



GOVE ENVIRONMENTAL SERVICES, INC.
AGENT

NH DES WETLANDS BUREAU
MINIMUM IMPACT
DREDGE & FILL APPLICATION
STEPHEN FEE
ALLENSTOWN
OCTOBER 2017

Prepared By

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2.0 GENERAL INFORMATION

PREPARED BY (AGENT CONTACT): Luke Hurley

2.1 PROJECT NAME, PLANS, AND MAPS

PROJECT NAME: Wetland Crossing

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|------------------|---|-------|
| SITE PLANS/MAPS: | Existing Conditions Plan | 10/16 |
| | Proposed Plan | 10/16 |
| | 8½"x11" USGS Quad Sheet Locus Map | |
| | 11x17" Overview Plan | |
| | 11x17" Wetland Impact Plan Detail | |
| | 11x17" Project Site Tax Map | |
| | 8½"x11" Plan Set Reproductions requested by the U.S. Army Corps of Engineers (NH DES Wetland Bureau application copy) | |
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2.2 TECHNICAL STANDARDS

- 2.2.1 Gove Environmental Services, Inc. delineated the wetlands during the summer of 2015, utilizing the standards of the Corps of Engineers *Wetlands Delineation Manual*¹ and the NH DES Wetlands Bureau *Code of Administrative Rules*².
- 2.2.2 Wetland flags were surveyed by Beals Associates, PLLC.
- 2.2.3 Wetlands were classified by GES utilizing the criteria of *Classification of Wetlands and Deepwater Habitats of the United States*³.
- 2.2.4 Dominant hydric soil conditions within the wetlands were identified by GES utilizing the criteria of *Field Indicators for Identifying Hydric Soils in New England*⁴.
- 2.2.5 Dominance of wetland vegetation was assessed by GES utilizing the *National List of Plant Species That Occur in Wetlands: Northeast (Region 1)*⁵.

¹ Environmental Laboratory. 2012. "Corps of Engineers Wetlands Delineation Manual: Northcentral and Northeast Region." Technical Report ERDC/EL TR-10-12.

² NH Code Admin. R. [Wt] Ch. 100-800.

³ Cowardin, L. M., 1979. *Classification of Wetlands and Deepwater Habitats in the United States*. Washington, D.C.: U.S. Department of the Interior, Fish and Wildlife Service.

⁴ National Technical Committee for Hydric Soils. 2010. "Field Indicators for Identifying Hydric Soils in New England."

⁵ Lichvar, R.W. & Kartesz, J.T. 2009. North American Digital Flora: National Wetland Plant List. 2.2.1.

2.3 SITE DESCRIPTION/WETLANDS OVERVIEW

The site is located in the central portion of Allenstown and is bordered by single-family residential lots and open wooded land. There are two wetland systems on site. One is located on the rear property line and the other on the central portion of the site. The wetland area to be impacted is dominated by red maple in the tree layer and highbush blueberry, winterberry and alder and dogwood in the shrub layer and cinnamon and sensitive fern in the shrub layer. This wetland is part of a slightly larger system to the north.

3.0 PROJECT OVERVIEW

The proposed project is for the impact of 1,060 square feet of wetland for a driveway crossing with a 12", 22' long ADS culvert. This will maintain the level of any water should it hold any during the spring melt and rains.

1985 USGS QUAD SHEET LOCUS MAP
Scale 1:24,000

EXISTING/PROPOSED CONDITIONS PLAN

PHOTOLOG OF IMPACT AREAS



1. Looking south over impact area.



2. Looking north over impact area.

Appendix I
New Hampshire Natural Heritage Inventory Inquiry

Appendix II
State Historic Preservation Office Inquiry

Appendix III

Tax Map, List of Abutters, Abutter Notification Letter, and Certified Mail Receipts

LIST OF ABUTTERS

As defined as any person who owns property immediately adjacent and contiguous to the property on which the project will take place.

Tax Map–Lot Number
Owner of Record

Subject Parcel(s)

18-L-300
Duck Pond Realty Trust
25 Pelham Road
Pelham, NH 03079

Abutter/Owner of Concern (Approx. clockwise from top of Tax Map/Composite)

