

# **REQUEST FOR DETERMINATION OF APPLICABILITY**

**Under the Massachusetts Wetland Act  
Activities in the Buffer Zone, Policy 99-1  
Relative to the Proposed  
Septic System Upgrade**

**Located at:**

**205 Pond Street  
Avon, MA 02322  
Assessor Map C5, Block 1, Lot 11**

**Prepared for:**

**Samantha Rego  
205 Pond Street  
Avon, MA 02322**

**Prepared by:**

**Collins Civil Engineering Group, Inc.  
225 South Main Street  
West Bridgewater, MA 02379**



**July 27, 2021**

**Project #21-147-3363**

**REQUEST FOR DETERMINATION  
OF APPLICABILITY  
205 Pond Street  
Avon, MA 02322**

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**REQUEST FOR DETERMINATION  
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205 Pond Street  
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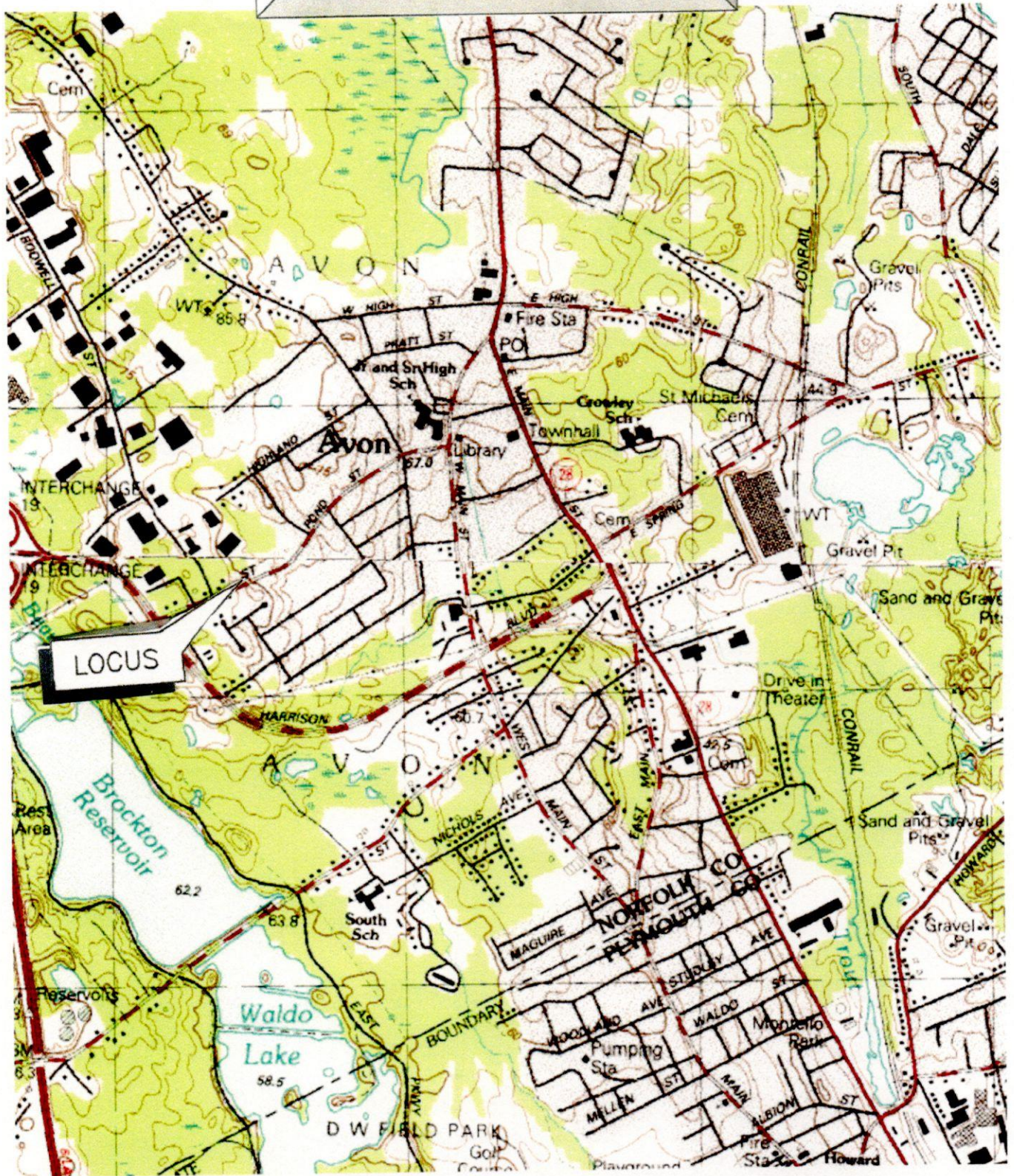
**NARRATIVE**

This Request for Determination of Applicability (RDA) has been submitted for the referenced site for the proposed upgrade of a residential septic system. Included in this RDA is a plan entitled "Plan and Details Subsurface Sewage Disposal System Upgrade", prepared by Collins Civil Engineering Group, Inc. dated 07-26-21. It should be noted that the wetland resource delineation was performed by Brooke Monroe, Environmental Scientist, based on site topography, vegetation and soil conditions.

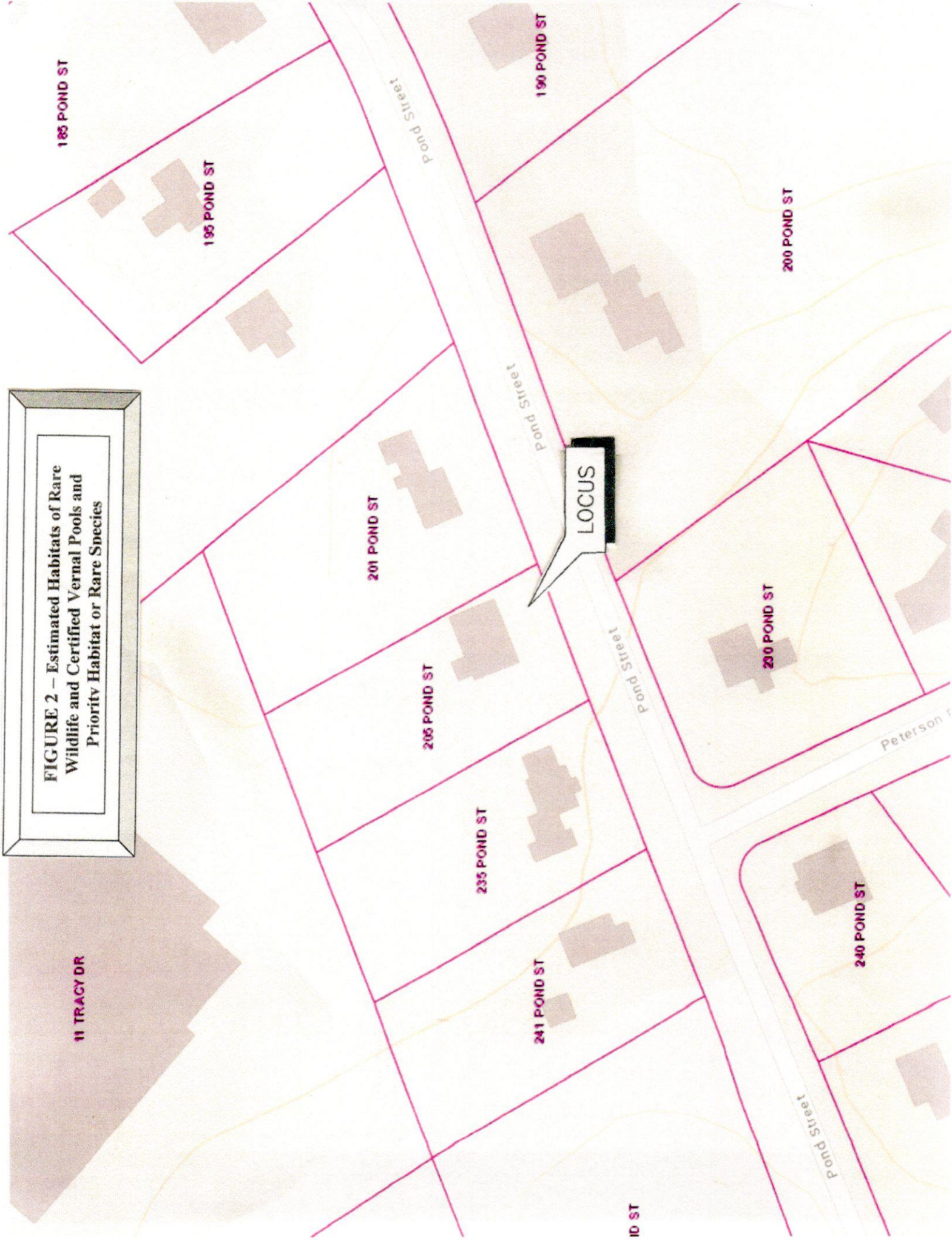
As indicated on the referenced plan, the proposed work limit will be 40', and proposed leaching bed will be 64' from the wetland resource area. A 12" straw wattle with a silt fence is proposed around the construction area. As stated on septic design plans, the erosion control will be erected prior to commencing any work and will remain in place until any disturbed areas have been stabilized. The proposed erosion control in this site-specific application will be highly effective in protecting the wetland resource area from all short-and long-term activities associated with this project.

A representative from Collins Civil Engineering Group, Inc. will be available at the scheduled Conservation Commission meeting (TBA) associated with this project to address any concerns that the Commission may have.

FIGURE 1 - SITE LOCUS



**FIGURE 2 – Estimated Habitats of Rare  
Wildlife and Certified Vernal Pools and  
Priority Habitat or Rare Species**

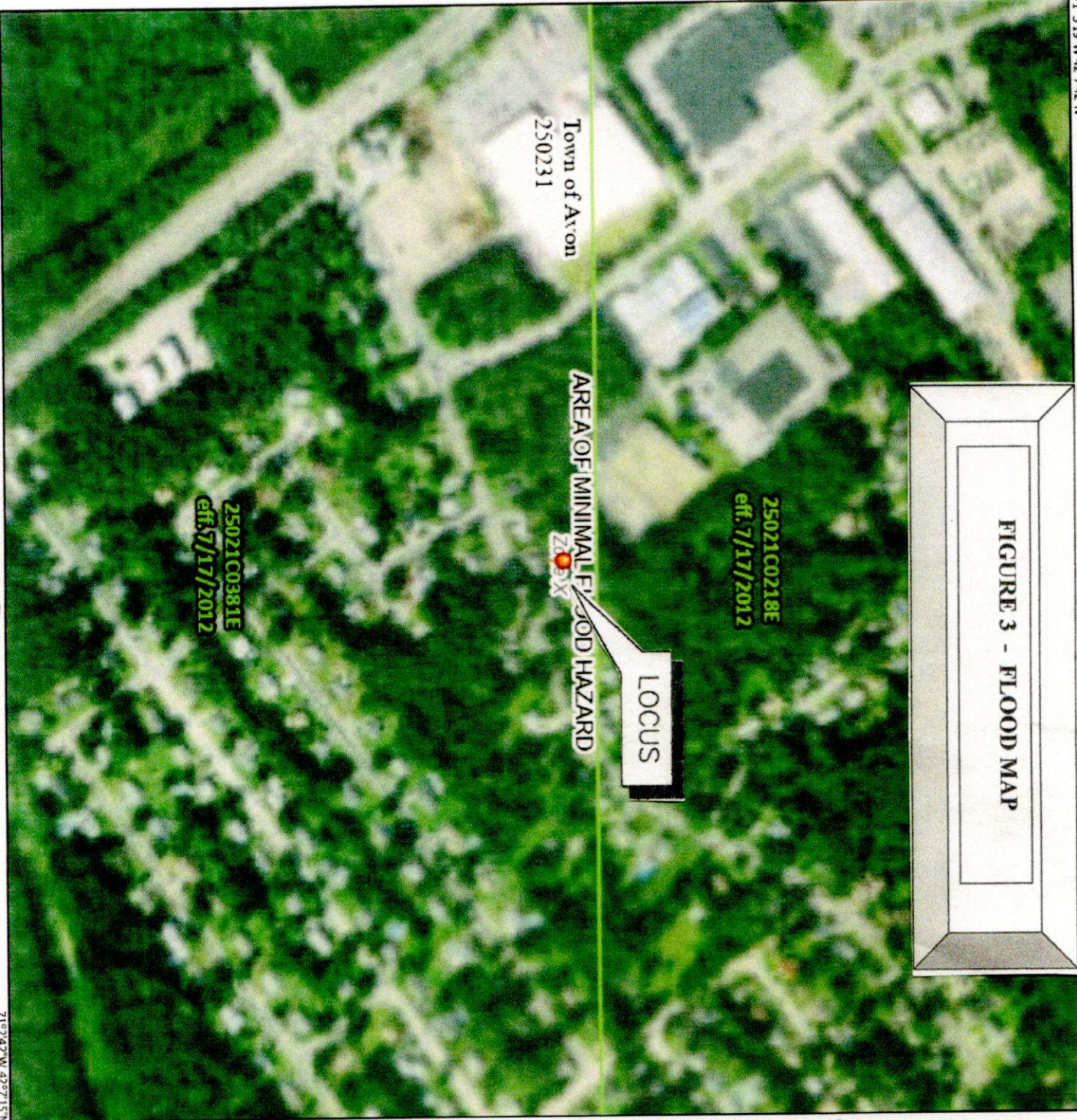


# National Flood Hazard Layer FIRMette



71°31'9"W 42°7'42"N

**FIGURE 3 - FLOOD MAP**



## Legend

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

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

**OTHER AREAS OF FLOOD HAZARD**

- 0.2% Annual Chance Flood Hazard, Ar of 1% annual chance flood with areal depth less than one foot or with drain 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 X

**OTHER AREAS**

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone X

**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
- Profile Baseline
- Hydrographic Feature

**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 7/27/2021 at 1:17 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.

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**ATTACHMENT A**

**WPA Form 1**



# WPA Form 1- Request for Determination of Applicability

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:

SAMANTHA REGO  
Name  
205 POND STREET  
Mailing Address  
AVON  
City/Town  
781-264-2490  
Phone Number  
SAMANTHAGPYE@GMAIL.COM  
E-Mail Address  
MA  
State  
02322  
Zip Code  
Fax Number (if applicable)

2. Representative (if any):

COLLINS CIVIL ENGINEERING GROUP, INC.  
Firm  
GEORGE R. COLLINS, P.E.  
Contact Name  
225 SOUTH MAIN STREET  
Mailing Address  
WEST BRIDGEWATER  
City/Town  
508-580-2332  
Phone Number  
GRCPE@AOL.COM  
E-Mail Address  
MA  
State  
02379  
Zip Code  
GRCPE@AOL.COM  
Fax Number (if applicable)

## B. Determinations

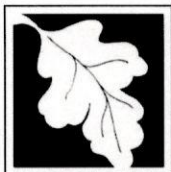
1. I request the AVON Conservation Commission make the following determination(s). Check any that apply:

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below 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 below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

AVON  
Name of Municipality

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





# WPA Form 1- Request for Determination of Applicability

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## C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

205 POND STREET

Street Address

AVON

City/Town

C5-1

Assessors Map/Plat Number

11

Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

EXISTING SINGLE FAMILY, GRASSED, AND PAVED, 19,895+/- S.F. RESIDENTIAL LOT WITH A BORDERING VEGETATED WETLAND (BVW) ON THE NORTH PORTION OF THE SITE.

- c. Plan and/or Map Reference(s):

PLAN AND DETAILS SUBSURFACE SEWAGE DISPOSAL SYSTEM  
UPGRADE

7/26/21

Date

Title

Date

Title

Date

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

INSTALL NEW 1,500 GALLON 2-COMPARTMENT SEPTIC TANK, DISTRIBUTION BOX, AND 14.2' X 25.1' LEACHING BED.



## WPA Form 1- Request for Determination of Applicability

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

### C. Project Description (cont.)

- 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.)
-



# WPA Form 1- Request for Determination of Applicability

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

## 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.

Name and address of the property owner:

SAMANTHA REGO

Name

205 POND STREET

Mailing Address

AVON

City/Town

MA

State

02322

Zip Code

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.

*Samantha Rego*  
Signature of Applicant

7/28/21  
Date

*[Red Signature]*  
Signature of Representative (if any)

7-28-21  
Date

**REQUEST FOR DETERMINATION  
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**205 Pond Street  
Avon, MA 02322**

**ATTACHMENT B**

**Copy of Town Check**

SECURITY FEATURES INCLUDE TRUE WATERMARK PAPER, HEAT SENSITIVE ICON AND FOIL HOLOGRAM

2848

COASTAL HERITAGE BANK

53-7149/2113



**COLLINS CIVIL ENGINEERING GROUP INC.**  
225 S MAIN ST  
W BRIDGEWATER, MA 02379  
508-580-2332

7/28/2021

\$ \*\*50.00

Town of Avon

PAY TO THE  
ORDER OF

Fifty and 00/100\*\*\*\*\*

DOLLARS

Town of Avon  
65 East Main St  
Avon, MA 02322



*[Signature]*  
AUTHORIZED SIGNATURE

MEMO RDA Fee 205 Pond St.

⑈002848⑈ ⑆211371492⑆

Details on Back

Security Features Included

**REQUEST FOR DETERMINATION  
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**ATTACHMENT C**

**Wetland Report**

**PINEBROOK**



**CONSULTING**

July 27, 2021

COLLINS CIVIL ENGINEERING GROUP  
225 South Main Street  
West Bridgewater, Massachusetts 02379  
Attention: George Collins, P.E.

RE: Wetland Delineation for #205 Pond Street  
Avon, Massachusetts

Dear George:

On July 22, 2021; at your request and in preparation for a septic upgrade; I visited the above-referenced property (referred to as the site) to delineate the wetland resource area on/off the above referenced site. The resource area is defined under the Massachusetts Wetland Protection Regulations (310 CMR 10.00) and under the Town of Avon Wetlands Protection By-law as bordering vegetated wetland (BVW). The BVW which is located on/off the north-northeasterly side of the site, behind the existing single-family dwelling, was delineated with pink flags labeled WF-1 thru WF-12. The boundary of the BVW; which commences off the site, behind the fence, and extends into the yard/lawn is fairly well-defined by the presence of plant species such as: red maple (*Acer rubrum*), shagbark hickory (*Carya ovata*), red cedar (*Juniperous virginiana*) and white oak (*Quercus alba*) trees/saplings; arrow-wood (*Viburnum dentatum*), common buckthorn (*Rhamnus frangula*), green brier (*Smilax glauca*) and grape (*Vitus, spp.*), in the shrub/vine layer; and spotted jewelweed (*Impatiens capensis*), poison ivy (*Toxicodendron radicans*), sedges (*Carex, spp*), soft rush (*Juncus effusus*) and Virginia creeper (*Parthenocissus quinquifolia*) in the herbaceous layer. The BVW is also characterized by hydrological indicators such as standing water, saturated soils and buttressed roots. Surface water accumulates behind the fence where it seeps under the fence and into the yard in the vicinity of the shed.

According to the most recent Massachusetts Natural Heritage Atlas (14<sup>th</sup> Edition, August 1, 2017) the site is not within an area mapped as priority and/or estimated habitat for rare wildlife/species and there are no vernal pools on the site.

If you have any questions regarding this delineation and/or you need additional information, please feel free to call me at any time. I am glad I could assist you with this project and please let me know if you need any help in the future.

Sincerely,

**PINEBROOK CONSULTING**

Brooke Monroe, Environmental Scientist

310 Sandwich Street • Plymouth, MA 02360 • 508-746-2386