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Surveyors | Engineers | Scientists

27003

January 15, 2024

Rowley Conservation Commission
Attention: Brent Baeslack
Rowley Town Hall
139 Main Street
Rowley, MA 01969

**RE: Request for Determination of Applicability (RDA)
62 Forest Ridge Drive Rowley, Massachusetts**

Dear Conservation Committee Members,

On behalf of Rowley LJD LLC (“Applicant”), Hancock Associates hereby submits this Request for Determination of Applicability (“RDA”) to permit the associated construction to alter an existing bituminous driveway.

Work is proposed within jurisdictional buffer zones and local setback zones designated under the Massachusetts Wetlands Protection Act (“WPA”) Regulations and the Rowley Wetlands Protection Bylaw.

The project has been designed to avoid and minimize potential risk of adverse impact to wetlands to the maximum extent practicable. As such, we respectfully request that the Conservation Commission consider issuance a negative determination under the state Wetland Protection Act (M.G.L. Chapter 131 § 40) and under the Rowley Wetlands Protection Bylaw to permit the scope of work described herein.

Existing Conditions and Wetland Resource Areas

The subject property is located at 62 Forest Ridge Drive (Map 7, Parcel 10, Lot 5) identified on the Rowley Assessors Map. In existing condition, the driveway area is paved and meets at an intersection with Forest Ridge Drive. According to the historic aerial imagery the area was developed sometime between 2005 and 2008.

Prior to performing a field wetland delineation, an environmental constraints desktop assessment of the subject property was performed through review of MassMapper data layers, USGS 7.5-minute quadrangles maps, NRCS soils maps, aerial photography, and Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs).

Based on this review, it was determined that there are no environmental sensitive resource areas such as NHESP mapped Estimated or Priority Rare Species Habitats, NHESP mapped Certified or Potential Vernal Pools, Areas of Critical Environmental Concern (ACEC), or Outstanding Resource Waters (ORWs) on the property.

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According to the USGS, there is a mapped unnamed stream within 100-feet of the proposed work on the subject property.

According to FEMA Flood Insurance Rate Map 25009C0258F (effective 07/03/2012), there are no special flood hazard areas on the sites (see Attachment B-Figures).

The resource area impacting activities on site are the following:

- Bordering Vegetated Wetlands (“BVW”) and the associated 100-foot buffer zone, 50-foot no build zone (NBZ), and 25-foot no disturb zone (NDZ).
- Isolated Vegetated Wetlands (“IVW”) and the associated 100-foot buffer zone, 50-foot no build zone (NBZ), and 25-foot no disturb zone (NDZ) under the local wetlands protection bylaw.
- Inland bank to an unmapped intermittent stream and the associated 100-foot buffer zone, 50-foot no build zone (NBZ), and 25-foot no disturb zone (NDZ).

Resource Area Delineation

BVW, IVW and the existing intermittent stream Bank were field delineated by a Professional Wetland Scientist (PWS®) and a staff scientist on November 7, 2023. BVW was delineated with two (2) series labeled as “Wetland A” and “Wetland B”.

The BVW resource area associated with “Wetland A” is an unmapped wetland that is located to the east of the area of proposed work. The limit of this wetland was demarcated with nineteen (19) wetland flags labeled WFA (100 through 118) that begins on the north side of the culvert that runs underneath Forest Ridge Drive. Within the BVW were dominant wetland indicator plants such as soft rush (*Juncus effusus*, OBL), common winterberry (*Ilex verticillata*, FACW), cinnamon fern (*Osmundastrum cinnamomeum*, FACW), highbush blueberry (*Vaccinium corymbosum*, FACW), glossy buckthorn (*Frangula alnus*, FAC), and slippery elm (*Ulmus rubra*, FAC). Observed hydrologic indicators included flowing water within the intermittent stream system, standing water, saturated hydric soils, shallow roots, pit and mound topography, and buttressing roots. A ponded area was observed at the end of bank series within this wetland that is also connected to the existing intermittent stream bank series.

The second BVW resource area that is associated with “Wetland B” is an unmapped wetland that is located to the southeast of the area of proposed work. The limit of this wetland was demarcated with three (3) wetland flags labeled WFB (100 through 102) that began on the southern side of the culvert that runs underneath Forest Ridge Drive. Within this BVW were dominant wetland indicator plants such as highbush blueberry (*Vaccinium corymbosum*, FACW), American hornbeam (*Carpinus caroliniana*, FAC), glossy buckthorn (*Frangula alnus*, FAC), and poison ivy (*Toxicodendron radicans*, FAC).

The limit associated with the unmapped IVW which was demarcated with one (1) series of fourteen (14) connected flags labeled IVW (100 through 113), which is located to the west of the area of proposed work. According to the Rowley Wetlands Protection Bylaw, there is no size criteria for this resource area therefore it is jurisdictional under these bylaws. This hydric wet meadow has been currently treated as a

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lawn space and actively being mowed. Uphill bounds were dominated by upland species such as eastern white pines (*Pinus strobus*, FACU). Within the area currently being treated as manicured lawn, species such as soft rush (*Juncus effusus*, OBL), Purple loosestrife (*Lythrum salicaria*, OBL), grass leaf rush (*Juncus marginatus*, FACW), and calico aster (*Symphyotrichum lateriflorum*, FAC) were observed in a trimmed state. Along the edge of the meadow, wetland indicator species such as common winterberry (*Ilex verticillata*, FACW), sensitive fern (*Onoclea sensibilis*, FACW), pussy willow (*Salix discolor*, FACW), poison ivy (*Toxicodendron radicans*, FAC), small bayberry (*Morella caroliniensis*, FAC), and rough stem goldenrod (*Solidago rugosa*, FAC) were found to be dominant. Pockets of standing water were observed where existing tire tracks were located. Hydric soils were observed within this resource area.

According to the NRCS Web Soil Survey, soils within the subject lot are mapped as 255A—Windsor loamy sand, 307E—Paxton fine sandy loam, and 253B—Hinckley loamy sand. Minor components include Deerfield, Hinckley, Charlton, Chatfield, Woodbridge, Windsor, Sudbury, and Agawam. As previously mentioned, soils observed within the described wetland areas were found to be hydric.

Buffer Zones and Setback Zones

Buffer Zone is defined in 310 CRM 10.04 as *“that area of land extending 100 feet horizontally outward from the boundary of any area specified in 310 CMR 10.02(1)(a).”*

Under both the MA WPA and the Rowley Bylaw, the wetland resource area BVW has a buffer zone extending 100 horizontal feet from the resource area’s jurisdictional line. In addition to the state jurisdictional buffer zones under the MA WPA, the Rowley Bylaw also requires a 50 ft NBZ and a 25 ft NDZ to the BVW. The IVW identified on the subject property is not jurisdictional under MA WPA, but it is jurisdictional under the Rowley Bylaw and therefore has a 100 ft buffer zone as well as a 50 ft NBZ and 25 ft NDZ.

Proposed Work

There will be ±2,501 SF of impervious area within buffer zone to the BVW. The proposed work includes the installation of bituminous pavement and a cape cod curb. Five (5) trees on the edge of the proposed work will be protected during the time of construction. Runoff from the proposed paved area will drain to existing catch basins, which route to an existing, large infiltration basin, which is sized for the full development potential of the site (current and future). This small addition of pavement will have close to no effect on the capacity.

To protect the sensitive wetland resource areas, staked compost mulch socks will be installed at the limit of work as approved by the Commission and detailed on the Permit Site Plan (Attachment G) prior to construction. The proposed plan will minimize the exposure of areas during the construction to abate erosion onto any jurisdictional resource areas surrounding the project site. Four (4) silt sacks will be installed in the catch basin prior to construction. In addition, all disturbed areas will be stabilized following completion of construction. Straw wattles and crushed stone will be stockpiled on site prior to construction to supplement or repair on site erosion control devices throughout the process. If intense rainfall is

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anticipated, the installation of supplemental straw bale dikes, silt fences, or armored dikes will be implemented if necessary. Erosion control measures will be inspected daily during construction and amended as necessary. Sediment build-up behind silt fences will be removed when the level reaches one half of the wattle height and disposed according to applicable regulations. Catch basin silt sacks will be inspected weekly and will be removed and cleaned if sediment is found to be within six (6) inches of the bottom of the grate. Landscaping, loam, and seed will be installed after the final grading and paving are completed. Landscaping will take place to provide permanent stabilization of disturbed surfaces. The removal of the erosion control and silt sacks will take place once the site is determined to be fully stabilized.

Bordering Vegetated Wetland (CMR 310 10.55)

In accordance with the MA WPA implementing regulations 310 CMR 10.55(2)(a), Bordering Vegetated Wetland is defined as, *“freshwater wetlands which border on creeks, rivers, streams, ponds and lakes. The types of freshwater wetlands are wet meadows, marshes, swamps and bogs. Bordering Vegetated Wetlands are areas where the soils are saturated and/or inundated such that they support a predominance of wetland indicator plants”*. The limit of BVW is further defined as, *“the line within which 50% or more of the vegetational community consists of wetland indicator plants and saturated or inundated conditions exist. Wetland indicator plants shall include but not necessarily be limited to those plant species identified in the Act. Wetland indicator plants are also those classified in the indicator categories of Facultative, Facultative+, Facultative Wetland-, Facultative Wetland, Facultative Wetland+, or Obligate Wetland in the National List of Plant Species That Occur in Wetlands: Massachusetts (Fish & Wildlife Service, U.S. Department of the Interior, 1988) or plants exhibiting physiological or morphological adaptations to life in saturated or inundated conditions”*. There is no proposed impact to BVW associated with the Project, however there will be ±2,501 SF of impervious area within buffer zone to the BVW.

Inland Bank Area to unnamed USGS-mapped stream (CMR 310 10.54)

According to 310 CMR 10.54(2)(a), *“a Bank is the portion of the land surface which normally abuts and confines a water body. It occurs between a water body and a vegetated bordering wetland and adjacent flood plain, or, in the absence of these, it occurs between a water body and an upland.”* There are no buffer zones associated with the bank that project onto the proposed work site.

The bank associated with the unnamed stream was field delineated as it would broadcast associated buffer zone onto the property. The delineation was based on observations of field indicators and described as BA 100-series herein.

BA 100 series

The BA 100-series runs along the bank of an unnamed mapped USGS stream located to the east of the A-series wetland and the B-series wetland. This stream flows under Forest Ridge Drive through a culvert. The limit of the bank associated with the perennial stream at this location was demarcated with a series of twenty-eight (28) flags labeled BA 92 through 119.

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Conclusion

All jurisdictional wetland resource areas under the Massachusetts Wetlands Protection Act have been identified and field delineated within 100-feet of the subject property. All proposed work has been designed to minimize and mitigate the impacts to the resource areas and buffer zones. The work is designed to meet or exceed Performance Standards in accordance with the Massachusetts WPA Regulations (310 CMR 10.00) and the Rowley Wetlands Protection Bylaw. As described herein, we believe that the scope of work proposed has been designed to meet the performance standards for work within buffer zone. With standard Best Management Practices (BMPs) for erosion and sediment control during construction, we believe that the project will not result in any adverse impacts to the wetland resource areas. As such, we respectfully request that the Commission consider the issuance of a negative determination permit to allow the scope of the work described herein.

Regards,
Hancock Associates on behalf of Rowley LJD LLC



Devon Morse, PWS
Project Manager / Wetland Scientist

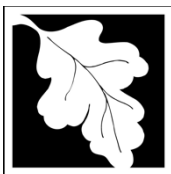


cc: **MassDEP (EDEP)**

Attachments:

- A – WPA Form 1 (copy of eDEP)
- B – Figures
- C – Abutter Notification
- D – Rowley Application Materials
- E – Filing Fee
- F – Site Photographs
- G – Permit Site Plan prepared by Hancock Associates

Attachment A WPA Form 1



Massachusetts Department of Environmental Protection
 Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability

Rowley
 Municipality

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

A. General Information

Important:

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



1. Applicant:
 Rowley LJD LLC
 First Name _____ Last Name _____
 41 Popes Lane
 Address _____
 Danvers MA 01923
 City/Town _____ State _____ Zip Code _____
 978-750-9900
 Phone Number _____ Email Address _____

2. Property Owner (if different from Applicant):

 First Name _____ Last Name _____

 Address _____

 City/Town _____ State _____ Zip Code _____

 Phone Number _____ Email Address (if known) _____

3. Representative (if any)

 First Name _____ Last Name _____
 Hancock Associates
 Company Name _____
 185 Centre Street
 Address _____
 Danvers MA 01923
 City/Town _____ State _____ Zip Code _____
 978-777-3050
 Phone Number _____ dmorse@hancockassociates.com
 Email Address (if known) _____

B. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):
 62 Forest Ridge Drive Rowley
 Street Address _____ City/Town _____
 42.69844 -70.91836
 Latitude (Decimal Degrees Format with 5 digits after decimal e.g. XX.XXXXX) _____ Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX) _____
 Map 7 Parcel 10, Lot 5
 Assessors' Map Number _____ Assessors' Lot/Parcel Number _____

[How to find Latitude and Longitude](#)

[and how to convert to decimal degrees](#)

b. Area Description (use additional paper, if necessary):
 Site contains BVW, Inland Bank (Intermittent Stream), and IVW that project buffer zones onto the work area.

c. Plan and/or Map Reference(s): (use additional paper if necessary)
 Permit Site Plan prepared by Hancock Associates 1/15/2024
 Title _____ Date _____
 Title _____ Date _____



B. Project Description (cont.)

2. a. Activity/Work Description (use additional paper and/or provide plan(s) of Activity, if necessary):

In request to permit the construction to alter an existing bituminous driveway within jurisdictional buffer zones and local setbacks under the MA WPA and the Town of Rowley Wetlands Protection Bylaw.

- b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

The proposed work is associated with one (1) minor activity under 310 10.02 within buffer zone to Isolated Vegetated Wetlands ("IVW"), which are not protected under the Act and the outer 100-foot buffer zone to Bordering Vegetated Wetlands ("BVW").

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

- b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability Rowley

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

Municipality

C. Determinations

1. I request the Rowley Conservation Commission make the following determination(s). Check any that apply:

- a. whether the area depicted on plan(s) and/or map(s) referenced above is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the boundaries of resource area(s) depicted on plan(s) and/or map(s) referenced above are accurately delineated.
- c. whether the Activities depicted on plan(s) referenced above is subject to the Wetlands Protection Act and its regulations.
- d. whether the area and/or Activities depicted on plan(s) referenced above is subject to the jurisdiction of any municipal wetlands' ordinance or bylaw of:

Rowley

Name of Municipality

- e. whether the following scope of alternatives is adequate for Activities in the Riverfront Area as depicted on referenced plan(s).

D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

[Signature]
Signature of Applicant

11/21/24
Date

[Signature]
Signature of Representative (if any)

01/15/2024
Date

Attachment B Figures

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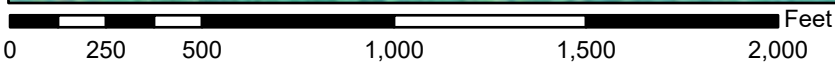
Locus Map: 62 Forest Ridge Drive, Rowley



National Flood Hazard Layer FIRMMette



70°55'25"W 42°42'9"N



1:6,000

70°54'47"W 42°41'42"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

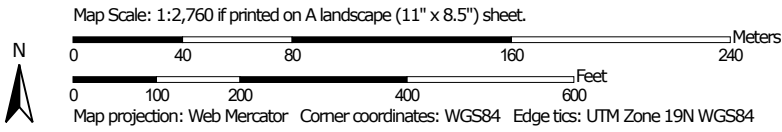
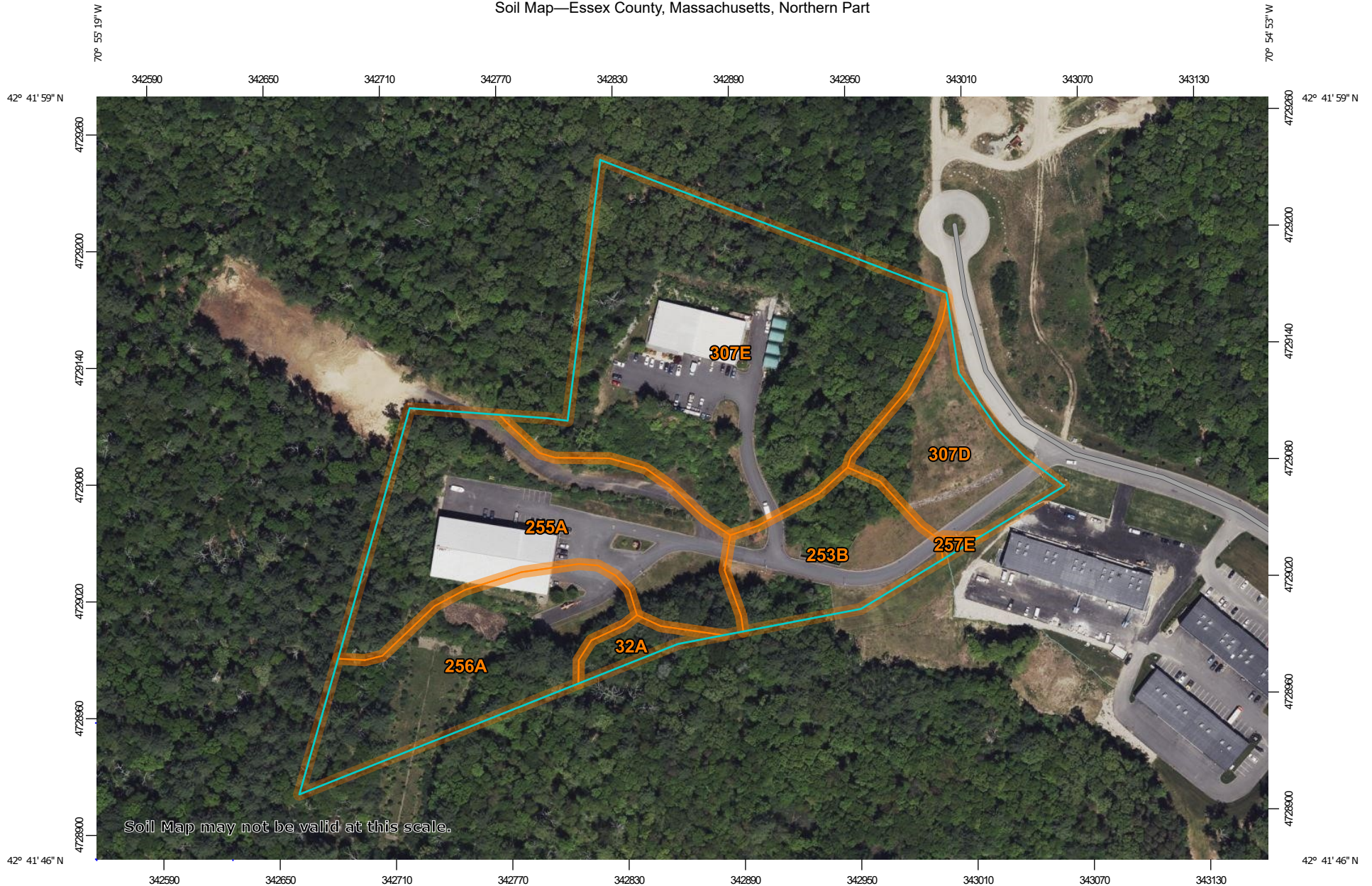


This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/6/2023 at 2:06 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 map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Soil Map—Essex County, Massachusetts, Northern Part



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Essex County, Massachusetts, Northern Part
 Survey Area Data: Version 19, Sep 10, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 22, 2022—Jun 5, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
32A	Wareham loamy sand, 0 to 3 percent slopes	0.2	1.6%
253B	Hinckley loamy sand, 3 to 8 percent slopes	1.4	9.5%
255A	Windsor loamy sand, 0 to 3 percent slopes	3.6	23.8%
256A	Deerfield loamy fine sand, 0 to 3 percent slopes	2.4	15.8%
257E	Hinckley and Windsor soils, 25 to 35 percent slopes	0.0	0.2%
307D	Paxton fine sandy loam, 15 to 25 percent slopes, extremely stony	1.4	9.3%
307E	Paxton fine sandy loam, 25 to 35 percent slopes, extremely stony	6.0	39.9%
Totals for Area of Interest		15.0	100.0%

Attachment C Abutter Notification

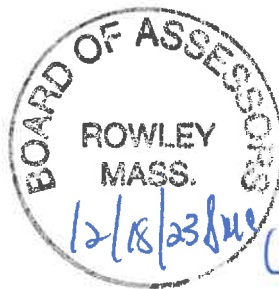
CERTIFIED ABUTTERS' LIST

Parcel ID	Location	Owner Name/Address
007-010-05-B	62 FOREST RIDGE DR 4B	JACKIE B PROPERTIES LLC S/O ROWLEY LID LLC 41 POPES LN DANVERS, MA 01923

A B U T T E R S

007-009	12-40 FOREST RIDGE DR	TRS GATEWAY II TRUST OF 1997 COUGHLIN JOHN E ET AL TRUSTEES 239 WESTERN AVE ESSEX, MA 01929
007-010-05-1	70 FOREST RIDGE DR	TRS GATEWAY II TRUST OF 1997 COUGHLIN JOHN E ET AL TRUSTEES 239 WESTERN AVE ESSEX, MA 01929
007-010-05-A	58 FOREST RIDGE DR 4A	RLD PROPERTIES LLC C/O CAPCO CRANE & HOIST INC 58 FOREST RIDGE DR UNIT 4A ROWLEY, MA 01969
007-010-08	51 FOREST RIDGE DR	TRS GATEWAY II TRUST OF 1997 COUGHLIN JOHN E ET AL TRUSTEES 239 WESTERN AVE ESSEX, MA 01929
007-017	OFF FOREST RIDGE DR	TRS GATEWAY II TRUST OF 1997 COUGHLIN JOHN E ET AL TRUSTEES 239 WESTERN AVE ESSEX, MA 01929
007-017-01	OFF KATHLEEN CIR	TOWN OF ROWLEY CONSERVATION COMMISSION PO BOX 24 ROWLEY, MA 01969
008-019-08	13 KATHLEEN CIR	TOWN OF ROWLEY CONSERVATION COMMISSION PO BOX 24 ROWLEY, MA 01969

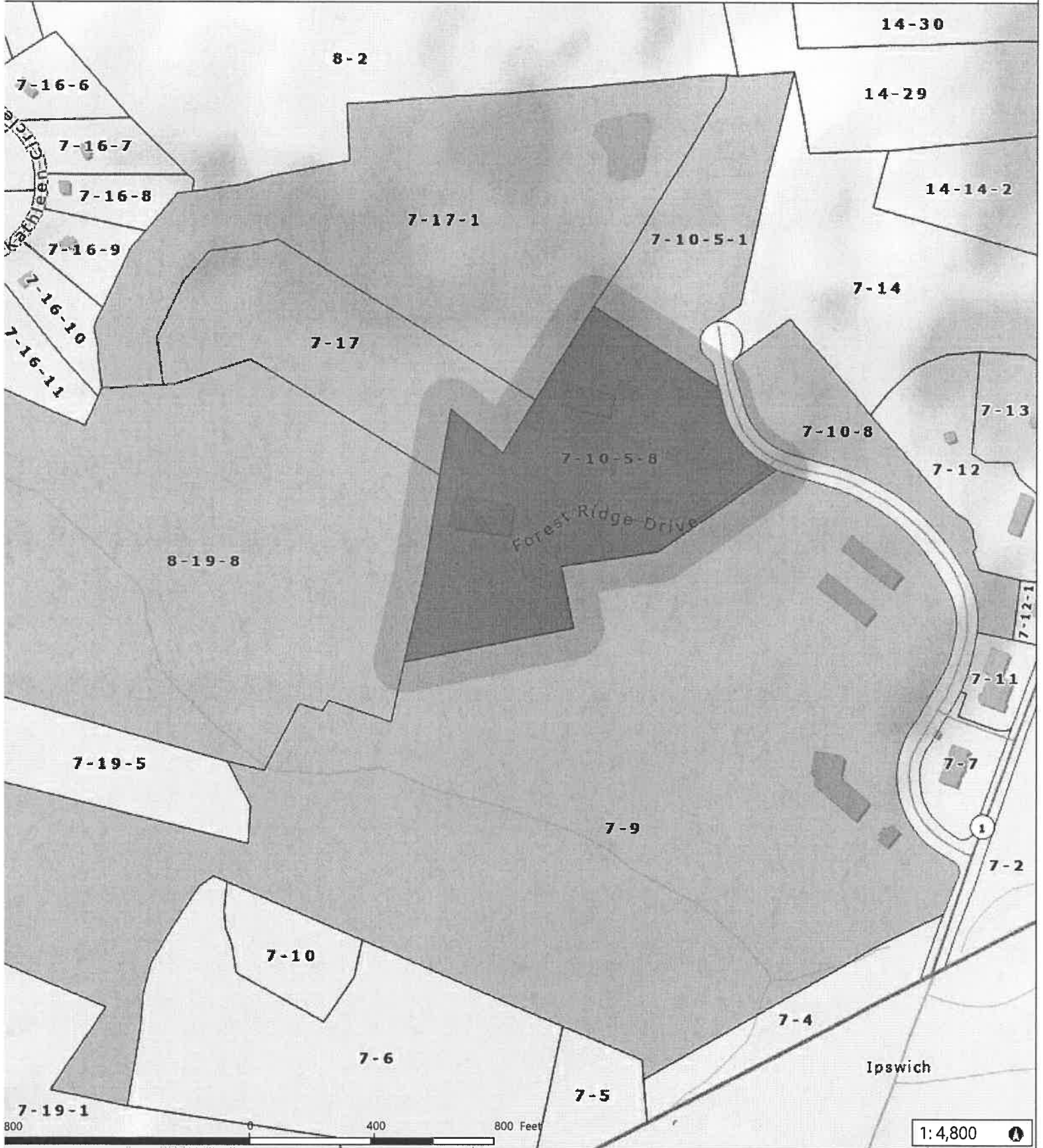
8 parcels listed



Sean M. Gadden
Principal Assessor

Town of Rowley

12/18/2023



Data Sources: Produced by Merrimack Valley Planning Commission (MVPC) using data provided by the Town of Rowley & MassGIS/MassGIS.
MVPC AND THE TOWN OF ROWLEY MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, OR SUITABILITY OF THESE DATA. THE TOWN OF ROWLEY AND MVPC DOES NOT ASSUME ANY LIABILITY ASSOCIATED WITH THE USE OR MISUSE OF THIS INFORMATION



Municipal Boundary	Roads	Interstate	Legend
Building Footprints	Hydrographic Features	Streams	Major Road
			Local Road
			Parcels

HUNSLEY HILLS

Kathleen Circle
Conservation Area

Kathleen Circle
Conservation Area

ROWLEY

Forest Ridge Drive

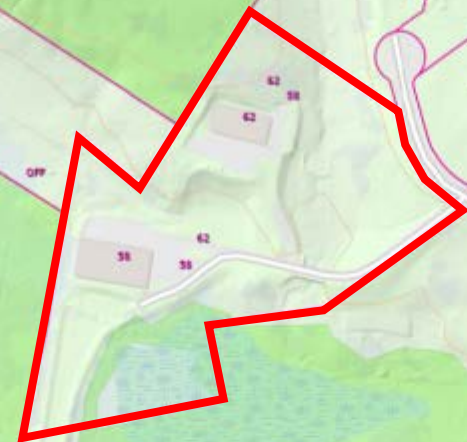
Newburyport Turnpike

Newburyport Turnpike

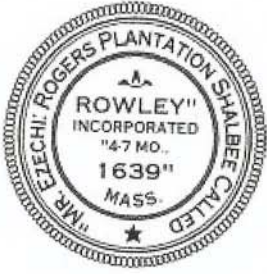
Clark School

MassMapper

Leaflet | MassGIS



Attachment D Rowley Application Materials



Town of Rowley

Conservation Commission

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

Conservation@townofrowley.org

REQUEST TO DETERMINE APPLICABILITY 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 Application including:
 - Completed WPA Form 1—revised July 2020
 - Section of U.S. Geologic Survey (USGS) quadrangle locating site (8 ½" x 11")
 - An appropriately sized section of the Assessor's map clearly identifying the property and all others within a hundred feet
 - Plans and calculations clearly describing the location and the nature of the proposed work
 - Proof of mailing or hand delivery of Application to DEP NE regional office (address below)
 - One copy of permission to enter form with original signature of property owner
 - Proof of mailing or delivery of Application to property owner if not applicant
 - One electronic submission in "PDF" form of all Application documents and plans.
 - One copy of the Wetland Bylaw Fee Calculation Form with check for appropriate fee.

Send by certified mail, return receipt requested, or hand deliver to:
DEP NERO, Wetlands Division, 150 Presidential Way, Woburn, MA 01801

- One copy of the Application including:
 - Completed WPA Form 1—revised July 2020.
 - Section of U.S. Geologic Survey (USGS) quadrangle locating site (8 ½" x 11").
 - An appropriately sized section of the Assessor's map clearly identifying the property and all others within a hundred feet.
 - Plans and calculations clearly describing the location and the nature of the proposed work.

PERMISSION TO ENTER

I, Dean Souza, hereby grant the Rowley Conservation Commission and its officials permission to enter upon my property at 62 Forest Ridge, Rowley to

review the filed Request to Determine Applicability and future site conditions for compliance with the issued Determination of Applicability. The sole purpose of this document is to allow Commissioners and their officials to perform their duties under the Wetlands Protection Act (M.G.L. c. 131 s. 40) and the Town of Rowley Wetlands Protection Bylaw.

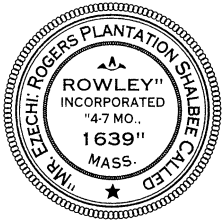
Signed: [Signature]
(PROPERTY OWNER)

1/8/24
(DATE)

Rev. 2/22/2023

Town Hall Annex • Room 4 • 39 Central Street • P.O. Box 24 • Rowley, MA
01969

Attachment E Filing Fees



Town of Rowley Conservation Department

Town Hall Annex – Room 4
 39 Central St, P.O. Box 24, Rowley, MA 01969
 Phone: 978-948-2330 Fax: 978-948-7196
conservation@townofrowley.org

WETLAND BYLAW FEE CALCULATION FORM

Property Address:	Map:	Parcel:	Lot:
APPLICATION NAME / ACTIVITY	LOCAL BYLAW FEE	# of Activities or Measurement	Subtotal
Request for a Determination of Applicability (RDA)	\$75	1	\$75.00
Abbrev. Notice of Resource Area Delineation (ANRAD)			
Single Family House Project	\$1/linear foot, first 100'; \$0.50/lf, second 100'; \$0.10/lf, each additional foot		
All Other Projects	*\$1/linear foot, first 1000'; \$0.50/lf, second 1000'; \$0.10/lf, each additional foot		
Notices of Intent (NOI)			
Category 1 Activity	\$100		
Category 2 Activity	\$250		
Category 3 Activity	\$525		
Category 4 Activity	\$725		
Category 5 Activity	\$2/foot		
Category 6 Activity - If no ANRAD was filed for the project site, then a local Cat. 6 fee must be paid in accordance with the ANRAD fee schedule	See ANRAD fee schedule		
Request to Amend an OOC (RAOC)	\$100		
Resource Area Alterations (for NOI & RAOC)			
Buffer Zone, 50'-100' from resource area boundary	\$0.05 / square foot		
Buffer Zone, 25'-50' from resource area boundary	\$0.10 / square foot		
Buffer Zone, 0'-25' from resource area boundary	\$0.25 / square foot		
Bordering Vegetated Wetlands & Salt Marsh	\$0.35 / square foot		
Bank	\$5 / linear foot		
Land Under Water & Waterways	\$0.35 / square foot		
Bordering Land Subject to Flooding & CLSSF**	\$0.05 / square foot		
***Riverfront Area only	\$0.05 / square foot		
Isolated Vegetated Wetlands	\$0.35 / square foot		
Land within Groundwater Protection Area Zone I	\$0.25 / square foot		
Land within Groundwater Protection Area Zone II	\$0.05 / square foot		
Other Local-only Jurisdictional Resource Areas	\$0.05 / square foot		
Extension Permit	\$100		
Certificate of Compliance	Projects under one acre in size: \$100 - over an acre in size \$250		
For filings resulting from enforcement action, double the Local Bylaw Fee Total			
LOCAL BYLAW FEE TOTAL			\$75.00
As Determined by the Commission, Fee Total not to exceed \$15,000 except Enforcement			
NOTES:			
*Local Bylaw Fee maximum of \$100, if, when determined necessary by Commission, applicant agrees to ANRAD review by outside consultant under M.G.L. Ch. 44, sec. 53G			
**Coastal Land Subject to Storm Flowage			
***Local Bylaw Fees for RDA, NOI, & RAOC increase 50% when project is also proposed within a Riverfront Area			
Local Bylaw Fees passed by a Unanimous vote of the Commission on 10/1/2019, effective 10/2/2019			

Town of Rowley

Check Number
Check Date 1/10/2024
Check Amount \$ 75.00

Invoice #	Invoice Amount	Amount Paid
1/8/24	\$75.00	\$75.00



DiLUIGI, INC.
62 Forest Ridge Dr, 4B
ROWLEY, MA 01969

137705

11-24/1210

1/10/2024

PAY SEVENTY-FIVE DOLLARS AND ZERO CENTS *****

DATE

AMOUNT

\$ 75.00

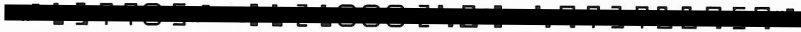
TO THE ORDER OF

Town of Rowley
36 Central Street
PO Box 275
Rowley MA 01969-



Louis J. DiLuigi
AUTHORIZED SIGNATURE

Security features. Details on back.



Attachment F Site Photographs



Photo #1: General view of culvert on northern side of Forest Ridge Drive with common winterberry (*Ilex verticillata*, FACW). Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #2: General view of intermittent stream within "Wetland A". Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #3: General view of intermittent stream within wetland located to the eastern extend of the site. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #4: Shallow root systems observed within "Wetland A". Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #5: General view of ponded area within “Wetland A”. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #6: General view of ponded area within “Wetland A”. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #7: Soft rush (*Juncus effusus*, OBL) observed amongst leaf litter near ponded area within “Wetland A”. Photo taken on November 7, 2023, by Hancock staff scientist.



Photo #8: Buttressing roots observed within “Wetland B”. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #9: General view of culvert on southern side of Forest Ridge Drive. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #10: General view of intermittent stream within “Wetland B”. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #11: General view of shallow root system on tree within “Wetland B”. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #12: General view of intermittent stream within “Wetland B”. Photo taken on November 7, 2023, by Hancock Associates staff scientist.



Photo #13: Soil sample with depleted matrix and redox concentrations present from IVW located to the west of the proposed work. Photo taken on November 7,2023, by Hancock Associates staff scientist.



Photo #14: Soil sample with depleted matrix and redox concentrations from IVW located to the west of the proposed work. Photo taken on November 7,2023, by Hancock Associates staff scientist.

Attachment G Permit Site Plan