



MERIDIAN

LAND SERVICES, INC.

CIVIL ENGINEERING | LAND SURVEYING | PERMITTING | SOIL & WETLAND MAPPING | SEPTIC DESIGN | ENVIRONMENTAL

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July 6, 2022

Town of Brookline
P.O. Box 360
Brookline, NH 03033

RE: Vernal Pool Assessment, Job #03077.05, JW & RA Chrystal Revocable Trust of 1999, Main Street, Brookline, NH 03033

To Whom It May Concern:

A site visit and vernal pool assessment was completed April 18, 2022 using the "New Hampshire Vernal Pool Documentation Form" (2015) provided by New Hampshire Fish and Game Department for H-42 located off Main Street in Brookline, New Hampshire. As defined under the New Hampshire Department of Environmental Services Wetlands Bureau rules, specifically Env-Wt 104.44(b)(6), *vernal pool means a surface water or wetland, including an area intentionally created for purposed of compensatory mitigation, that provides breeding habitat for amphibians and invertebrates that have adapted to the unique environments provided by such pools and that supports one or more primary vernal pool indicators, or 3 or more secondary vernal pool indicators*. Based on the definition provided by New Hampshire Department of Environmental Services Wetlands Bureau, two vernal pools were identified and evaluated during the site visit on the basis of supporting one or more primary vernal pool indicator species.

The first vernal pool evaluated is referred to as "#1" and is depicted on the attached vernal pool map. Evidence of spotted salamander (*Ambystoma maculatum*) and wood frog (*Lithobates sylvaticus*) egg masses, primary indicator species, were found submerged on woody debris within the identified pool. No vernal pool secondary indicator species were observed the day of the assessment.

The second vernal pool evaluated is referred to as "#2" and is also depicted on the attached vernal pool map. Evidence of spotted salamander (*Ambystoma maculatum*) and wood frog (*Lithobates sylvaticus*) egg masses, vernal pool primary indicator species, were found submerged on woody debris within the identified pool. Vernal pool secondary indicator species, including caddisfly larvae, were also identified within the pool.

Please see the attached photo sheets and vernal pool documentation forms for supporting information on pool characteristics, vegetation, location, adjacent land use, and species identified within pools #1 and #2.

If you have any further questions or comments concerning this application, please call Spencer C. Tate or me at Meridian Land Services, Inc. 673-1441.

Sincerely,

Taylor Hennas

Taylor A. Hennas
Meridian Land Services, Inc.

MLS Project: 03077.05