

**Notice of Intent
47 Pennfield Road
Scituate, Massachusetts**

NARRATIVE

PROJECT DESCRIPTION:

Map 44, Block 2, Lot 6L, 47 Pennfield Road, is a residential zoned, paved and grassed 22,7000 +/- square foot lot, located on the south side of Pennfield Road with Bordering Vegetated Wetlands (BVW) on the south, east and northeastern portions of the site. The site has a residential building located in the central portion of the site. According to the FIRM Town of Scituate, Massachusetts, Bristol County, Community Panel Number 25023C0128K, dated November 4, 2016, the site is located in a Zone X (see Figure 3). According to the MA OLIVER GIS MAP dated 10-27-20 the proposed activities are not located within the "Estimated Habitats of Rare Wildlife and Certified Vernal Pools" or the "Priority Habitats of Rare Species" (see Figure 2). The site is not located in an Area of Critical Environmental Concern.

The applicant is proposing the upgrade of a septic system for the existing residential home, and an after the fact building of 2 decks. There was a larger deck that ran along the entire back portion of the house that was removed and replaced with 2 decks. The 2 decks (264 s.f total) set on Sonotube footings, replaced a 12'x 50' (600 s.f.) resulting in a 56% area reduction. The applicant was not aware that the new decks required a conservation application. Septic system design plan has been prepared by Collins Civil Engineering Group, Inc. titled, "Plan and Details Subsurface Sewage Disposal System Upgrade, dated: 10-23-20. The referenced plan is an attachment to this submittal.

The wetland resource area in the vicinity of the proposed activities were delineated by Brooke Monroe, Environmental Scientist. The wetland flags were located using acceptable survey practices by Collins Civil Engineering Group, Inc.

An erosion control system consisting of an 8" Straw Wattle is proposed along the work limits of the proposed work area. Erosion controls will be as close as 4' to the wetland resource area, and the proposed tank will be 31', leaching field 62' and the closest corner of the new decks is 18' (old deck was 16' off the wetland) from the wetland resource area. These erosion control systems will effectively protect the wetland resource areas associated with this project. The erosion control system will be kept in place until all landscaping activities are complete and stabilized as stated in note 2 of the 'Wetland and Erosion Control Notes' in the plan.