



DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD MA 01742-2751

August 9, 2019

Regulatory Division
CENAE-RDC-62
Permit Number: NAE-2019-01776

Mr. Tim Follensbee
Vermont Electric Power Company
366 Pinnacle Ridge Road
Rutland, Vermont 05701

Dear Mr. Follensbee:

This refers to your application dated June 27, 2019. We have completed our evaluation and wish to inform you that, under the provisions of Section 10 of the Rivers and Harbors Act of 1899, you are hereby authorized to:

Install a new All-Dielectric Self-Supporting (ADSS) aerial communications cable across the Connecticut River along the existing K149 transmission line between Weathersfield, Vermont and Claremont, New Hampshire. The line will be attached to existing structures and will be 23.2' above ordinary high water under conditions of greatest sag. The project purpose is to improve communication between substations and operational control centers, thereby increasing control of power flows on the electric grid.

This Letter of Permission (LOP) is subject to all conditions in Attachment No. 1 and is made in accordance with the plans attached hereto, in three sheets, entitled "SITE LOCATION MAP" (dated "JUNE, 2019"), "CONNECTICUT RIVER CROSSING K149 LINE, STRUCTURE 14-15" (undated) and "K149 Fiber Project Mapping" (dated "3/19/2019")

This is a limited authorization containing a stated set of conditions which must be complied with. If a contractor performs the work for you, both you and the contractor are responsible for assuring the work is done in conformance with the conditions and limitations of this authorization. Please be sure the person who will do the work has read and understands these conditions.

Performing any work not specifically authorized by this LOP, or failing to comply with its conditions, may subject you to the enforcement provisions of our regulations. If any change in the plans or construction methods is found necessary, please contact us immediately to discuss modification of your authorization. Any change must be approved before it is undertaken.

This authorization requires you to complete and return the enclosed Work Start Notification Form to this office at least two weeks before the anticipated starting date. You must also complete and return the enclosed Compliance Certification Form within one month following the completion of the authorized work and any required mitigation (but not mitigation monitoring, which requires separate submittals).


This authorization presumes that the work as described above and as shown on your plans noted above is in waters of the U.S. Should you desire to appeal our jurisdiction, please submit a request for an approved jurisdictional determination in writing to this office.

It is understood that this authorization does not give any property rights either in real estate or material, or any exclusive privileges; and it does not authorize any injury to private property or invasion of private rights, or any infringement of Federal, State or local laws or regulations, nor does it obviate the necessity of obtaining any state or local assent that may be required.

We continually strive to improve our customer service. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey

Please contact Michael S. Adams of my staff at (802) 872-2893 if you have any questions.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:


Frank J. DelGiudice
Chief, Permits & Enforcement Branch
Regulatory Division

Attachments

Copies furnished:

Mr. Scott Jensen, River Management Engineer, scott.jensen@vermont.gov

Mr. Jacob Reed, VELCO, jreed@velco.com

Mr. Tim Follensbee, VELCO, tfollensbee@velco.com

GENERAL CONDITIONS OF CORPS OF ENGINEERS LETTER OF PERMISSION

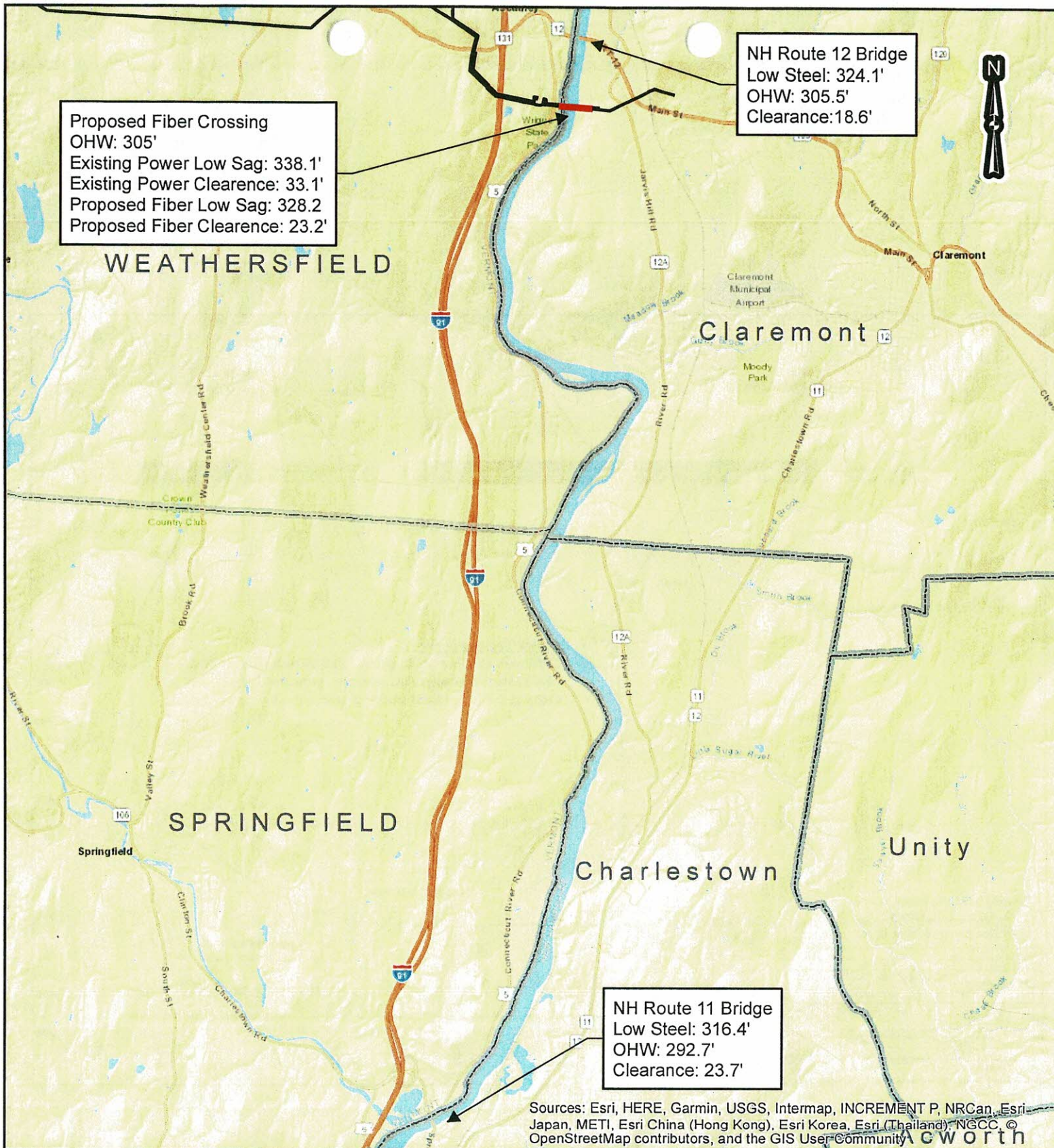
1. All work authorized must be completed within five (5) years of the date of this letter. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, the new owner must notify us that he/she is accepting the terms and conditions of this authorization and forward a copy of the permit to this office to validate the transfer of this authorization.
5. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.
6. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
7. Limits of Federal Liability. In issuing this permit, the Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work
 - e. Damage claims associated with any future modification, suspension, or revocation of this permit.

8. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest that was made in reliance on the information you provided.
9. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant circumstances that could require a reevaluation include, but are not limited to, the following:
 - a. You fail to comply with the terms and conditions of this permit.
 - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 8 above).
 - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The reference enforcement procedures provide for the issuance and an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

10. Extensions. General condition 1 established a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.
11. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
12. You must install and maintain, at your expense, any safety lights and signals prescribed by the United States Coast Guard (USCG), through regulations or otherwise, on your authorized facilities to mark the boating facility. The USCG may be reached at the following address:

Commander (oan)
U.S. Coast Guard Sector Northern New England
256 High Street
South Portland, ME 04106-0007



SITE LOCATION MAP
K-149 CONNECTICUT RIVER FIBER CROSSING
WEATHERSFIELD, VT AND CLAREMONT, NH

JUNE, 2019



- Proposed Fiber Crossing
- Existing Transmission Line
- Town Boundaries



K149 ROW

TOWN OF
WEATHERSFIELD, VT

CONNECTICUT
RIVER

TOWN OF
CLAREMONT, NH

GHW

North

325.0 ft.

Horiz. Scale

50.0 ft.

Vert. Scale

K149
14

General Crossing Details

115kV wire elev. low point, pre-Str. 14 & 15 replacement: 329.9'

Fiber cable (no voltage) elev. low point, proposed design: 330.8'

Crossing design increases clearance over water by approx. 1 ft.

K149
15

1650

Existing Conductor

PROPOSED
ADSS CONDUCTOR

EXISTING GROUND LINE

O.H.W @
305' FT

1000

1200

1400

1600

1800

2000

2200

2400

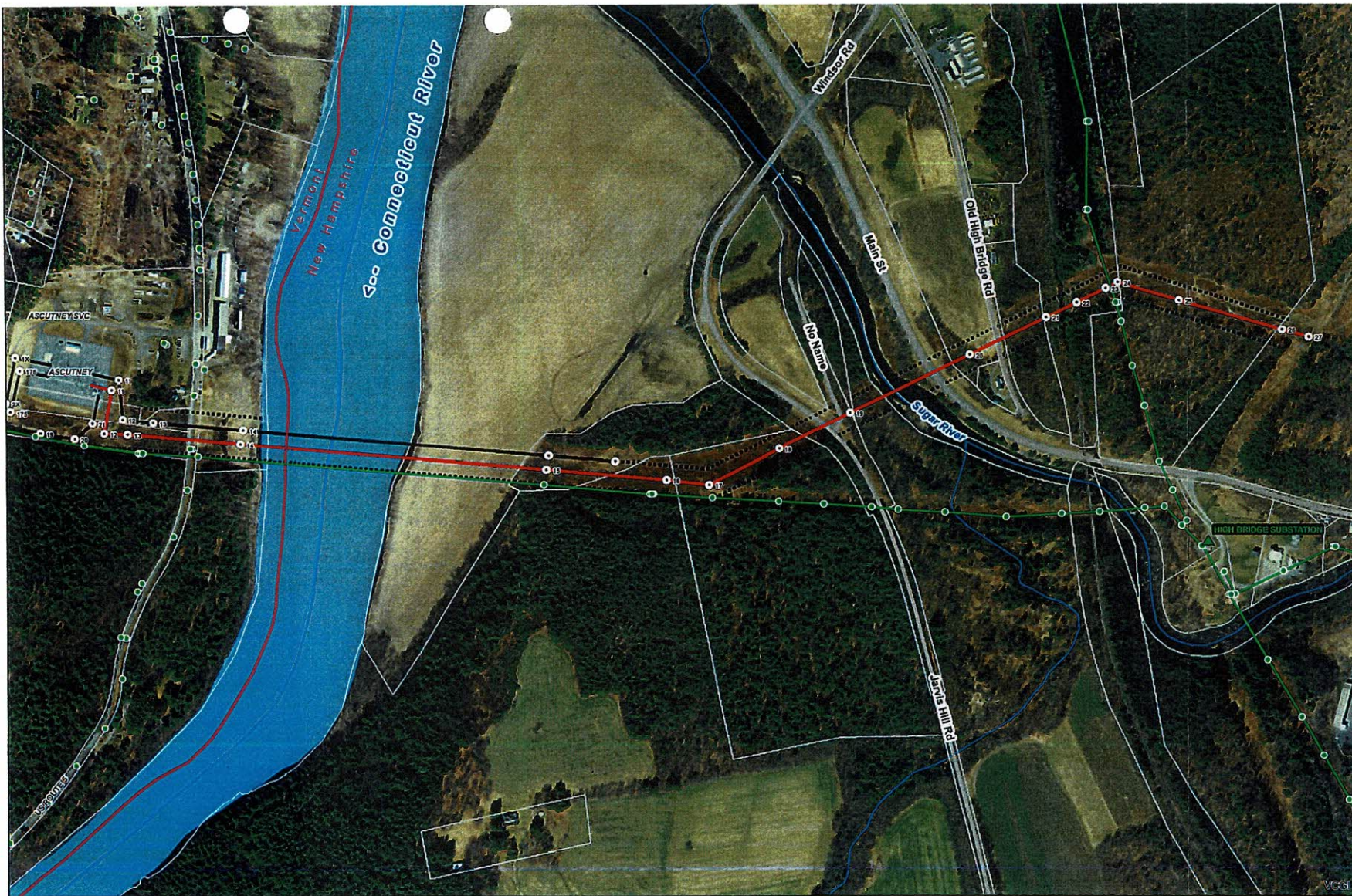
2600

2800

480
460
440
420
400
380
360
340
320
300
280

Crossing Design Info Shown Here
for Permitting Uses/BMc 5-21-19
OHW Elev. per VELCO Env. Dept.

REV	DATE	DR	CK	DESCRIPTION
1				VELCO VERMONT ELECTRIC POWER CO., INC. RUTLAND, VERMONT ADSS FIBER PROJECT CONNECTICUT RIVER CROSSING K149 LINE, STRUCTURE 14-15
SCALE:	DRAWN BY:	APPROVED BY:	DATE:	
CHECKED:			2	
DRAWING NUMBER:			REV.	
PLOT: 1=1				



- Existing VELCO Transmission Line
- Proposed Fiber Along Ex. K149 Line
- ⊙ Existing VELCO Structures
- ▲ Existing GMP Substation
- Existing GMP Pole
- Existing GMP Sub-Transmission Line
- Edge of ROW
- Stream
- Surface Water
- Roads
- State Line
- Parcel Boundaries

K149 Fiber Project Mapping

Weathersfield, Vermont to
Claremont, New Hampshire

PROPRIETARY
This document is the property of
Vermont Electric Power Company, Inc.
and contains proprietary and confidential information
which must not be duplicated, used or disclosed other
than as expressly authorized by
Vermont Electric Power Company, Inc.
3/19/2019

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**US Army Corps
of Engineers®**
New England District

WORK START NOTIFICATION FORM

* EMAIL TO: michael.s.adams@usace.army.mil *
* or *
* MAIL TO: U.S. Army Corps of Engineers, New England District *
* Vermont Project Office *
* 11 Lincoln Street, Room 210 *
* Essex Junction, Vermont 05452 *

Corps of Engineers File No. NAE-2019-01776 was issued to Vermont Electric Power Company and VT Transco, LLC. The permit authorized the permittee to install a new All-Dielectric Self-Supporting (ADSS) aerial communications cable across the Connecticut River along the existing K149 transmission line between Weathersfield, Vermont and Claremont, New Hampshire.

The people (e.g., contractor) listed below will do the work, and they understand the permit's conditions and limitations.

PLEASE PRINT OR TYPE

Name of Contractor/Firm: _____

Business Address: _____

Telephone Numbers: (____) _____ (____) _____

Proposed Work Dates: Start _____ Finish _____

Permittee's Signature: _____ **Date:** _____

Printed Name: _____ **Title:** _____

FOR USE BY THE CORPS OF ENGINEERS

PM: Michael S. Adams

Submittals Required: No

Inspection Recommendation: _____

(Minimum Notice: Permittee must sign and return notification within one month of the completion of work.)

USACE File Number: NAE-2019-01776

Verification Date: August 9, 2019

Please sign this certification and return it to the following address upon completion of the activity and any mitigation required by the permit. You must submit this after the mitigation is complete, but not the mitigation monitoring, which requires separate submittals.

* EMAIL TO: michael.s.adams@usace.army.mil *

* or *

* MAIL TO: U.S. Army Corps of Engineers, New England District *

* Vermont Project Office *

* 11 Lincoln Street, Room 210 *

* Essex Junction, Vermont 05452 *

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced permit was completed in accordance with the terms and conditions of the above referenced permit, and any required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date _____

Printed Name _____

Date of Work Completion

Telephone Number