

## Narrative

The project is a proposed pool adjacent to a single-family dwelling. The wetlands resource area was delineated by John Zimmer, PWS, South River Environmental Services. The concrete patio around the pool is proposed to be located 50 feet from the Bordering Vegetated Wetland line, within a previously developed rear yard lawn. Some proposed grading will extend about fifteen feet into an overgrown brush area. The closest point of the limit of work is approximately 35 ft from the Bordering Vegetated Wetland. The project will disturb approximately 3,500 square feet of the buffer zone. Installation of the pool will require excavation of approximately 120 cubic yards of soil, and fill of approximately 90 cubic yards of fill. No work is proposed within the adjacent woodland. The disturbed areas are proposed to be returned to lawn. The proposed project meets all of the performance standards for each of the resource areas altered as follows (as required by section B) 1 & 2 of WPA Form 3 – Notice of Intent):

### COASTAL WETLANDS

Not applicable – The site does not contain any coastal wetland resource areas.

### INLAND WETLANDS

#### -Riverfront Area

Not applicable – No riverfront area near the site.

#### - Land Subject to Flooding

Not applicable – The site does not contain this wetland resource area.

#### -Buffer Strip

The existing Buffer strip consists of a woodland area, an overgrown brush area, and an existing developed lawn. The existing woodland portion of the buffer strip is to remain undisturbed. Within the remaining 50' buffer strip approximately 130 sf of the overgrown brush area and 350 sf of lawn are to be disturbed during construction and returned to their original condition at the completion of the project.

A silt sock shall be installed between the construction activities and the bordering vegetated wetland to protect the resource area from sedimentation during the construction phase. The silt sock shall be maintained until the disturbed area is stabilized and revegetated.

1. Sediment removal- The project proposes a silt sock between any proposed work and the resource area during construction and until slope and soil stabilization has occurred. The project proposes to maintain the existing lawn and will not alter, diminish or reduce the property's current ability to remove sediment from the resource area.

2. Nutrient removal- The project proposes to maintain the existing vegetation and will not alter, diminish or reduce the property's current ability to remove nutrients from the resource area. The commission's standard order of conditions includes a condition that no chemical fertilizer, herbicide or pesticide shall be used at the site that reduces the impact of nutrient on the resource area.
3. Fecal Coliform Removal- The proposed project proposes no change to the existing Title V compliant septic system for the property.
4. Temperature Moderation- The project proposes to maintain the existing vegetation and will not alter, diminish or reduce the property's current ability to moderate water runoff temperature.
5. Human Impact Deterrence- The project proposes to maintain the existing vegetation. The proposed project will not alter or reduce the existing deterrents of human impact.
6. Wildlife- The project proposes to maintain the existing vegetation. The proposed project will not alter or reduce the existing wildlife habitat as the site is to be returned to its current state after construction.

# WETLAND SUMMARY FORM

## GENERAL SITE INFORMATION

DATE: 06/15/2020

SITE: 65 Walnut Hill Drive, Scituate, MA

WETLAND TYPE (BVW / IVW): BVW

WETLAND # (SERIES / FLAGS): WF-1 to WF-18

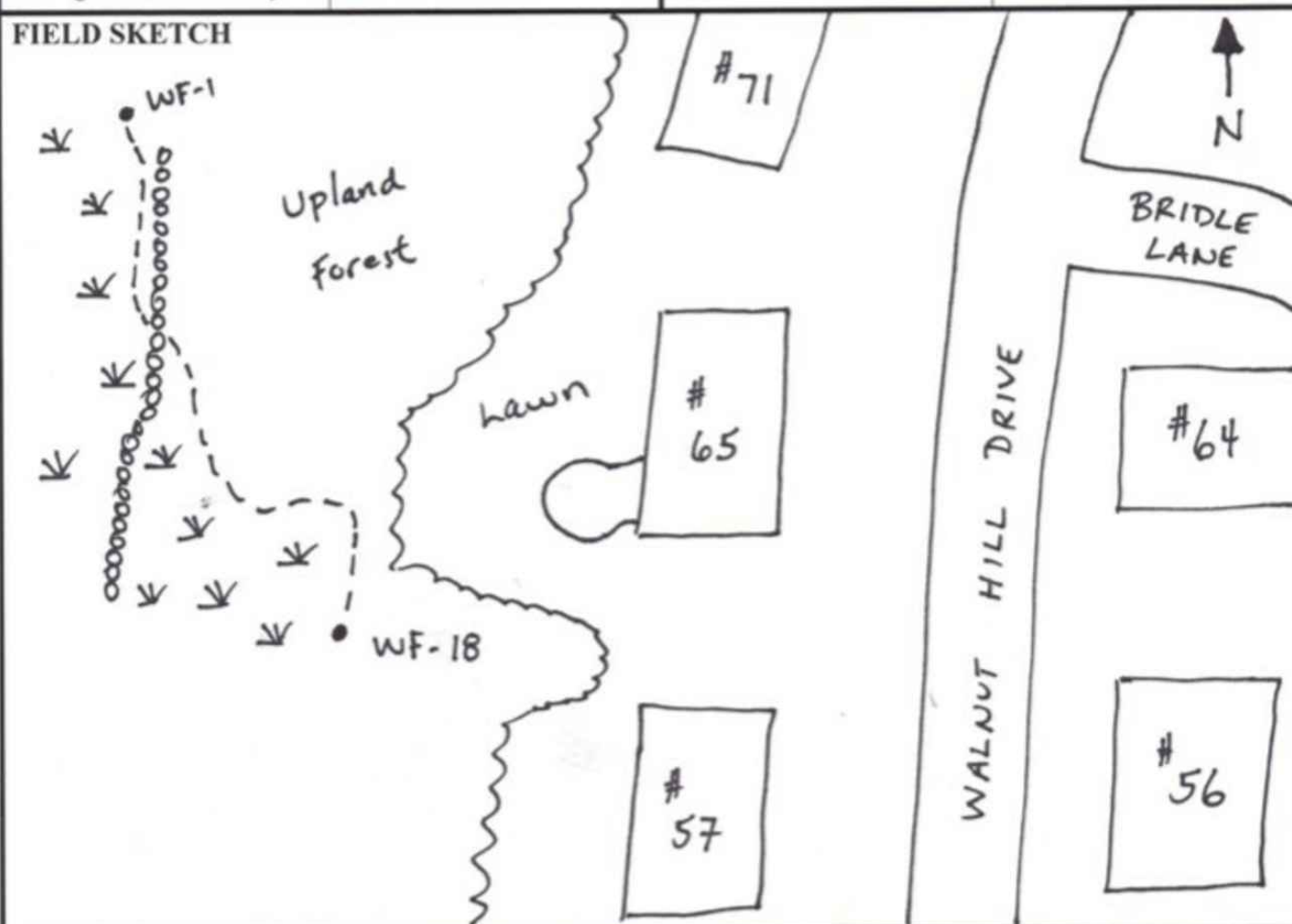
## VEGETATION DATA (DOMINANT PLANTS)

### WETLAND

### UPLAND

Red Maple	Water Tupelo	Black Cherry	Black Raspberry
American Elm	Cinnamon Fern	White Oak	Burning Bush
Sensitive Fern	Skunk Cabbage	Red Oak	Multiflora Rose
Northern Arrowwood	Jewelweed	White Pine	Norway Maple
Highbush Blueberry		Asiatic Bittersweet	Stinging Nettle

## FIELD SKETCH



## COMMENTS

- The site is not located within an area of priority habitat of rare species according to MassGIS Estimated Habitat of Rare Species datalayer (2020).