

**Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands**

WPA Form 1- Request for Determination of Applicability

Holliston
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:

Ralyane	Alves	
First Name	Last Name	
42 Westfield Drive		
Address		
Holliston	MA	01746
City/Town	State	Zip Code
774-204-3604		
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)

Karon	Skinner Catrone	
First Name	Last Name	
Company Name		
63 Gilbert Drive		
Address		
Stoughton	MA	02072
City/Town	State	Zip Code
508-668-4401	karon.skinner@ymail.com	
Phone Number	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):

42 Westview Drive	Holliston
Street Address	City/Town
42.21713	-71.43205
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)
11.0	Block 8.0 Lot 79.0
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):

Lawn

c. Plan and/or Map Reference(s): (use additional paper if necessary)

SEPTIC SYSTEM CONSTRUCTION 42 WESTFIELD DRIVE HOLLISTON, MASSACHUSETTS	1/23/24
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):

The applicant is proposing only the replacement of a failing septic system. Most of the proposed project is outside the 100 foot buffer zone. No trees will need to be removed for this construction.

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).

-
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.)



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C. Determinations

1. I request the Holliston 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:

Holliston

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.

Ryan Abour
Signature of Applicant

4/11/24
Date

Tom Slatt
Signature of Representative (if any)

4/11/24
Date

PROJECT NARRATIVE

Wetland Delineation

The wetland resource area was delineated by Karon Skinner Catrone on 3/1/24. The Bordering Vegetated Wetland (BVW) was delineated in the field in accordance with the definition set forth in the regulations at 310 CMR 10.00 and the Holliston Wetland Protection Bylaw. The methodology used to make the determination that Bordering Vegetated Wetland is that 50% or more of the vegetational community consists of wetland indicator plants and saturated or inundated soils.

Findings

Bordering Vegetated Wetlands were observed in the rear of the property. Plant species observed in the area of flag 5 (closest wetland flag to the proposed work) include mostly: Grass/Echinochloa crusgalli, Ground ivy/Glechoma hederacea, Pine/Pinus strobus, Ash/Fraxinus pennsylvanica, Maple/Acer rubrum, Highbush blueberry/Vaccinium corymbosum and Sphagnum.

Evidence of wetland hydrology including hydric soils, high groundwater and saturated soils were found within the delineated Bordering Vegetated Wetland. A 100-foot jurisdictional buffer zone exists from the wetland line through most of the property. The property does not have 100-year floodplain, Riverfront Area or Natural Heritage and Endangered Species issues associated with this project.

Proposed Project

The project is located at 42 Westfield Drive, Holliston. The site currently consists of a single-family home on a 19,200 sq. ft. lot. The applicant is proposing only the installation of a septic system to replace the existing failed system. The new system will be installed in the most suitable location on the lot. The grade of the property is flat in the work area. No tree removal is proposed in association with this project. A stock pile area is shown on the plan outside the 100-foot buffer zone.

Conclusion

The project consists of work only in the buffer zone. The current approach to constructing the new septic system provides the most advantageous methodology to minimize adverse effects to the resource area. The applicant will keep all impervious surfaces clean during the construction of the project. A straw wattle and a silt fence will be installed as shown on the plan. Silt sacks will be installed in any catch basins which are down gradient and within 50 feet of the project, if necessary, to further protect any nearby resource areas during construction. All work will cause only a temporary disturbance. The area will be loamed and seeded and will return to pervious area. The installer will be instructed of the importance of the resource area and informed there must be no disturbance beyond the limit of work. One entrance and exit will be used to minimize impact.

1	S-SQUARE FOOT P-PRIMARY	101-SINGLE FAMILY RESIDENCE	17,424 .40	N	7	259,623
2	A-ACREAGE	R-RESIDUAL 101-SINGLE FAMILY RESIDENCE	1,742 .04	N	6,600	264
Total:						0 259,887

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NHESP data



- Potential Vernal Pools
- NHEP Priority Habitats of Rare Species
- NHEP Estimated Habitats of Rare Wildlife
- NHEP Certified Vernal Pools
- NHEP Ecoregions
- Areas of Critical Environmental Concern ACECs Boundaries
- Areas of Critical Environmental Concern ACECs
- Property Tax Parcels



MassMapper
Leaflet | Mapbox

USGS data



DEP Wetlands Hydrologic Connections

USGS Water Bodies 25k

- LAKE, POND, OCEAN
- RESERVOIR
- WETLAND
- SALT WETLAND
- SUBMERGED WETLAND
- CRANBERRY BOG
- TIDAL FLAT
- INUNDATED AREA

USGS Rivers and Streams 25k

- Stream
- INTERMITTENT STREAM
- SHORELINE
- INTERMITTENT SHORELINE
- MANMADE SHORELINE
- DITCH/CANAL
- AQUEDUCT
- DAM
- CHANNEL IN WATER

Major Ponds

- Major Ponds

Major Streams

- Major Streams

USGS Streams 100k

- USGS Streams 100k

USGS Ponds 100k

- USGS Ponds 100k

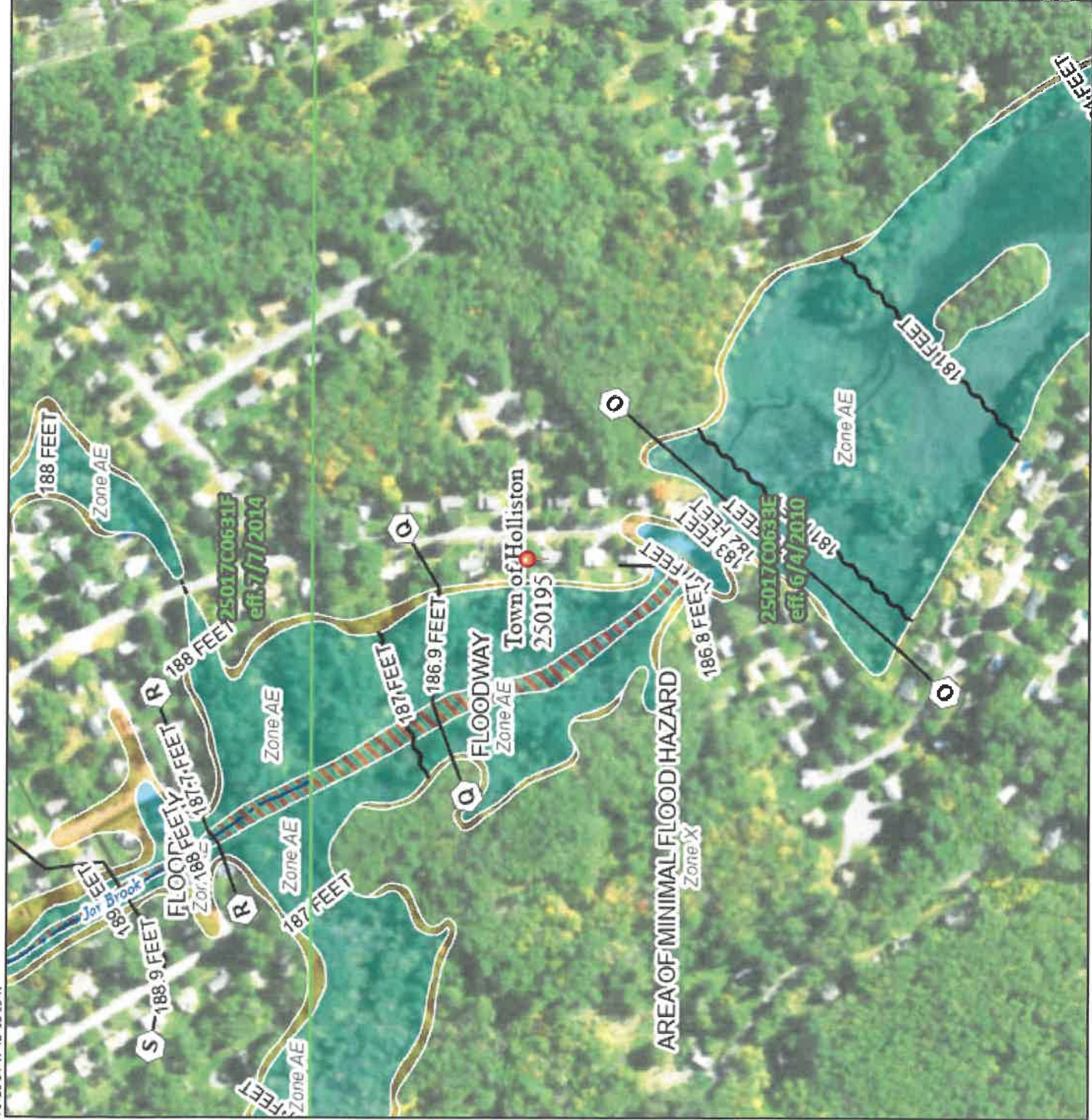
Property Tax Parcels

- Property Tax Parcels

National Flood Hazard Layer FIRMette



71°26'14"W 42°13'15"N



Legend

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

	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
	NO SCREEN
	Area of Minimal Flood Hazard Zone X
	Effective LOMRs
	Area of Undetermined Flood Hazard Zone
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	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 4/7/2024 at 3:41 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.