?	Yes <input checked="" type="checkbox"/>	No _____			
Remarks, Photo Details, Flagging, etc.:					

HYDROLOGY

Field Observations:

Surface Water Present?	Yes	No <input checked="" type="checkbox"/>	Depth (in)
Water Table Present?	Yes	No <input checked="" type="checkbox"/>	Depth (in)
Saturation Present (including capillary fringe)?	Yes	No <input checked="" type="checkbox"/>	Depth (in)

Wetland Hydrology Indicators

Reliable Indicators of Wetlands	Indicators that can be Reliable with	Indicators of the Influence of Water
<input checked="" type="checkbox"/> Water-stained leaves	Hydrological records	Direct observation of inundation
<input type="checkbox"/> Evidence of aquatic fauna	Free water in a soil test hole	<input checked="" type="checkbox"/> Drainage patterns
<input type="checkbox"/> Iron deposits	Saturated soil	Drift lines
<input type="checkbox"/> Algal mats or crusts	<input checked="" type="checkbox"/> Water marks	Scoured areas
<input checked="" type="checkbox"/> Oxidized rhizospheres/pore linings	Moss trim lines	Sediment deposits
<input type="checkbox"/> Thin muck surfaces	Presence of reduced iron	Surface soil cracks
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	Woody plants with adventitious roots	Sparingly vegetated concave surface
<input type="checkbox"/> Plants with polymorphic leaves	Trees with shallow root systems	Microtopographic relief
<input type="checkbox"/> Plants with floating leaves	Woody plants with enlarged lenticels	Geographic position (depression, toe of slope, fringing lowland)
<input type="checkbox"/> Hydrogen sulfide odor		

Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size <u>30'</u>					
	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Red Maple	<i>Acer rubrum</i>	FAC	63.0%	X	X	75.9%
2	American Elm	<i>Ulmus americana</i>	FACW	20.0%	X	X	24.1%
3							
4							
5							
6							
7							
8							
9							
				83.0%	=Total Cover		
<u>Shrub/Sapling Stratum</u>		Plot size <u>15'</u>					
	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC	10.0%	X	X	33.3%
2	Highbush Blueberry	<i>Vaccinium corymbosum</i>	FACW	10.0%	X	X	33.3%
3	American Holly	<i>Ilex opaca</i>	FACU	10.0%	X		33.3%
4							
5							
6							
7							
8							
9							
				30.0%	=Total Cover		
<u>Herb Stratum</u>		Plot size <u>5'</u>					
	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Eastern Poison Ivy	<i>Toxicodendron radicans</i>	FAC	20.0%	X	X	50.0%
2	Sensitive Fern	<i>Onoclea sensibilis</i>	FACW	10.0%	X	X	25.0%
3	Cinnamon Fern	<i>Osmunda cinnamomeum</i>	FACW	10.0%	X	X	25.0%
4							
5							
6							
7							
8							
9							
10							
11							
12							
				40.0%	=Total Cover		

VEGETATION – continued.

Woody Vine Stratum		Plot size	30'				
Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant	
1 Eastern Poison Ivy	<i>Toxicodendron radicans</i>	FAC	20.0%	X	X	50.0%	
2 American Wisteria	<i>Wisteria frutescens</i>	FACW	20.0%	X	X	50.0%	
3							
4							
			40.0%	=Total Cover			

Rapid Test:		Do all dominant species have an indicator status of OBL or FACW?		Yes	No	X
Dominance Test:		Number of dominant species	Number of dominant species that are	Do wetland indicator plants make		
		10	9	Yes	X	No
Prevalence Index:		Total % Cover	Multiply by:	Result		
		OBL species	0%	x1	■	0%
		FACW species	70%	x2	■	140%
		FAC species	113%	x3	■	339%
		FACU species	10%	x4	=	40%
		UPL species	0%	x5	±	0%
		Column Totals (A)	193%	(B)	519%	
		Prevalence Index B/A=	2.69	Is the Prevalence Index ≤ 3.0?		
				Yes	X	No

Wetland vegetation criterion met? Yes X No

Definitions of Vegetation Strata

Tree Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
 Shrub/Sapling Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
 Herb All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
 Woody vines All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.00%
6-15 %	10.50%
15-25 %	20.50%
26-50 %	38.00%
51-75 %	63.00%
76-95 %	85.50%
96-100 %	98.00%

SOIL