Notice of Intent (NOI)

Proposed Wetland
Restoration and Parking
Area Development

347 Wethersfield Street Rowley, MA

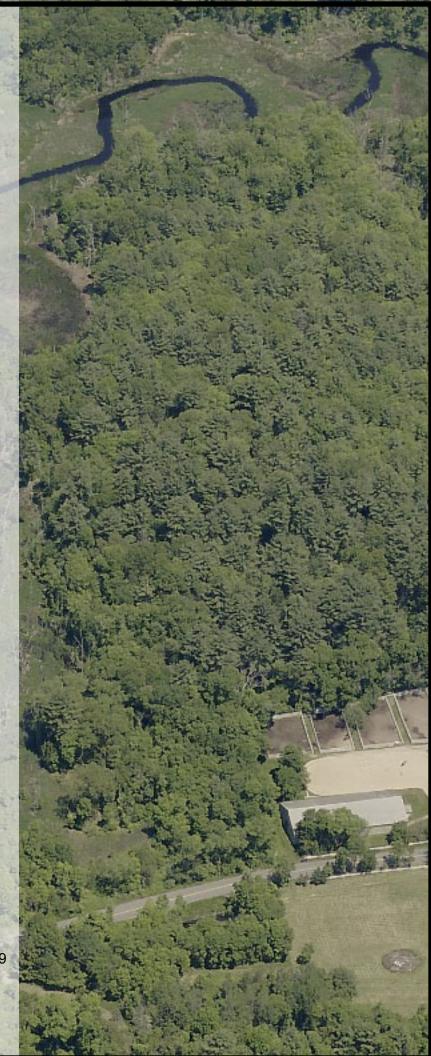
March 18, 2024

Prepared for:

Deborah M. Eagan Town Administrator 139 Main St. PO Box 275 Rowley, MA 01969

Design Team:

DeRosa Environmental Consulting, Inc. 150 Newburyport Turnpike, Suite C-9, Rowley MA 01969



March 18, 2024

BY ELECTRONIC AND HAND DELIVERY

Town of Rowley Conservation Commission Town Hall Annex Room #4 39 Central Street Rowley, MA 01969

Mr. Daniel Shinnick, Chairman

Phone: (978) 948-2330 Fax: (978) 948-7196

conservation@TownofRowley.org



150 Newburyport Turnpike Suite C-9 Rowley, MA

978.948.7717 Office

derosaenvironmental.com

RE: Notice of Intent (NOI) Application for the Proposed Wetland Restoration and Parking Area Development

347 Wethersfield Street Rowley, Massachusetts

Dear Mr. Shinnick, & Members of the Commission:

Our office has prepared the following Notice of Intent (NOI) Application to meet the requirements of the Massachusetts Wetlands Protection Act (MGL Ch. 131 Sec. 40) and its Regulations (310 CMR 10.00, et seq) (the "Act") and the Town of Rowley Wetlands Protection Bylaw (the "Bylaw"). We were authorized to prepare this filing at the request of Deborah Eagan, Town Administrator for the Town of Rowley, owner of the property located at 347 Wethersfield Street in Rowley, Massachusetts, known as Map 19 Lot 8-16 (Figure 1 and Figure 3).

This Notice of Intent (NOI) Application requests that the Conservation Commission issue an Order of Conditions (OOC) for the proposed implementation of a Restoration Plan and the construction of a parking area for public access to open space.



Aerial view of Site at 347 Wethersfield Street.

Executive Summary

Site Description

The subject property is an approximately 2.5-acre parcel north of Wethersfield Street in Rowley (the "Site," Figure 1). The Site is bordered by residential properties to the south and east and vacant, forested land to the north and west. Bachelder Brook is located west of the Site. Additionally, two bordering vegetated wetland areas pass through the western and eastern portions of the Site. Accordingly, portions of the Site are located within the 200' Riverfront Area associated with Bachelder Brook as well as the 100' buffer zone to bordering vegetated wetlands.

The Site is a vacant, municipal lot with unpermitted fill in the bordering vegetated wetland and areas of debris from past, unauthorized use.

Prior Disturbance at the Site

Portions of the site within the bordering vegetated wetland and its associated buffer zone as well as the 200-foot riverfront area have been disturbed through past unauthorized activities. Approximately 180 feet of fill was placed in the existing bordering vegetated wetland on the western portion of the Site. Additionally, a large area of debris from a past homeless/horse encampment is located on the northwestern portion of the Site and extends north into the adjacent parcel known as 510 Newburyport Turnpike, Map 19 Lot 8-4A (Figure 2).

Project Summary

In brief, the proposed project includes the following elements:

- 1. Cutting vegetation to provide access for dumpster
- 2. Cleanup of debris from abandoned homeless/horse encampment
- 3. Removal of unpermitted crushed rock fill in former BVW (driveway access)
- 4. Restoration /reseeding of released BVW after fill removal
- 5. Creation of gravel parking area to support four vehicles
- 6. Construction of bog bridge across former filled area to give public access to open space parcel

Portions of the work are proposed within the 100-foot buffer zone associated with bordering vegetated wetlands and within the 200-foot Riverfront Area to Bachelder Brook (Figure 2).

The following report provides a detailed description of wetland resource areas within the project area and key project elements.

Existing Wetland Resource Areas

Since proposed work at the Site will occur within the buffer zone to bordering vegetated wetland and the 200' Riverfront Area, the project which is the subject of this application is within the jurisdiction of the Rowley Conservation Commission under the Act and the Bylaw.

Buffer Zone - 310 CMR 10.02(2)(b)

Although not a resource area by definition, the Act identifies the buffer zone as that jurisdictional area which extends 100 feet from the edge of a wetland boundary. The area of buffer zone that is regulated by the Act and falls within the limits of work is associated with the bordering vegetated wetlands located on the western and northeastern portions of the property, as discussed below. As much of the Site is located within buffer zone to bordering vegetated wetlands, portions of the proposed project are located within this buffer zone.

Bordering Vegetated Wetland

Bordering vegetated wetland is defined under the Act as freshwater wetland which "...border on creeks, rivers, streams, ponds, and lakes." Boundaries of the existing bordering vegetated wetland were delineated by Seekamp Environmental and are shown on the Site Plan of Land prepared by Professional Land Services, L.C. dated April 8, 2002.

The boundaries of bordering vegetated wetlands were delineated in four (4) consecutive alpha-numeric series numbered:

- WF-A1 to WF-A18
- WF-B1 to WF-AB6
- WF-C1 to WF-C16
- WF-D1 to WF-D20

The Act identifies the buffer zone as that jurisdictional area which extends 100 feet from the edge of a wetland boundary. The area of buffer zone that is regulated by the Act and falls within the limits of work is associated with the delineated bordering vegetated wetlands on the west and northeastern sides of the property. Portions of the proposed work are located within this buffer zone (Figure 2).

Riverfront Area – 310 CMR 10.58

Riverfront area is defined under the MA Wetlands Protection Act as "...the area of land between a river's mean annual high-water line and a parallel line measured horizontally." A river is "any natural flowing body of water that empties to any ocean, lake, pond, or other river and which flows throughout the year."

Portions of the Site are located within the 200-foot riverfront area associated with Bachelder Brook, an inland perennial stream, which is located west of the property. Restoration work including debris removal and portions of the bog bridge are located within the 200-foot riverfront area.

Rare and Endangered Species Habitat

The project is not located within, or adjacent to, the boundaries of Priority or Estimated Habitats of Rare Species (Figure 5) as determined by the Massachusetts Natural Heritage and Endangered Species Program (NHESP). Therefore, a review of this application is not required by NHESP and a copy has not been forwarded to them.

FEMA Floodplain

According to the Federal Emergency Management Agency's (FEMA) most recent Flood Insurance Rate Map (FIRM), no portions of the site are within FEMA 100-year floodplain (Figure 6).

Project Elements

The project is comprised of several elements within the jurisdiction of the Rowley Conservation Commission that require preconstruction review and the issuance of an Order of Conditions prior to the commencement of work. The major project components are discussed below.

Debris Removal Plan

The site has been substantially impacted by dumping of miscellaneous debris across a large portion of the Site and a portion of the adjacent parcel located north of the Site known as 510 Newburyport Turnpike (Figure 2). The extent of debris includes areas in the riverfront area and buffer zone to bordering vegetated wetland at the Site. As part of the Restoration Plan for this project we are proposing the removal of all debris on site and the adjacent site to the north prior to the start of construction. Material will be sorted, loaded, and removed to a license recycling facility for disposal.

A dumpster will be temporarily brought to the Site to dispose of the large area of debris. The dumpster will be located on the northwestern portion of the Site at the end of the existing gravel fill area. In order to allow for access to a dumpster, some debris at the Site is proposed to be cut.

Permission to access the adjacent property will be obtained in order to remove the entirety of the debris area.



View of a portion of the area of debris that is proposed to be removed.

Proposed Removal of Wetland Fill

Approximately 180 linear feet of unpermitted fill including crushed rock is currently located within the bordering vegetated wetland on the western portion of the Site. The fill is proposed to be removed from the bordering vegetated wetland and properly disposed of off site or used on site for the installation of the parking area. Following removal of fill within the wetland, the area will immediately be seeded with a native wetland seed mix and hay mulched to stabilize the soil.

Installation of a Gravel Parking Area

Following restoration activities at the Site, a gravel parking area is proposed to be installed on the southern portion of the Site along Wethersfield Street to allow public parking and access to open space. The parking area is proposed to contain four (4) spaces, each 10' x 24' in size for a total parking area approximately 40' x 24' in size.

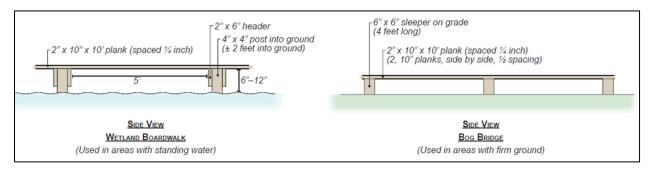
A boulder landscape wall is proposed to be installed along two sides of the parking area to demarcate the boundaries. Boulders existing at the Site will be used for the boundary.

A riprap splash pad is also proposed to be installed between the wetland area and parking area. An existing 12" reinforced concrete pipe (RCP) located below the proposed parking area location is proposed to be extended to reach the proposed riprap splash pad. An additional existing 12" RCP located below the existing wetland fill is proposed to be removed and will be re-used to extend the drain in the new parking area.

Proposed Bog Bridge and Wetland Boardwalk

An approximately 200 linear foot bog bridge and wetland boardwalk is proposed to be installed in the location of the existing wetland fill (Figure 2). The proposed bog bridge and wetland boardwalk will allow public access through the wetland to upland portions of the Site and beyond. This will allow the parcel to be accessed and enjoyed by the public.

The design will be a hybrid of the bog bridge and wetland boardwalk depending on site conditions. A wetland boardwalk is proposed to be located in areas with standing water and will include 4"x4" posts driven into the ground, resulting in a bridge elevated approximately 6-12" above the water. A bog bridge design is proposed to be installed in area with firm ground and will include 10' planks installed side by side on top of sleepers that will be laid on grade.



Stormwater Management

Footpaths and pervious parking areas are not exempt from meeting the Stormwater Management Standards (Volume 1, p. 1-3, MADEP Stormwater Management Policy Handbook).

The proposed construction will not add new impervious area within the riverfront area. We do not

anticipate any adverse impact to the riverfront area as a function of these proposed activities. As there is no increase in the impervious surface proposed as part of this project, we have not completed the Stormwater Management Form. The proposed site conditions will remain functionally the same as the existing site conditions but will improve and restore degraded riverfront area and wetland resource areas. Accordingly, itis our professional opinion that no adverse impact to the riverfront area will be incurred from the construction of the proposed project and no special stormwater management provisions are required, at this time.

An existing reinforced concrete pipe (RCP) is located from Wethersfield Street, located south of the Site, and runs northwest onto the property in the location of the proposed parking area that collects runoff from Wethersfield Street. This pipe is proposed to be extended as part of this project to daylight beyond the proposed parking area where the water will be discharged onto a proposed riprap splash pad and into the wetland area. The riprap splash pad will act as a velocity attenuator and runoff will be infiltrated before reaching the wetland.

Alternatives Analysis

Bachelder Brook is located west of the Site. Accordingly, portions of the 200-foot Riverfront Area associated with Bachelder Brook extend into the northwestern portions of the Site. Portions of the project proposed within the Riverfront Area include debris removal, removal of fill, and the installation of an access boardwalk within the footprint of the existing filled access drive. The project will not result in any new impervious areas in the Riverfront Area and will improve the condition of the area. Accordingly, we suggest that impacts to the buffer zone and riverfront area have been minimized to the extent practicable.

Do Nothing Alternative

The project will not only improve the function and value of the resource areas at the Site, but it will all allow public access to open space. The project has been designed so the proposed access boardwalk will be located completely within previously altered areas. Accordingly, it is our professional opinion that this is the best alternative for the site.

Erosion & Sedimentation Control Plan

Configuration of Siltation Barriers

We do not anticipate the use of hay bales or silt fence during work within the existing roadway as it would increase damage and impact to the wetland for this proposed project. Any exposed soils in that area will be stabilized immediately with native seed mix and salt marsh hay. At no point in time will exposed soils be left exposed at the end of the day for the duration of the project.

Erosion controls are proposed to extend from the new proposed parking area all along the flagged edge of the wetland to flag #D-9 and the edge of the removed crushed stone fill (Figure 2).

Limits of Work

All proposed work will be located within previously altered areas with the exception of the parking area. Erosion control will be installed around the perimeter of the proposed parking area to prevent debris from entering the wetland area and will demarcate the limit of work in that area.

Jurisdiction and Procedural Matters

In addition to the Massachusetts Wetlands Protection Act, the project is subject to the rules and regulations outlined in the Bylaw. The Bylaw enforces a "No Disturbance Zone" that is determined by the Conservation Commission and typically extends between 25 to 50-feet from a resource area. No activities or work, other than non-motorized passage, are permitted within the No Disturbance Zone, and it must remain unchanged from its natural, vegetated state.

Portions of the proposed work are located within the No Disturbance Zone to bordering vegetated wetland. Since the proposed activities intend to clean up and restore the Site to create a more natural, vegetated state. The proposed project will result in an improvement over existing conditions. We request the Commission waive the requirement that no work occur within this area.

Abutter Notification

Abutters within 100-feet of the property line of this parcel (Map 19 Lot 8-16) have been notified in writing via Certified Mail in accordance with the Massachusetts Department of Environmental Protection (MADEP) policy regarding such notice, which is in effect for NOIs filed after April 13, 1994. Proof of this notice and a copy of the letter sent (typical) accompany this filing, as required (Appendix A).

Forms and Fees

The proposed project is a municipal project which qualifies as "Fee Exempt". Accordingly, a copy of the Fee Transmittal Form and the state filing fee have not been sent to the MassDEP lockbox. A single (1) copy of this application has been forwarded to the MADEP/NERO to await the issuance of a file number.

Request for Issuance of an Order of Conditions

The proposed project has been designed to minimize impacts to existing wetland resource areas as defined under the Massachusetts Wetlands Protection Act (MGL CH. 131 Sec. 40, et seq.), as well as the Town of Rowley Wetlands Protection Bylaw. Since the interests of the Act and the Bylaw have been addressed as part of this plan, we request that an Order of Conditions be issued so that the applicant may commence with the construction of the proposed project.

Should you have any questions or would like to arrange a site walk to review the project, please don't hesitate to call us at (978) 948-7717.

Respectfully submitted,

DeRosa Environmental Consulting, Inc.

Abigail Manzi

Environmental Scientist

Abrigal

Michael J. DeRosa, Principal

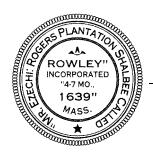
Wetland Ecologist, LSP, LEED AP, PWS

MJD/aem

Cc: MADEP/NERO, Wetlands Division, 205 Lowell Street, Wilmington, MA 01887

Forms

RCC Notice of Intent Permit Filing Checklist Notice of Intent (NOI) WPA Form 3 Wetland Fee Transmittal Form



Town of Rowley

Conservation Commission

Phone: (978) 948-2330 Fax: (978) 948-7196 Conservation@townofrowley.org

NOTICE OF INTENT PERMIT FILING CHECKLIST

Send the following by certified mail, return receipt requested, or hand deliver to: Rowley Conservation Commission, PO Box 24, OR 39 Central Street, Room #4, Rowley MA 01969

☑ Two copies of the Submittal Package appropriately collated including:				
☑ Completed WPA Form 3, 4, & 4A (one set with original signatures)				
☐ Copy of the check made out to the Commonwealth of Massachusetts				
☐ Copy of the check made out to the Town of Rowley				
☑ Section of U.S. Geologic Survey (USGS) quadrangle locating site				
☑ Copy of the Certified Abutters List with parcel map from the Rowley Assessors Office				
☑ Copy of the Abutter Notification letter				
☐ Stamped, signed and dated site plan prepared by professional engineer or land surveyor				
☐ Check made out to the Town of Rowley (may include Bylaw fee amount)				
☐ One copy of Wetland Bylaw Fee Calculation Form				
☑ One copy of NOI Wetland Fee Transmittal Form, pages 1 & 2				
☑ One electronic submission in "PDF" form of all application documents and plans.				
Send the following by certified mail, return receipt requested or hand deliver to: DEP NERO, Wetlands Div. 150 Presidential Way, Woburn, MA 01801				
DEP NERO, Wetlands Div. 150 Presidential Way, Woburn, MA 01801				
DEP NERO, Wetlands Div. 150 Presidential Way, Woburn, MA 01801 ☑ One copy of the Completed Application WPA Form 3, 4, & 4A including:				
☑ One copy of the Completed Application WPA Form 3, 4, & 4A including:				
✓ One copy of the Completed Application WPA Form 3, 4, & 4A including: □ Attached site plan prepared by professional engineer or land surveyor				
 ☑ One copy of the Completed Application WPA Form 3, 4, & 4A including: ☐ Attached site plan prepared by professional engineer or land surveyor ☑ Section of U.S. Geologic Survey (USGS) quadrangle locating site 				
 ✓ One copy of the Completed Application WPA Form 3, 4, & 4A including: ☐ Attached site plan prepared by professional engineer or land surveyor ✓ Section of U.S. Geologic Survey (USGS) quadrangle locating site ☐ Copy of the check made out to the Town of Rowley 				
 ✓ One copy of the Completed Application WPA Form 3, 4, & 4A including: ☐ Attached site plan prepared by professional engineer or land surveyor ✓ Section of U.S. Geologic Survey (USGS) quadrangle locating site ☐ Copy of the check made out to the Town of Rowley ☐ Copy of the check made out to the Commonwealth of Massachusetts 				
 ☑ One copy of the Completed Application WPA Form 3, 4, & 4A including: ☐ Attached site plan prepared by professional engineer or land surveyor ☑ Section of U.S. Geologic Survey (USGS) quadrangle locating site ☐ Copy of the check made out to the Town of Rowley ☐ Copy of the check made out to the Commonwealth of Massachusetts ☑ Copy of the Certified Abutters List with parcel map from the Rowley Assessors Office 				
 ☑ One copy of the Completed Application WPA Form 3, 4, & 4A including: ☐ Attached site plan prepared by professional engineer or land surveyor ☑ Section of U.S. Geologic Survey (USGS) quadrangle locating site ☐ Copy of the check made out to the Town of Rowley ☐ Copy of the check made out to the Commonwealth of Massachusetts ☑ Copy of the Certified Abutters List with parcel map from the Rowley Assessors Office ☑ Copy of the Abutter Notification letter 				
 ☑ One copy of the Completed Application WPA Form 3, 4, & 4A including: ☐ Attached site plan prepared by professional engineer or land surveyor ☑ Section of U.S. Geologic Survey (USGS) quadrangle locating site ☐ Copy of the check made out to the Town of Rowley ☐ Copy of the check made out to the Commonwealth of Massachusetts ☑ Copy of the Certified Abutters List with parcel map from the Rowley Assessors Office ☑ Copy of the Abutter Notification letter ☑ Copy of NOI Wetland Fee Transmittal Form, pages 1 & 2. Send the following by certified mail, return receipt requested to:				

If more than 75 cubic yards of earth will be removed, an Earth Removal Application must be filed with the Board of Selectmen.

Revised 2/22/23



WPA Form 3 – Notice of Intent

A. General Information

a. First Name

c. Organization

d. Street Address

h. Phone Number

4. Representative (if any):

e. City/Town

a. First Name

c. Company

e. City/Town

d. Street Address

h. Phone Number

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

i. Fax Number

i. Fax Number

Provided by MassDEP:				
MassDEP File Number				
Document Transaction Number				
Document Transaction Number				

g. Zip Code

g. Zip Code

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. Street Address		b. City/Town	c. Zip Code
Latitude and Lon	gitude:	d. Latitude	e. Longitude
f. Assessors Map/Pla	t Number	g. Parcel /Lot Number	
Applicant:			
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	

f. State

j. Email address

b. Last Name

b. Last Name

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

a. Total Fee Paid

b. State Fee Paid

c. City/Town Fee Paid

f. State

j. Email address



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				
City/Town				
CHV/TOWN				

A. General Information (continued)

6. General Project Description: 7a. Project Type Checklist: (Limited Project Types see Section A. 7b.) 1. Single Family Home 2. Residential Subdivision 3. Commercial/Industrial Dock/Pier 5. Utilities 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)? If yes, describe which limited project applies to this project. (See 310 CMR 1. | Yes | No 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: a. County b. Certificate # (if registered land) 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

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.



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

Massachusetts Department of Environmental ProtectionBureau 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				
City/Town				

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

Resour	ce Area	Size of Proposed Alteration	Proposed Replacement (if any)		
а. 🗌	Bank	1. linear feet	2. linear feet		
b. 🗌	Bordering Vegetated Wetland	1. square feet	2. square feet		
c. 🗌	Land Under Waterbodies and	1. square feet	2. square feet		
	Waterways	3. cubic yards dredged			
Resour	<u>ce Area</u>	Size of Proposed Alteration	Proposed Replacement (if any)		
d. 🗌	Bordering Land Subject to Flooding	1. square feet	2. square feet		
		3. cubic feet of flood storage lost	4. cubic feet replaced		
e. 🗌	Isolated Land Subject to Flooding	1. square feet	·		
		2. cubic feet of flood storage lost	3. cubic feet replaced		
f. Riverfront Area 1. Name of Waterway (if available) - specify coastal or inland			ify 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	a Total area of Divertrent Area on the site of the managed makes				
3.	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 between 100 ft. and 200 ft.					
5. Has an alternatives analysis been done and is it attached to this NOI?					
6. Was the lot where the activity is proposed created prior to August 1, 1996?					
☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)					

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

3.



WPA Form 3 – Notice of Intent

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

Provided by MassDEP:			
MassDEP File Number	_		
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Document Transaction Number			
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.

4.

5.

Resource Area		Size of Proposed	d Alteration	Proposed Replacement (if any)
a. 🗌	Designated Port Areas	Indicate size under Land Under the Ocean, below		
b. 🗌	Land Under the Ocean	1. square feet		
		2. cubic yards dredg	ed	
c. 🗌	Barrier Beach	Indicate size und	ler Coastal Beacl	hes and/or Coastal Dunes below
d. 🗌	Coastal Beaches	1. square feet		2. cubic yards beach nourishment
e. 🗌	Coastal Dunes	1. square feet		2. cubic yards dune nourishment
		Size of Proposed	d Alteration	Proposed Replacement (if any)
f	Coastal Banks	1. linear feet		
g. 🗀	Rocky Intertidal Shores	1. square feet		
h. 🗌	Salt Marshes	1. square feet		2. sq ft restoration, rehab., creation
i. 🗌	Land Under Salt Ponds	1. square feet		
		2. cubic yards dredge	ed	
j. 📙	Land Containing Shellfish	1. square feet		
k. 🗌	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 dredg	ed	
I. 🗌	Land Subject to Coastal Storm Flowage	1. square feet		
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	e feet of BVW		b. square feet of Sa	It Marsh
☐ Pro	oject Involves Stream Cross	sings		
a. numbe	er of new stream crossings		b. number of replace	ement stream crossings



WPA Form 3 – Notice of Intent Massachusetts Wetlands Protection Act M.G.L. c. 131, 840

Provided by MassDEP:	
MassDEP File Number	er
Document Transaction	n Number
City/Town	

IVI	assachusells Wellands Protection Activi.G.L. C. 131, 940			
	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).			
Str	reamlined 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 <i>Massachusetts Natural Heritage Atlas</i> 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 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 complet 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 filling 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			
	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

Project description (including description of impacts outside of wetland resource area &

tree/vegetation clearing line, and clearly demarcated limits of work **

Photographs representative of the site

(a)

buffer zone)

wpaform3.doc • rev. 12/4/2023 Page 5 of 9

^{*} Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see https://www.mass.gov/maendangered-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.



WPA Form 3 – Notice of Intent

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

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	City/Town			

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-fc		
a-mesa-project-review). Make check payable to "Commonwealth of Massachusetts - NHESP" and mail to NHESP above address Projects altering 10 or more acres of land, also submit:			sachusetts - NHESP" and <i>mail to NHESP</i> at
			mit:
	 (d) Vegetation cover type map of site (e) Project plans showing Priority & Estimated Habitat boundaries (f) OR Check One of the Following 		
	1. 🗌	https://www.mass.gov/service-details/e	MESA exemption applies. (See 321 CMR 10.14, xemptions-from-review-for-projectsactivities-in-nt to NHESP if the project is within estimated 1 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" dete ermit with approved plan.	rmination or valid Conservation & Management
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 the Cape &	e - Bourne to Rhode Island border, and Islands:	North Shore - Plymouth to New Hampshire border:
	Southeast M Attn: Enviro 836 South F New Bedfor	Marine Fisheries - Marine Fisheries Station nmental Reviewer Rodney French Blvd. rd, MA 02744 Fenvreview-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, inclu	ude a copy of the Division of Marine Fishe	eries Certification Letter (M.G.L. c. 130, § 57).

wpaform3.doc • rev. 12/4/2023 Page 6 of 9



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

Massachusetts Department of Environmental ProtectionBureau 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
City/Tayyn
City/Town

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. 🗌 Ye	s 🗌 No		ACEC (see instructions to WPA Form 3 or MassDEP ions). Note: electronic filers click on Website.		
	b. ACEC					
5.				area designated as an Outstanding Resource Water face Water Quality Standards, 314 CMR 4.00?		
	a. 🗌 Ye	s 🗌 No				
6.				Restriction Order under the Inland Wetlands astal Wetlands Restriction Act (M.G.L. c. 130, § 105)?		
	a. 🗌 Ye	s 🗌 No				
7.	Is this pr	oject subject t	o provisions of the MassD	DEP Stormwater Management Standards?		
				eport 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	of the site constitutes rede	evelopment		
	3.	Proprietary	y BMPs are included in th	e Stormwater Management System.		
	b 1	No. Check wh	y the project is exempt:			
	1.	Single-fam	nily house			
	2.	Emergenc	y road repair			
	3. 🗌			than or equal to 4 single-family houses or less than g project) with no discharge to Critical Areas.		
D.	D. Additional Information					
				Limited Project. Skip Section D and complete ent – Minimum Required Documents (310 CMR		
	Applican	ts must includ	e the following with this N	otice of Intent (NOI). See instructions for details.		
			the document transaction ou submit to the Departm	number (provided on your receipt page) for any of the ent.		
		sufficient infor		vith a narrative description, if necessary) containing on Commission and the Department to locate the site.		
		Bordering Veg		d activities (including activities proposed to serve as a plication area or other mitigating measure) relative to e area.		



WPA Form 3 – Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
A DED ET AL
MassDEP File Number
Document Transaction Number
City/Town

Waddaniadka Wakanad Fratedian A	City/Town				
D. Additional Information (cont	d)				
Field Data Form(s), Determination	Identify the method for BVW and other resource area boundary delineations (MassDEP BVV 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 plan Project Elements	s and other materials submitted with this NOI.				
a. Plan Title DeRosa Environmental Consulting, Inc	Michael J. DeRosa				
b. Prepared By March 18, 2024	c. Signed and Stamped by Not to Scale				
d. Final Revision Date	e. Scale				
f. Additional Plan or Document Title	g. Date				
5. If there is more than one property listed on this form.	owner, please attach a list of these property owners not				
6. Attach proof of mailing for Natural	Heritage and Endangered Species Program, if needed.				
7. Attach proof of mailing for Massac	chusetts Division of Marine Fisheries, if needed.				
8. Attach NOI Wetland Fee Transmit	tal Form				
9. Attach Stormwater Report, if need	ed.				
E. Fees					
_					
	assessed for projects of any city, town, county, or district nized Indian tribe housing authority, municipal housing sportation Authority.				
Applicants must submit the following inform Transmittal Form) to confirm fee payment:	mation (in addition to pages 1 and 2 of the NOI Wetland Fee				

3. Check date

5. Check date

7. Payor name on check: Last Name

Page 8 of 9 wpaform3.doc • rev. 12/4/2023

2. Municipal Check Number

6. Payor name on check: First Name

4. State Check Number



WPA Form 3 – Notice of Intent

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

Pro	ovided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	Rowley

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.

Dell Each	3/18/24
Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date 3/18/2024
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.



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. Applican	t Information					
1. Location of F	Location of Project:					
a. Street Addres	s	b. City/Town				
c. Check number	r	d. Fee amount				
2. Applicant Ma	iling Address:					
a. First Name		b. Last Name				
c. Organization						
d. Mailing Addre	ss					
e. City/Town		f. State	g. Zip Code			
h. Phone Numbe	er i. Fax Number	j. Email Address				
B. Property Ow	Property Owner (if different):					
a. First Name		b. Last Name				
c. Organization						
d. Mailing Addre	SS					
e. City/Town		f. State	g. Zip Code			
h. Phone Numbe	er i. Fax Number	i. 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

В.	Fees (continued)						
	Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee			
				_			
		Step 5/To	otal Project Fee				
		Step 6/	Fee Payments:				
		Total	Project Fee:	a. Total Fee from Step 5			
		State share	of filing Fee:	b. 1/2 Total Fee less \$ 12.50			
		City/Town share	of filling Fee:	c. 1/2 Total Fee plus \$12.50			

C. Submittal Requirements

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

Department of Environmental Protection Box 4062 Boston, MA 02211

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

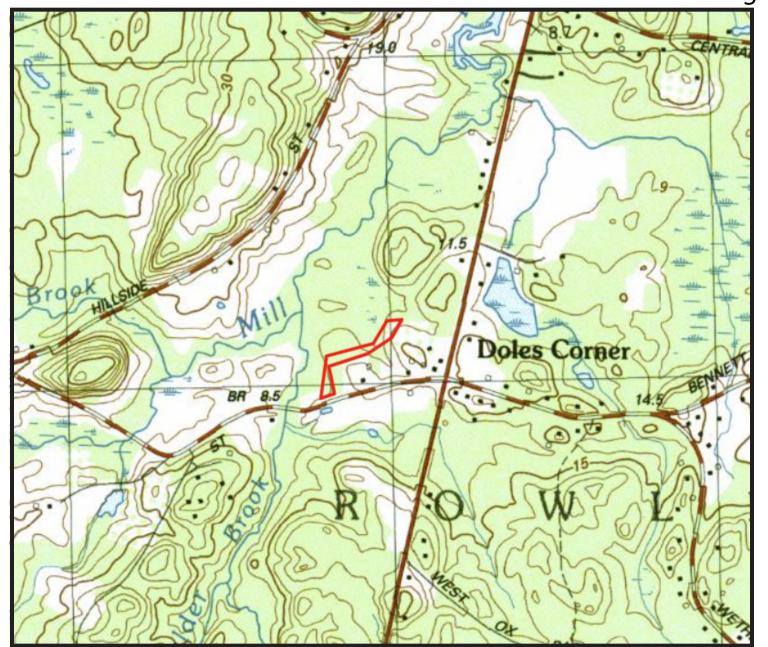
To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Figures

- Figure 1. Topographic Map
- Figure 2. Project Elements Plan, by DeRosa Environmental
- Figure 3. Aerial Imagery
- Figure 4. MADEP Wetlands Map
- Figure 5. NHESP Estimated and Priority Habitats of Rare Species
- Figure 6. FEMA FIRMette Map

347 Wethersfield Street | Rowley, MA

Figure 1. Topographic Map

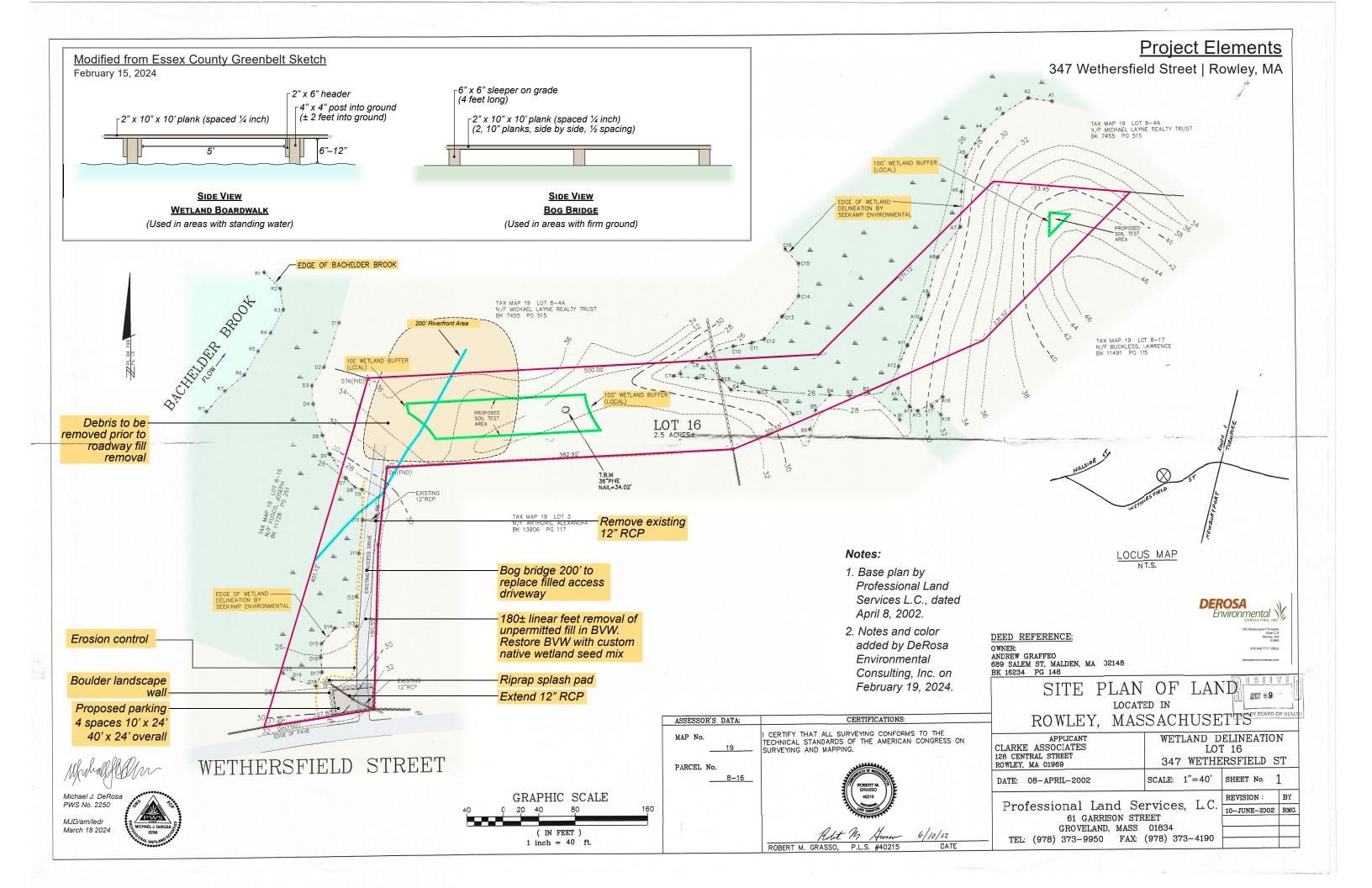


MassMapper USGS Topographic Quadrangle Maps



150 Newburyport Turnpike Suite C-9 Rowley, MA

978.948.7717 Office



347 Wethersfield Street | Rowley, MA



Figure 3. Aerial Photograph

MassMapper 2021 Aerial Imagery



150 Newburyport Turnpike Suite C-9 Rowley, MA 01969

978.948.7717 Off

347 Wethersfield Street | Rowley, MA

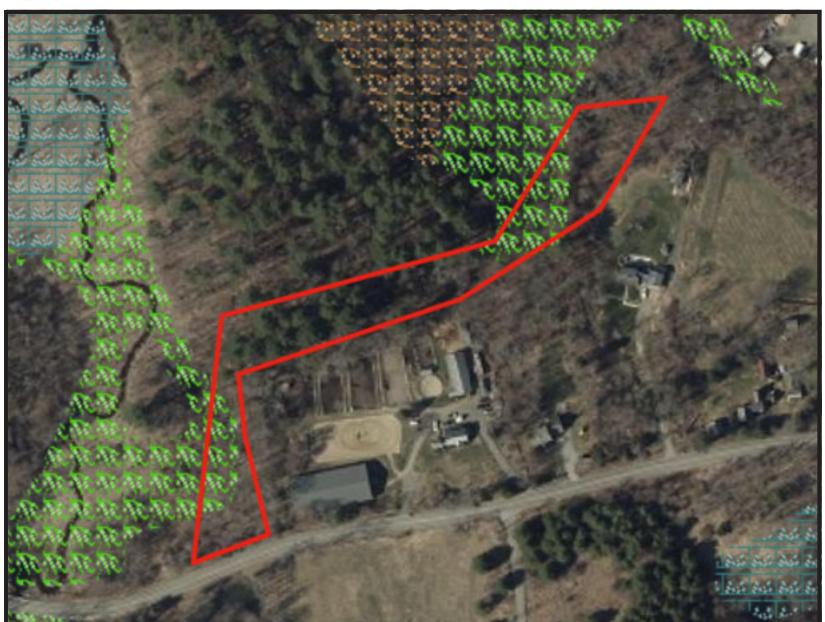


Figure 4. Wetlands Map

DEP Wetlands Detailed

- Barrier Beach System
- Barrier Beach-Deep Marsh
- Rarrier Beach-Wooded Swamp Mixed Trees
- Barrier Beach-Coastal Beach
- · Barrier Beach-Coastal Dune
- · Barrier Beach-Marsh
- . Barrier Beach-Salt Marsh
- Barrier Beach-Shrub Swamp
- . · Barrier Beach-Wooded Swamp Coniferous
- Barrier Beach-Wooded Swamp Deciduous
- Bog
- Coastal Bank Bluff or Sea Cliff
- 🇱 Coastal Beach
- 🂢 Coastal Dune
- M Cranberry Bog
- Deep Marsh
- Barrier Beach-Open Water
- Open Water
- Rocky Intertidal Shore
- . Salt Marsh
- Shallow Marsh Meadow or Fen
- M Shrub Swamp
- Tidal Flat
- 級 Wooded Swamp Coniferous
- Wooded Swamp Deciduous
- Wooded Swamp Mixed Trees



Newburyport Turnpike Suite C-9 Rowley, MA 01969

978.948.7717 Office

347 Wethersfield Street | Rowley, MA

Figure 5. NHESP Map



- ☑ 章 Areas of Critical Environmental Concern ACECs
- ☑ 盲 註 Potential Vernal Pools
- ☑ 🗇 📬 NHESP Priority Habitats of Rare Species
- ☑ ☐ 詳 NHESP Estimated Habitats of Rare Wildlife
- ☑ 盲 註 NHESP Certified Vernal Pools



50 Newburyport Turnpik Suite C-Rowley, M 0196:

978.948.7717 Offi

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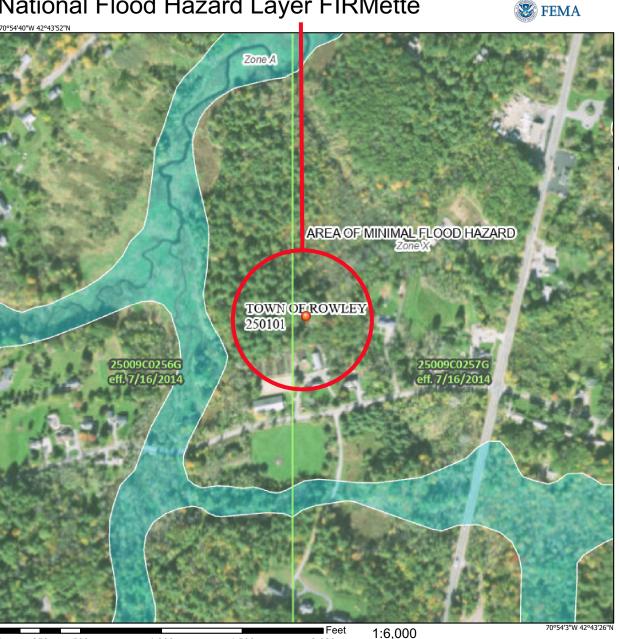
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347 Wethersfield Street | Rowley, MA

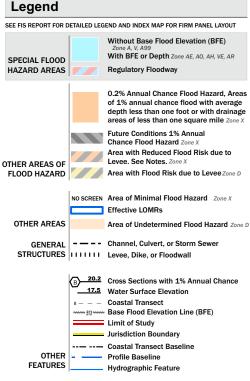
National Flood Hazard Layer FIRMette



2.000

Basemap Imagery Source: USGS National Map 2023

Figure 6. FIRMette Map



point selected by the user and does not represent an authoritative property location.

The pin displayed on the map is an approximate

Digital Data Available No Digital Data Availab

Unmapped

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap

MAP PANELS

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/28/2024 at 1:11 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following elements do not appear: basemap imagery, flood zone lab legend, scale bar, map creation date, community identifier FIRM panel number, and FIRM effective date. Map images unmapped and unmodernized areas cannot be used for regulatory purposes.



Appendix A

Abutters List

Assessor's Map

Abutter Notification Letter

Date: 03/07/2024

Town of Rowley

txaabut

CERTIFIED ABUTTERS' LIST

Page 1

Parcel ID		Location	Owner Name/Address
019-008-16	347		TOWN OF ROWLEY TAX TAKING PO BOX 347 ROWLEY, MA 01969
		ABUTTERS	
		==========	
018-005-19-3	332	WETHERSFIELD ST	ARTHURS ALEXANDRA 331 WETHERSFIELD ST ROWLEY, MA 01969
018-005-20-2	336	WETHERSFIELD ST	ARTHURS ALEXANDRA 331 WETHERSFIELD ST ROWLEY, MA 01969
018-005-22-4	340	WETHERSFIELD ST	TOWN OF ROWLEY CONSERVATION COMMISSION PO BOX 24 ROWLEY, MA 01969
019-003	331	WETHERSFIELD ST	ARTHURS ALEXANDRA 331 WETHERSFIELD ST ROWLEY, MA 01969
019-007	502	NEWBURYPORT TNPK	CIDER MILL HOLDINGS LLC 41 RAILROAD AVE ROWLEY, MA 01969
019-008-01-A	504	NEWBURYPORT TNPK	BELL VERNON J III PO BOX 93 ROWLEY, MA 01969
019-008-04-A	510	NEWBURYPORT TNPK	FALCON RIDGE ASSOCIATES LLC 357 NORTH ST GEORGETOWN, MA 01833
019-008-15	351	WETHERSFIELD ST	TOWN OF ROWLEY CONSERVATION COMMISSION PO BOX 24 ROWLEY, MA 01969
019-008-17	325	WETHERSFIELD ST	BARAIOLO DOMINIC BARAIOLO JENNIFER 325 WETHERSFIELD ST ROWLEY, MA 01969
019-008-18	321	WETHERSFIELD ST	TRS SULLIVAN 2019 TRUST SULLIVAN NEIL F ET AL TRUSTEES 321 WETHERSFIELD ST ROWLEY, MA 01969

Date: 03/07/2024

Town of Rowley

txaabut

CERTIFIED ABUTTERS' LIST

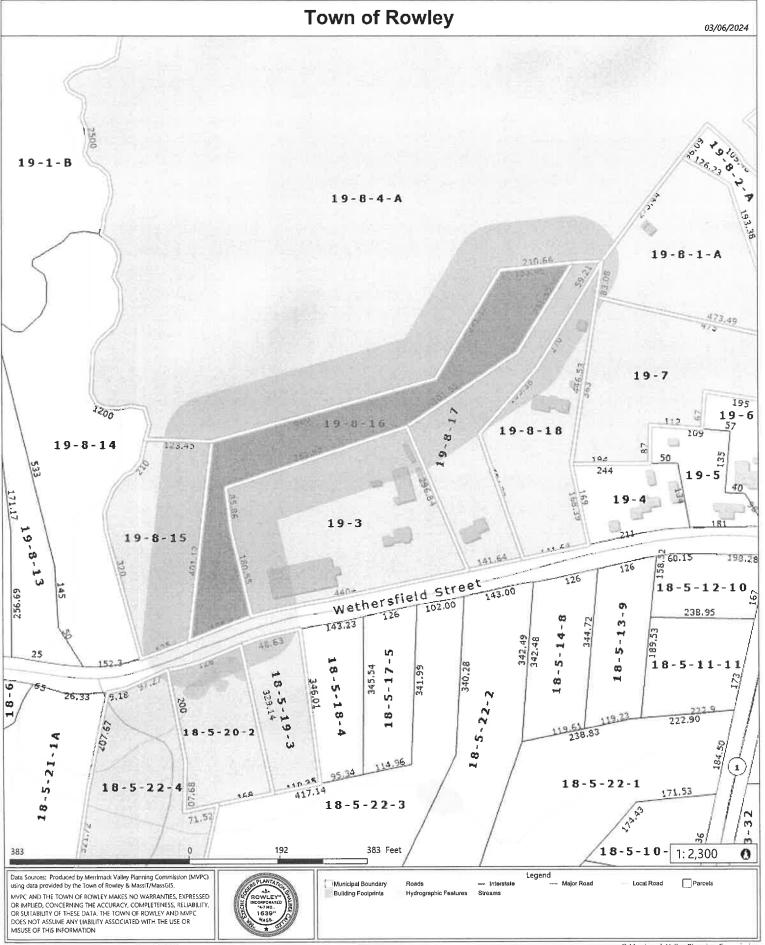
Page 2

Parcel ID Owner Name/Address Location 019-008-16 347 WETHERSFIELD ST TOWN OF ROWLEY TAX TAKING PO BOX 347 ROWLEY, MA 01969

> ABUTTERS ==========

10 parcels listed

Scall M tadder Principal assessor



Notification to Abutters

By Hand Delivery, Certified Mail (return receipt requested), or Certificate of Mailing

This is a notification required by law. You are receiving this notification because you have been identified as the owner of land abutting another parcel of land for which certain activities are proposed. Those activities require a permit under the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40) and/or the Town of Rowley Wetlands Protection Bylaw.

In accordance with the second paragraph of the Massachusetts Wetlands Protection Act, and 310 CMR 10.05(4)(a) of the Wetlands Regulations as well as the Town of Rowley Wetlands Protection Bylaw, you are hereby notified that:

A. A Notice of Intent was filed with the Rowley Conservation Commission on 3/18/2024 seeking permission to remove, fill, dredge, or alter an area subject to protection under M.G.L. c. 131 §40 and/or the Town of Rowley Wetlands Protection Bylaw. The following is a description of the proposed activity/activities:

	_
Proposed restoration of a wetland area and construction of a walkway and parking area.	

- B. The name of the applicant is: The Town of Rowley.
- C. The address of the land where the activity is proposed is: 347 Wethersfield Street, Map 19, Lot 8-16.
- D. Copies of the Notice of Intent may be examined or obtained at the office of the Rowley Conservation Commission located at 39 Central Street, Rowley. The regular office hours of the Commission are Monday-Thursday from 9 AM to 12:30 PM and the Commission may be reached at 978-948-2330.
- E. Copies of the Notice of Intent may be obtained from the applicant or their representative by calling the representative, DeRosa Environmental Consulting, at 978-948-7717. An administrative fee may be applied for providing copies of the NOI and plans.
- F. Information regarding the date, time, and location of the public hearing regarding the may be obtained from the Rowley Conservation Commission. Notice of the public hearing will be published at least five business days in advance in a paper of general circulation and on the Town's website at www.townofrowley.net.

Notification provided pursuant to the above requirement does not automatically confer standing to the recipient to request Departmental Action for the underlying matter. See 310 CMR 10.05(7)(a)4.

Appendix B

Professional Qualifications

Abigail Manzi Michael J. DeRosa





REPRESENTATIVE PROJECTS

Private Residence | Dune Grass Restoration Manchester, MA

Commercial Property | Wetland Restoration Rowley, MA

Willowdale State Forest | Culvert Repair Ipswich, MA

Saint Joseph's School | Well Monitoring Salem, MA

Private Residence | Reconstruction of a Single Family Home Ipswich, MA

Ipswich River Watershed Association | River Culvert Survey North Shore, MA

Invasive Plant Management | Restoration Project Ipswich, MA

Sally's Pond | Trail Restoration Grant Ipswich, MA

Abigail Manzi, BA

Environmental Scientist

Abby graduated with a bachelor's degree in Environmental Studies and Biology from Guilford College in Greensboro, North Carolina. Her studies focused on sustainable practices and ecology with courses including Sustainable Business, Animal Behavior, Rainforest Ecology and Environmental Policy.

Abby joined DeRosa Environmental Consulting in the fall of 2015. She is currently working at DeRosa Environmental as an Environmental Scientist.

While in college Abby spent a semester abroad in the rainforest in Australia studying Rainforest Ecology, Forestry Management and Socioeconomics. She also spent a month of her time there researching Lumholtz's Tree Kangaroos.

Prior to working at DeRosa Environmental Abby traveled to Hawaii to work on farms and learn about organic farming practices through World Wide Opportunities on Organic Farms (WWOOF).

Abby grew up with a love for the wildlife and nature taking trips every spring out to the vernal pools with her mom to check out the amphibians and camping every summer. She loves anything outdoors including hiking, diving, snowboarding and swimming. She travels as much as possible, especially to new places with animals she has never seen.

EDUCATION

BA, Biology and Environmental Studies | 2014 Guilford College, Greensboro, NC

PROFESSIONAL EXPERIENCE

Environmental Scientist | 2015 – Present DeRosa Environmental Consulting Inc Intern | Summer 2013 Ipswich River Watershed Association

Student Researcher | August-December 2012 Center for Rainforest Studies, Queensland. Australia

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

AMWS | Association of Massachusetts Wetland Scientists

CERTIFICATION

40 Hour Hazardous Waste Site Worker (OSHA)

PADI Open Water Diver | 2015

Adult First Aid/CPR/AED | Exp. 8/7/2020

LICENSE

Unmanned Aircraft License | FAA | Exp. 2/19/2021



REPRESENTATIVE PROJECTS

Ipswich River Watershed Association Ipswich MA

Miles River Task Force | Watershed Restoration Beverly Wenham Hamilton Ipswich MA

Paumier Residence | Dune Restoration Manchester MA

Matignon High School Athletic Fields | Landfill Cap Remediation Cambridge/Somerville MA

Turner Hill Golf Course | Wetland Mitigation & Pond Design Ipswich MA

Saint Aidan's Church | UST Remediation Brookline MA

Saint Kevin's School | AST Remediation Dorchester MA

Saint Joseph's School | UST Remediation Salem MA

Ipswich Country Club | Wetland Restoration Ipswich MA

Ould Newbury Golf Club | LID Runoff Design Newbury MA

Ferncroft Country Club | Pond Restoration Topsfield/Middleton MA



Michael J. DeRosa

Principal, LSP, LEED AP BC&D

Michael J. DeRosa, Principal and project manager specializing in habitat restoration and wetland restoration projects. He has more than 24 years experience working with ecological systems focused on restoration and rehabilitation of damaged landscapes. Ecological principles inform his design and restoration practices.

Mike was the principal wetland permitting leader for the Turner Hill Resort Center in Ipswich Massachusetts. He has consulted with the Archdiocese of Boston since 1989 in all environmental areas. His firm is known for their expertise in wetland and wildlife habitat restoration and rehabilitation and invasive species control and management.

Mike incorporated DeRosa Environmental Consulting, Inc., in May 1994 after spending 8 years working in the environmental consulting industry as technical director and project manager. Prior to his consulting career he was a researcher at the Harvard School of Tropical Public Health working with infectious diseases and tick transmitted Lyme disease, in particular.

Mike has been involved with many projects associated with MGL Ch. 21e and Massachusetts Contingency Plan (MCP) projects. He received his Licensed Site Professional (LSP Lic. 3452) registration in 1993. Mike is uniquely credentialed in hazardous waste site assessment and remediation and has over 24 years experience in wetland permitting, habitat restoration and mitigation. Mike has permitted projects with all federal, state and local environmental agencies. Mike is on the Practice Faculty at The Boston Architectural College. His new passion is the incorporation of urban agriculture and food justice initiatives in mixed use community based projects.

EDUCATION

MA, Boston University, 1993 North Carolina State University, 1986 Harvard University, 1985 BA, University of Denver, 1982

PROFESSIONAL EXPERIENCES

Principal, LSP, LEED AP BC&D

DeRosa Environmental Consulting, Inc. | 1994-Present

Technical director, Environmental Engineering Division

Web Engineering Associates, Inc. | 1990-1994

Project manager/Environmental Scientist,

Dennison Environmental, Inc. | 1988-1989

Population Ecologist & Wetlands Specialist,

Lelito Environmental Consultants, LLC | 1987-1988

Research Assistant,

North Caroline State University | 1985-1987

Air Pollution Analyst

Entropy Environmentalists, Inc. | 1985-1987

Senior Research Assistant

Harvard University | 1983-1985

Naturalist

The Trustees of Reservations | 1983-1985

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

New England Wildflower Society

USGBC | United States Green Building Council

NGWA | National Ground Water Association

AMWS | Association of Massachusetts Wetland Scientists

LSPA | Licensed Site Professional Association

SWS | Society of Wetland Scientists

MACC | Massachusetts Association of Conversation Commissioners

CERTIFICATIONS AND SPECIAL TRAINING

Licensed Site Professional (LSP), Lic. No. 3452

Professional Wetland Scientist (PWS)

LEED Accredited Professional | 10342989

Certified Ecologist, The Ecological Society of America |

June 2002 - May 2007

CERCLA 40 Hour Hazardous Materials Safety Training |

OSHA 29 CFR 1910.120

Confined Space Entry Training | OSHA 29 CFR 1910.146

Management Training Workshop | Dun and Bradstreet

Hazardous Materials Chemistry Seminar | University of Toledo

Unmanned Aircraft License | FAA | Exp. 2/28/2019