



March 25, 2015

Ref: 57666.00

Mr. Misha Cetner
Vermont Department of Environmental Conservation
Lake Encroachment and Shoreland Permitting
1 National Life Drive, Main 2
Montpelier VT 05620-3522

Via Electronic Submittal

Re: TDI – New England
New England Clean Power Link Project
Castleton, Vermont
Lake Bomoseen Lake Encroachment Permit Application

Dear Misha:

On behalf of TDI-New England ("TDI-NE"), VHB has prepared the enclosed CD containing the Lake Encroachment Permit application form, narrative and supporting documents for the portion of the proposed New England Clean Power Link Project ("NECPL" or "Project"), that would be installed beneath the southern end of Lake Bomoseen ("Lake") in Castleton, Vermont via Horizontal Directional Drill ("HDD") methodology. The HDD would be staged on the US Route 4 Right of Way ("ROW").

The NECPL project is designed to transmit high voltage direct current ("HVDC") electricity with a capacity of 1,000 megawatts ("MW") from Canada to the New England electric grid. This electric transmission line is proposed to extend from the Canadian Border at Alburgh, Vermont to Ludlow, Vermont along aquatic and underground routes. The aquatic portion of the transmission line, approximately 97 miles in length, will be buried in the bed of Lake Champlain, except at water depths of greater than 150 feet where the cables will be placed on the bottom and allowed to self-bury. The overland portion of the transmission line, approximately 57 miles in length, will be buried approximately four feet underground within existing public (state and town) ROWs or on land owned by TDI-NE.

This permit application and supporting materials are being submitted in accordance with Vermont Statutes Title 29, Chapter 11 Management of Lakes and Ponds §402(3), which states that "the alteration of the lands underlying any waters, or the placement of a cable or similar structure

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beyond the shoreline is considered to be an encroachment, and is prohibited without obtaining a Lake Encroachment Permit." Therefore, this application has been prepared to demonstrate how the proposed encroachment in Lake Bomoseen will meet the applicable permitting criteria.

In addition to these materials, VHB has enclosed an application fee check in the amount of \$3,027 made payable to the State of Vermont.

Please let us know if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey A. Nelson".

Jeffrey A. Nelson, CPESC, CPSWQ
Director, Energy and Environmental Services

A handwritten signature in black ink, appearing to read "Lyda Lee".

Lyda Lee, PG
Geologist

JAN/LGL/jkw
Enclosures

cc: Billy Coster (cover letter and electronic version on CD)
Josh Bagnato (electronic version only on Netdocuments)
Bob Harrison (electronic version only on Netdocuments)
Geoff Hand (cover letter and electronic version on CD)