



# AVIZINIS

ENVIRONMENTAL  
SERVICES INC

# WETLAND REPORT

**SITE LOCATION:**

**A.P. 10, Lot 75 | 41 Briarwood Drive  
Seekonk, Massachusetts**

**PREPARED FOR:**

**Dean Monsees  
OSD Systems and Associates, Inc.  
Riverside, Rhode Island**

**PREPARED (July 17, 2021) BY:**



Edward J. Avizinis, CPSS, PWS | President



Certified Professional  
Soil Scientist  
EDWARD J. AVIZINIS  
343218



## INTRODUCTION

---

Avizinis Environmental Services, Inc., (AES), has completed the wetland resource area delineation, as requested, within the 41 Briarwood Drive address located in Seekonk. I visited the site on July 8, 2021 to assess the presence and location of any regulated wetland resource areas that may exist on the property. This field work was conducted to meet the standards outlined in the WPA and supporting documentation.

Wetland resource areas in Massachusetts are defined in 310 Code of Massachusetts Regulations, Section 10.00, The Wetlands Protection Act (August 27, 2017) (WPA). The WPA allows for more stringent wetland regulation at the town/city level via the promulgation of a local wetland by-law. The Town of Seekonk has passed such a by-law that provides additional protection to resource areas.

## EXISTING CONDITIONS

---

The small property is situated extending west from Briarwood Drive. The lot is comprised of a single-family home, limited yard, driveway and other associated features. There are similarly sized and developed lots to the north and south and across this residential neighborhood. There is an electrical easement that borders the property on the western side. The easement is situated north to south and contains high level electric lines. There is an emergent plant dominated bordering vegetated wetland (BVW) within the easement. The closest limits of which were delineated by AES.

A review of historic aerial photographs shows little change to the property since the 1966 photographs. The earliest available photographs taken in 1963 show that the neighborhood was under construction.

The Massachusetts DEP Natural Heritage and Endangered Species Program (NHESP) maps were consulted in preparation of this work. None of the property is mapped within any priority habitat. Nor are there any certified vernal pools or potential vernal pools on the property or within close proximity to the property.

## REGULATED RESOURCE AREAS

---

one

AES has established ~~two~~ resource area flag series on the property. Flagging labeled A1 – A5 depicts the closest limit of a bordering vegetated wetland (BVW). The BVW will require the protection of a 100-foot buffer zone. The buffer zone is an area of upland contiguous with the BVW that is presumed to be significant to the protection of the wetland.

Any proposed work that may impact the 100-foot buffer zone will require a review and permit from the conservation commission.

## CLOSING

---

Thank you for allowing AES to provide this service. Please see the attached map for reference with this report. Flagging and pertinent site features have been located with a Spectra SP-20 GPS/GNSS unit and applied to a 2019 aerial photograph. This is not a survey plan but is helpful in preliminary planning. The area on the west side of the property where the current garden is located is delineated as wetland. It appears that the area for the garden was cleared and the garden was built within the wetland. This is typically considered a violation of the WPA, however, it appears that the clearing pre-dates the installation of the wetland regulations and so I do not believe this would be considered a violation. That being said, the Seekonk Conservation Commission is the only authority that can make that assessment. Once you have had a chance to review this report, please let me know if you have any questions.

## SITE MAPS

---

1. Wetland Resource Map



WETLAND DELINEATION MAP  
 A.P. 10, Lot 75 | 41 Briarwood Drive  
 Seekonk, Massachusetts

LEGEND

- BENCHMARK GPS LOCATION
- WETLAND FLAG
- BORDERING VEGETATED WETLAND
- 100-FOOT BUFFER ZONE
- PROPERTY LINES

General Notes:  
 1. This map should not be interpreted as a survey quality graphic. It is designed for preliminary planning purposes only. AES recommends consultation with a Professional Land Surveyor for accurate site feature locations.  
 2. Property lines as depicted on this map have been approximated from plat maps available from the town assessor's online database.  
 3. 2019 Aerial photograph base map acquired from the Massachusetts OLIVER database.  
 4. Delineation performed by Edward J. Avizinis, CPSS, PWS on July 7, 2021. Site features located with a Spectra SP20 submetric GPS/GNSS.

