

VERMONT AGENCY OF NATURAL RESOURCES
STREAM ALTERATION INDIVIDUAL PERMIT APPLICATION

10 VSA, CHAPTER 41, SUBCHAPTER 2

Applicant Name Champlain VT, LLC, d/b/a TDI-New England
Mailing Address c/o Mr. Donald Jessome, General Manager
PO Box 155, Charlotte, VT 05445

Phone 802-477-3830 Cell 902-440-0664 Email donald.jessome@chvtllc.com

Project Location: Town See attached map Stream See attached map Lat _____

Nearby town highway or state route See attached map ****ATTACH MAP**** Long _____

Project Description:

Magnitude (length, volume, etc.) The overall project includes approximately 97 miles of underwater cable in Lake Champlain and approximately 57 miles overland within existing public roadway rights-of-way.

Purpose To provide electricity generated by renewable energy sources in Canada to the New England electric grid.

Construction Procedure The cable will be installed using a variety of construction methods, including open trench excavation, horizontal directional drilling, and culvert splices. See attached typical details for more information.

Erosion/Sediment/Water Control Procedure Erosion prevention and sediment control details will be applied throughout the project area. Specific stream crossing water management details are included in the attached typical details and will be applied at the stream crossings.

ATTACH 2 COPIES : layout plan, typical or surveyed cross sections, stream profile and pertinent hydraulic or hydrologic information

Consultant/Project Supervisor _____ Phone _____ Email _____

Duration of in-stream construction (anticipated) In stream work is anticipated to take one day at each crossing.

Name and addresses of landowners and/or abutters adjacent to or across the stream from the project: Signatures are necessary if you intend to work on adjacent property or if the project will directly affect the property of others. Attach extra sheet, if needed.

Name See attached list Address _____

Name _____ Address _____

Name _____ Address _____

****APPLICANT MUST FILE COPY OF THIS APPLICATION WITH TOWN CLERK AND ADJOINERS****

CERTIFICATION: I hereby certify that the information on this application is, to the best of my knowledge, true and accurate and that I have forwarded a copy of this application to the selectboard and town clerk of the town in which this project is to occur and to each landowner adjoining or across the stream from the project area as required in the Vermont Stream Alteration Rule. I recognize that by signing this application I am giving consent to employees of the State to enter the subject property for the purpose of processing this application and for ensuring the compliance with subsequent agency decisions relating to the project.

Print Full Name Donald Jessome

Signature of Applicant [Signature] Date March 5/15

NOTE: A PERMIT MAY BE REQUIRED FROM THE US ARMY CORPS OF ENGINEERS. For information contact:
US Army Corps of Engineers, VT Project Office, 8 Carmichael Street Suite 205, Essex Jct VT 05452 802-872-2893

ENCLOSE \$225.00 APPLICATION FEE PAYABLE BY CHECK OR MONEY ORDER TO THE "STATE OF VERMONT"
MUNICIPALITIES ARE EXEMPT FROM FEE

Agency Use Only
Project # SA-06-0001
Receipt Date _____



March 6, 2015



Ref: 57666.00

Mr. Jaron Borg
Vermont Department of Environmental Conservation
Watershed Management Division
1 National Life Drive, Main 2
Montpelier VT 05620-3522

Re: TDI – New England
New England Clean Power Link Project
Grand Isle, Rutland, and Windsor Counties, Vermont
Stream Alteration Individual Permit Application

Dear Jaron:

On behalf of TDI-New England ("TDI-NE"), VHB has prepared the enclosed Individual Stream Alteration Permit application, narrative, and supporting documents for the New England Clean Power Link project ("NECPL" or "Project"). 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 underwater and underground routes. In Ludlow, the line will terminate at the proposed converter station, where electricity will be converted from HVDC to alternating current ("AC"), and then extend to the existing Vermont Electric Power Company ("VELCO") 345 kV Coolidge Substation in Cavendish, Vermont, located approximately 0.3 miles to the south of the proposed converter station. The overland portion of the route will traverse through portions of one town in Grand Isle County, Vermont and thirteen towns in Rutland and Windsor Counties, within existing rights-of-way (e.g. roads, railroad). The proposed alignment would intersect a total of 52 perennial streams that would be crossed. Each of these crossings has been documented and the construction method that is proposed to be used to complete the crossing has been identified.

Because of the breadth and complexity of the Project, it is assumed that the Secretary would require coverage as an individual permit rather than authorize coverage for activities that are jurisdictional under the provisions of the General Permit. The following materials are being provided in hard copy as well as being provided on the enclosed CD ROM:

40 IDX Drive, Building 100
Suite 200
South Burlington, Vermont 05403
P 802.497.6100
F 802.495.5130

Mr. Jaron Borg
Ref: 57666.00
Page 2 of 2
March 6, 2015



- Stream Alteration Individual Permit Application
- Narrative and Supporting Materials
 - Perennial Stream Crossing Index Map and map series
 - Stream Crossing Inventory, including photographs of existing conditions at each crossing site
 - Typical construction details and draft EPSC plan sheets for proposed Open Trench Excavation crossings locations
 - List of abutters to stream crossing activities

In addition to these materials, VHB has enclosed an application fee check in the amount of \$225 made payable to the State of Vermont.

The list of project abutters adjacent to crossings of perennial streams has been prepared in accordance with the requirements of the Stream Alteration Individual Permit and has been included as Attachment 5 to the Narrative. As we discussed during our phone call on February 23, 2015, the abutter notifications have been prepared but have not been mailed, pending further discussions with the Agency of Natural Resources and the potential for a unified notification process for the project.

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 blue ink, appearing to read "Robert Wildey".

Robert Wildey, CPESC
Water Resources Consultant

JAN/RAW/jkw
Enclosures

cc: Billy Coster (cover letter and CD only)
Josh Bagnato (cover letter and CD only)
Bob Harrison (cover letter and CD only)
Andy Raubvogel (cover letter and CD only)
Galen Guerrero-Murphy (cover letter and CD only)