

**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:

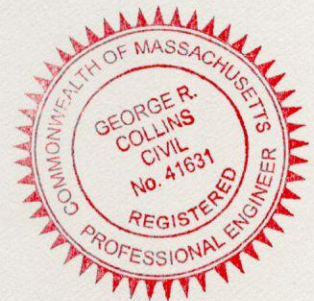
**4 Lawson Street
Avon, MA 02322
Assessor Map D3, Block 1, Lot 40**

Prepared for:

**Wilson Auguste
4 Lawson Street
Avon, MA 02322**

Prepared by:

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



November 23, 2020

Project #20-226-3199

**REQUEST FOR DETERMINATION
OF APPLICABILITY
4 Lawson Street
Avon, MA 02322**

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**REQUEST FOR DETERMINATION
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Avon, MA 02322**

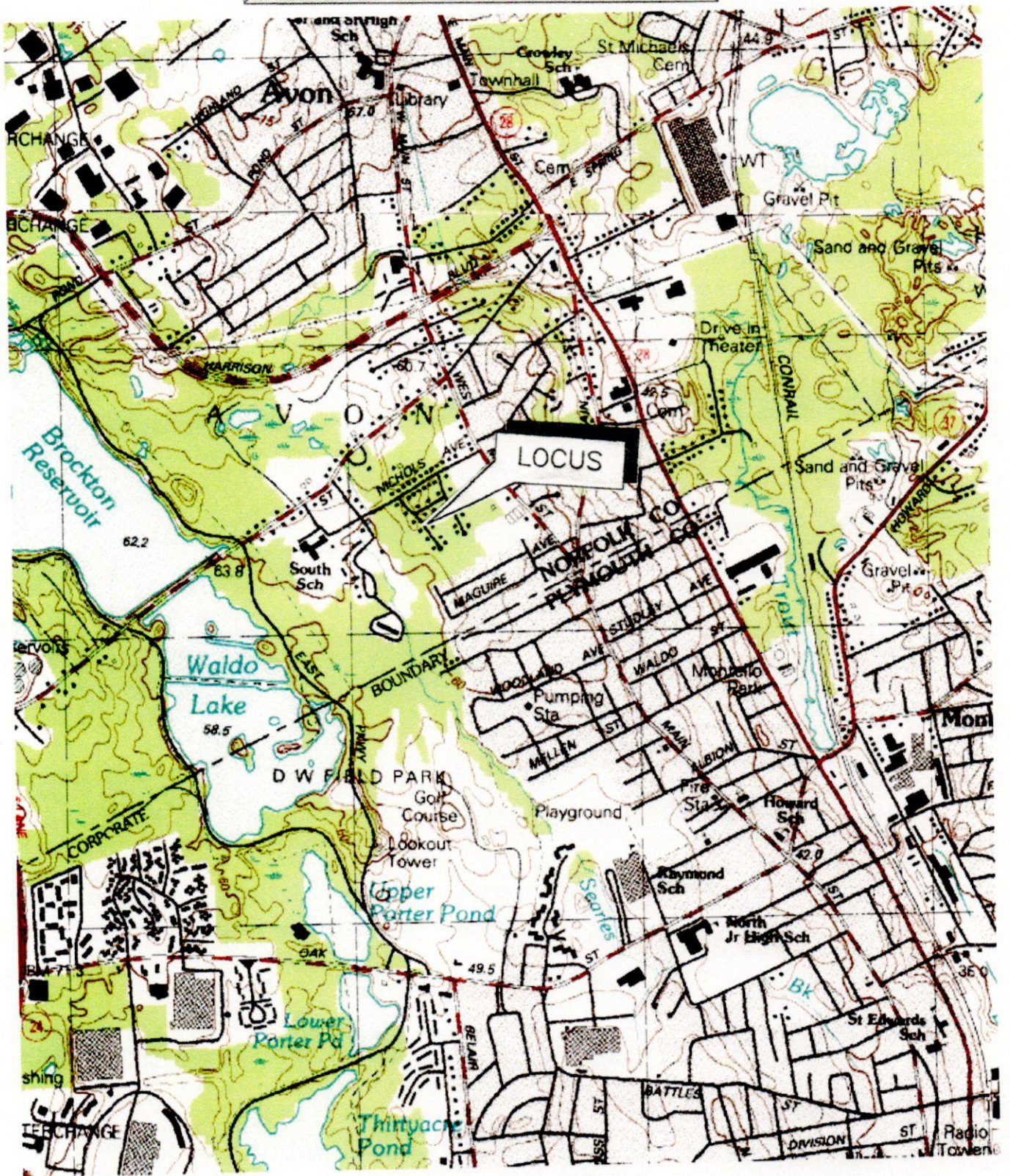
NARRATIVE

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 11-19-20. It should be noted that the wetland resource delineation was performed by Brooke Monroe, Botanist, based on site topography, vegetation and soil conditions.

As indicated on the referenced plan, the proposed work limit will be 41'. Proposed septic tank and SAS will be 50' and 75' respectively from the wetland resource area. A 12" composting silt sock is proposed around the proposed 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



Johnson Road

Howard Lane

1 HOWARD LN

12 JOHNSON RD

14

11 LAWSON

9 LAWSON ST

Lawson Street

3 HOWARD LN

7 LAWSON ST

10 LAWSON ST

5 HOWARD LN

Lawson Street

8 LAWSON ST

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

LOCUS

6 LAWSON ST

6 HOWARD LN

4 LAWSON ST

2 LAWSON ST

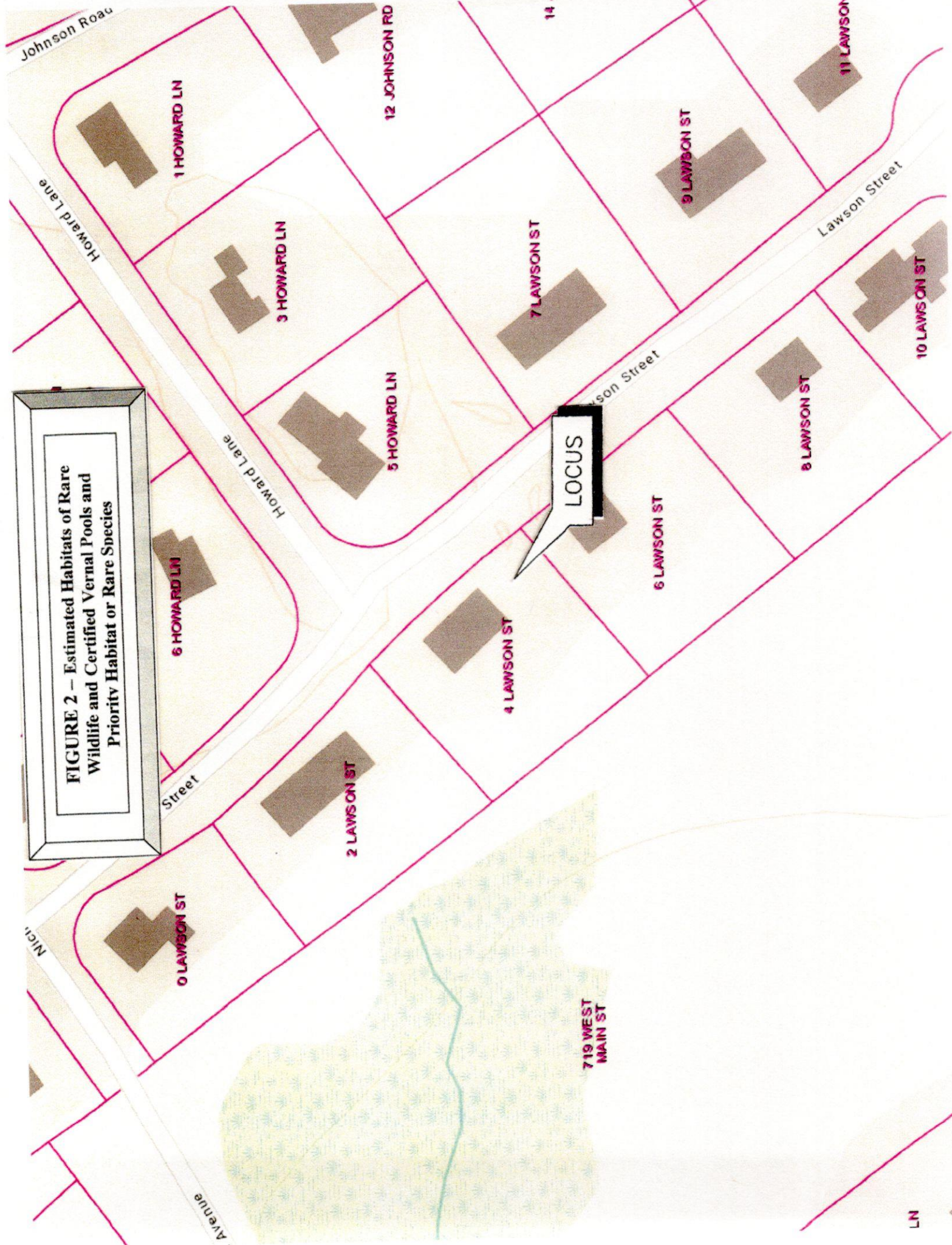
Street

0 LAWSON ST

Nich

719 WEST MAIN ST

LN



National Flood Hazard Layer FIRMette



71°02'47"W 42°07'0"N

FIGURE 3 - FLOOD MAP



Legend

SEE FIS 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, 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 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

- 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

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 11/23/2020 at 2:07 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:
- WILSON AUGUSTE
Name
4 LAWSON STREET
Mailing Address
AVON
City/Town
857-544-0205
Phone Number
- WILSONAUGUSTE@YAHOO.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
- 508-580-8336
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).
- _____
- _____
- _____



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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):

4 LAWSON STREET

Street Address

D3, BLOCK 1

Assessors Map/Plat Number

AVON

City/Town

LOT 40

Parcel/Lot Number

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

EXISTING SINGLE FAMILY RESIDENT, GRASSED, WOODED AND PAVED LOT WITH
BORDERING VEGETATED WETLAND (BVW) TO THE WEST.

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

PLAN AND DETAILS SUBSURFACE SEWAGE DISPOSAL SYSTEM
UPGRADE

11/19/20

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 A
14.2' X 37.1' 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:

WILSON AUGUSTE

Name

4 LAWSON STREET

Mailing Address

AVON

City/Town

MA

State

02322

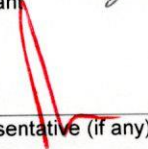
Zip Code

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.


Signature of Applicant

11-24-20
Date


Signature of Representative (if any)

11-23-20
Date

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ATTACHMENT B

Copy of Town Check

FOR SECURITY PURPOSES, THE FACE OF THIS DOCUMENT CONTAINS A COLORED BACKGROUND AND MICROPRINTING IN THE BORDER

Collins Civil Engineering Group Inc.
225 S Main St
W Bridgewater MA 02379-1771

100

53-7149/2113

Date November 24, 2020

Pay to the order of Town of Avon

\$ 50.00

fifty and 00/100 -

Dollars

Coastal Heritage Bank
Weymouth MA 02188-1717

MEMO Town Fee RDA
H Lawson ST

SIGNED Lorraine O'Laughlin

⑆211371492⑆ 4400425884⑆ 0100

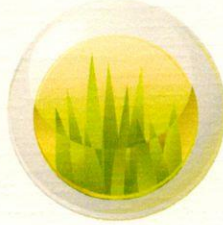
THE REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK - HOLD AT ANGLE TO VIEW

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ATTACHMENT C

Wetland Report

PINEBROOK



CONSULTING

November 2, 2020

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

RE: Wetland Delineation for #4 Lawson Street
Avon, Massachusetts

Dear George:

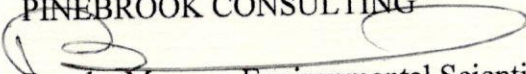
On October 27, 2020; in preparation for a septic upgrade; I visited the above-referenced property (referred to as the site) to delineate the boundary of the wetland resource area on/off the site. The resource area; which is defined under Section 10.55 of the Massachusetts Wetlands Protection Regulations (310 CMR 10.00) and under the Town of Avon Wetlands Protection By-law as bordering vegetated wetland (BVW); is located on/off the rear/side of the site and was delineated with pink flags labeled WF-1 thru WF-6. The BVW is well-defined by both the slope and the presence of wetland and transitional plant species such as: red maple (*Acer rubrum*), white oak (*Quercus alba*), beech (*Fagus grandifolia*) and white pine (*Pinus strobus*) trees/saplings; sweet pepperbush (*Clethra alnifolia*), highbush blueberry (*Vaccinium corymbosum*), witch-hazel (*Hamamelis virginiana*), spicebush (*Lindera benzoin*), green brier (*Smilax glauca*) and grape (*Vitis*, spp.) in the shrub/vine layer; and cinnamon fern (*Osmunda cinnamomea*), sedges (*Carex*, spp.), spotted jewelweed (*Impatiens capensis*) and sensitive fern (*Onoclea sensibilis*) in the herbaceous layer. The BVW also exhibits hydrological indicators such as buttressed roots and saturated soils. The BVW is located directly downgradient of the existing grassed lawn.

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