



## Littleton Conservation Commission

37 Shattuck Street / Room 303

Phone: 978 540-2428

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## Littleton Wetland Protection Regulations

### **Waiver Request Requirement Information (Section 1.4)**

Date: 9/24/2024      Applicant/Owner: ALEXANDRA ESSMAN

Map/Lot: U32/7.0      Project Address: 161 TAHATTAWAN ROAD

**In order request a waiver, the following provides a guidance for required information (attach additional text, plans, photos or graphics if needed):**

**Project purpose and need:** The project includes the installation of a new septic system and associated grading within the 100' buffer zone as well as tree and shrub plantings in and along the 50' buffer zone.

**What specific action(s) is the Waiver being asked for?** Work within the 50-foot no-disturbance Buffer Zone

**How is the action(s) in the public interest, necessary to avoid a taking, necessary to prevent a safety hazard or water dependent?** The proposed plantings are part of an agreement to replace dead and damaged trees taken down in 2023.

The planting will add to the existing forest and create a significant net environmental improvement of the buffer zone.

**How is the action(s) consistent with the intent and purpose of the Bylaw?** The proposed plantings will create a more protected habitat for wildlife both on the ground and in the trees.

**Existing and proposed site conditions (ie, impervious, lawn & disturbed areas) (square feet; show on plan):** \_\_\_\_\_

The area between the 50 and 100' buffer is currently lawn, and will remain lawn once the new system has been installed.

**Existing and proposed distances of land uses from wetland resource areas (show on plan):** \_\_\_\_\_

The closest point of the grading will be approximately 65' from the edge of wetlands. The proposed tree plantings will be approximately 44' from the closest wetland point.

**Analysis of less environmentally damaging practicable alternative:** \_\_\_\_\_

The less environmentally damage alternative would be to leave the 50' buffer zone "as is" and pull the proposed tree plantings further uphill and closer to the base of the return slope/grading for the septic system. The current proposal will align the plantings in a more natural setting versus a forced alignment.

**Proposed short term and long term protection of wetland resource areas:** \_\_\_\_\_

Straw wattles are proposed along the bottom of the proposed grading for the septic system, to prevent migration of disturbed soils during construction. Accumulated sediment will be removed from the wattles prior to removal of the erosion control barrier. All disturbed areas will be restored with loam and seed.

**Is the site in a Zone I, II or III (groundwater) or Zone A, B or C (surface water) water supply area:** \_\_\_\_\_  
N/A

**Are there critical, unique or sensitive resource areas in the area (ie, NHESP mapped habitat, vernal pools, unusual wetland types, cold water fisheries, outstanding resource waters, Core Habitat, Conservation land, etc); show on plan:** \_\_\_\_\_

N/A

**Other factors for consideration:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Jack Maloney - Dillis & Roy** **Project:** \_\_\_\_\_ **161 Tahattawan Road**