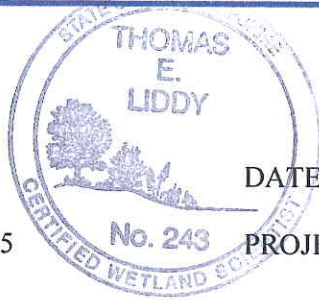




MEMORANDUM



TO: Vertex Towers, LLC
Attn: Steve Kelleher
155 South Street, Suite 205
Wrentham, MA 02093

DATE: December 16, 2020

PROJECT NUMBER: 20056

FROM: Lucas Environmental, LLC
Thomas E. Liddy, PWS, CWS #243

RE: Site # VT-NH-3012B
796 Liberty Hill Road
Henniker, NH

A New Hampshire Certified Wetland Scientist (CWS) from Lucas Environmental, LLC (LE) conducted a site investigation at 796 Liberty Hill Road (Parcel 1-65) in Henniker, New Hampshire on April 6, 2020 and again on August 27, 2020 to determine if wetland resources were present near the location of the proposed telecommunications facility easement as shown on the Permitting Plans prepared by ProTerra Design Group, LLC, dated October 30, 2020. The wetland investigation was performed in accordance with the U.S. Army Corp of Engineers (USACE) Wetland Delineation Manual (1987) Northeast and Northcentral Regional Supplement v. 2.0 (2012) and Part Env-Wt 301 – Delineation and Classification of Wetlands of the New Hampshire Code of Administrative Rules. The site investigation was limited to wetland areas within 100 feet, Shoreland waterbodies within 250 feet, and Designated Rivers within 1/4 mile of the proposed telecommunications tower, ancillary access road, and infrastructure (i.e., Study Area). The Study Area does not include the entire parcel or off-property areas. A summary of the resource areas is included in the Resource Area Summary table on the following page.

This memo summarizes jurisdictional wetlands and watercourses as well as other Resource Areas subject to protection at the local, state, and federal level. It also provides a short summary of local, state, and federal regulations related to wetlands which may impact the proposed design. Please note that this effort is specific to wetland resources; it does not evaluate constraints related to local planning or zoning requirements, nor does it evaluate the potential for soil, air, or water contamination. A summary letter or report can be prepared if permitting is required.

Wetlands and watercourses are regulated by both state and federal law each with different definitions and regulatory requirements. If work is proposed within wetland resource areas, a Jurisdictional Determination should be examined to determine if the wetlands fall within state and federal jurisdiction. If work (i.e. filling, altering, draining, clearing, excavating, dredging, etc.) is proposed within a jurisdictional wetland resource area, a permit may be required from the New Hampshire Department of Environmental Services Wetlands Bureau (NHDES) in addition to the USACE under the Clean Water Act. The extent of the impacts to wetland resource areas would need to be analyzed to determine the classification of the project (major, minor, minimum impact project, or jurisdictional projects not requiring a permit). The Permitting Plans provided to LE indicate that work is not located within jurisdictional resource areas; therefore, the project will not require a permit from the USACE or NHDES.



Wetland Summary Memorandum

The Town of Henniker regulates Wetlands under the Zoning Ordinance (Article XXII). Wetlands include “swamps, scrub, shrub and/or forested wetlands where the water table is close or near the ground surface for a significant part of the year.” The Ordinance does not establish buffer zones from the edge of wetlands. The Permitting Plans provided to LE indicate that work is not located within the Wetlands Conservation District.

Resource Area Summary				
Resource	Federal, State, or Local Agency	Check appropriate boxes below		
		Present	Absent	Notes
1. Wetlands & Waterways	USACE; NHDES (RSA 482-A) & Town of Henniker	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WFA-1 to 25; PFO WFB-100 to 104; PFO
2. Prime Wetlands	NHDES (RSA 482-A:15)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Prime wetlands not mapped near Study Area.
3. Area within ¼ Mile of a Designated River	NHDES (RSA 483)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Shoreland Water Quality Protection Act Area	NHDES (RSA 483-B)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Floodplain	Federal Emergency Management Agency (FEMA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/07/05 FEMA FIRM for Merrimack County, NH Map Number 33013C0480E Zone X
6. State-listed Rare Species (Plants & Wildlife)	NH Division of Forests and Lands Natural Heritage Bureau (NHB) & NH Fish & Game Department's Nongame & Endangered Wildlife Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No Known Occurrences NHB20-3701 Report valid through 12/15/21
7. Federally-listed Threatened or Endangered Species	U.S. Fish and Wildlife Service (USFWS) – New England Field Office	Consultation with USFWS will be completed through the National Environmental Policy Act (NEPA) Screening Review		

NHDES – NH Department of Environmental Services Wetlands Bureau



New Hampshire Natural Heritage Bureau

To: Thomas Liddy
500A Washington Street
Quincy, MA 02169

Date: 12/16/2020

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 12/16/2020
NHB File ID: NHB20-3701

Applicant: Steve Kelleher

Location: Tax Map(s)/Lot(s): 1-65
Henniker

Project Description: Construction of a telecommunications facility, and access driveway.

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 12/15/2021.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB20-3701

