



Fraggle Rock Environmental
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May 2, 2022

Wetland/Wetland Buffer Review

Zeland Schwartz Revocable Trust
Tax Map 1, Lot 16 (Proposed Lots 1, 2 and 3)
14 Huckins Road
Madbury, NH

Wetland/Wetland Buffer Standards

- Corps of Engineers Wetland Delineation Manual, Technical Report 4-87-1, (January, 1987)
- U.S. Army Corps of Engineers, Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0, U.S. Army Engineer Research and Development Center, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199, January 2012, ERDC/EL TR-12-1
- Cowardin, Lewis M., Golet, Francis C. and LaRoe, Edward T, Classification of Wetlands and Deepwater Habitats of the United States, USFWS, Dept. of the Interior, Wash. D.C., 1979.
- Field Indicators of Hydric Soils in the United States A Guide for Identifying and Delineating Hydric Soils, Version 8.1, 2017 (Including corrections to version 8.0, 2016, on pages 21, 25, and 34)
- New England Hydric Soils Technical Committee. 2017 Version 4, Field Indicators for Identifying Hydric Soils in New England. New England Interstate Water Pollution Control Commission, Lowell, MA
- U.S. Army Corps of Engineers 2016. National Wetland Plant List/State List, Version 3.3
- Town of Madbury – Zoning Ordinance - 75 feet from soils classified as very poorly drained including a wet area buffer per Article IX. 50 feet from soils classified as poorly drained including a wet area buffer per Article IX.

NHDES Wetlands Permit will be filed for Impact needed for driveway access to lot 1, Lot 2 and Lot 3 along ditched wetland drainage along Huckins Road.

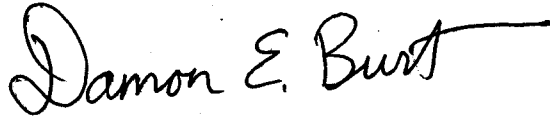
Driveways along Town of Madbury 50 Foot Wetland Buffer along poorly drained wetlands have been minimized by locating driveways away from these buffer areas to the greatest extent possible. Proposed 50 Foot Wetland Buffer impacts are listed and corresponding percentage of building lots:

- Lot 1 - 50 Foot Wetland Buffer Impact – 4490 Square Feet (0.029 % of the lot)

- Lot 2 – 50 Foot Wetland Buffer Impact – 1306 Square Feet (0.016 % of the lot)
- Lot 3 – 50 Foot Wetland Buffer Impact – 3005 Square Feet (0.031 % of the lot)

Development of these lots represents minimization of impacts to wetlands and town of Madbury 50 Foot Wetland Buffer Zone.

Sincerely,

A handwritten signature in black ink that reads "Damon E. Burt". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Damon E. Burt, CWS, CPESC
Fraggle Rock Environmental Services
NH Certified Wetland Scientist
Certified Professional in Erosion and Sediment Control