



***Via Certified Mail***

October 14, 2015

Town of Lancaster  
25 Main St  
Lancaster, NH 03584

**Re: Shoreland Permit Application – The Northern Pass Project**

Dear Sir or Madam:

Enclosed please find a copy of the Shoreland Permit Application package that will be filed with the NH Department of Environmental Services (DES) and New Hampshire Site Evaluation Committee for the Northern Pass Project. The project includes work in or around rivers, lakes, streams ponds, etc. Under state law, it is a requirement to provide the municipalities and Local River Advisory Committees having jurisdiction over these waterbodies with a copy of the shoreland application by Certified mail, for review and comment. Please find attached a copy of the application, which proposes work within the protected shoreland of a public water or Designated River in your regulatory area.

Sincerely,

A handwritten signature in blue ink that reads "Lee E. Carbonneau".

Lee Carbonneau

Normandeau Associates, Inc.

As agent for Northern Pass Transmission, LLC.

# Shoreland Permit Application Northern Pass Israel River, Lancaster, NH

Prepared for  
Northern Pass Transmission, LLC and  
Public Service Company of New Hampshire  
d/b/a Eversource Energy  
Energy Park  
780 Commercial Street  
Manchester, NH 03101

October 2015

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## DISCLOSURE STATEMENT

*The data contained in all pages of this document have been submitted in confidence and contain trade secrets and/or privileged or confidential information, and such data shall be used or disclosed only for evaluation purposes, provided that if a contract is awarded to this proposer as a result of or in connection with the submission of this proposal, the client shall have the right to use or disclose the data herein to the extent provided in the contract. This document includes data that shall not be disclosed outside of the purposes of this submittal and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than for evaluation purposes.*

## 1.0 Shoreland Permit Application

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Israel River



# SHORELAND PERMIT APPLICATION

Water Division/ Shoreland Program  
Land Resources Management

Check the status of your application: <http://des.nh.gov/onestop>

RSA/Rule: RSA 483-B, Env-Wq 1400

Administrative Use Only	Administrative Use Only	Administrative Use Only	File Number:
			Check No.
			Amount:
			Initials:

This is an application for a permit to excavate, fill or construct new structures within the protected shoreland as regulated under RSA 483-B. For a complete list of activities that do not require a shoreland permit, view the shoreland program [frequently asked questions](#) (FAQ's)

Please type or print clearly. **Please note:** Application packages missing required elements will be returned to the applicant in their entirety, including the fee. Land Resources Management will include a letter identifying the missing elements and describing how to resubmit the application package to DES. Application packages that are accepted will proceed to technical review to ensure the applicant has fulfilled all requirements as specified by statute or rules. For more information visit the [New Land Resources Management Application Return Process](#) site located on the Shoreland Program Page.

## 1. PROPERTY OWNER

LAST NAME, FIRST NAME, M.I.: Public Service Co. of NH d/b/a Eversource Energy (PSNH), c/o Kevin McCune, Supervisor, Environmental Affairs Licensing and Permitting

ADDRESS: 780 Commercial Street

TOWN/CITY: Manchester

STATE: NH

ZIPCODE: 03101

PHONE: 603-669-4000

EMAIL: Kevin.mccune@eversource.com

## 2. PROJECT LOCATION

ADDRESS: Between Route 2 and North Road

TOWN/CITY: Lancaster

STATE: NH

ZIPCODE: 03584

WATERBODY NAME: Israel River

TAX MAP: R11

LOT NUMBER: 76

## 3. CONTRACTOR OR AGENT

LAST NAME, FIRST NAME, M.I.: Carbonneau, Lee E.

ADDRESS: 25 Nashua Rd

TOWN/CITY: Bedford

STATE: NH

ZIPCODE: 03110

PHONE: 603-637-1150

EMAIL: lcarbonneau@normandeau.com

## 4. CRITERIA

Please check at least one of the following below:

- ☒ This shoreland permit application requires neither a proposal to make the property more nearly conforming nor a request for a waiver of a minimum standards.
- ☐ This shoreland permit application includes a proposal to make the structures and/ or the property more nearly conforming in accordance with RSA 483-B:11
- ☐ This shoreland permit application includes a request for a waiver of the following minimum standard(s)

## 5. PROJECT DESCRIPTION

Total Square feet of impact 39,379 Total square feet of new impervious area 134

[shoreland@des.nh.gov](mailto:shoreland@des.nh.gov) or (603) 271-2147

NHDES Wetlands Bureau, PO Box 95, Concord, NH 03303-0095

[www.des.nh.gov](http://www.des.nh.gov)

Provide a complete description of the proposed project. **A new high voltage transmission line will be constructed in an existing transmission ROW, and existing transmission and distribution lines will be relocated. The Lancaster Project area includes one Shoreland location along the Israel River. Work in the Shoreland includes installation of two new monopole structures; and the removal and relocation of two existing transmission structures within the shoreland, as shown in the project plans. Temporary construction access paths and work pads will be established, and these work areas will be restored after construction. In addition, 9,700 square feet of tree clearing is planned within the existing ROW.**

#### 6. PERMIT APPLICATIONS SUBMITTED

Please indicate if applications for any of the permits listed below have been submitted or will need to be submitted:

- ☒ Wetlands Permit per RSA 482-A ☐ Individual Sewage Disposal System per RSA 485-A:29  
☒ Alteration of Terrain Permit Per RSA 485-A:17 ☐ Subdivision Permit Per RSA 485-A:29

#### 7. REFERENCE LINE ELEVATION (REQUIRED FOR LAKES, PONDS, AND ARTIFICIAL IMPOUNDMENTS)

Reference line elevations for most lakes, ponds and artificial impoundments greater than 10 acres in size are listed in the [Consolidated List of Waterbodies Subject to the Shoreland Water Quality Protection Act](#). Please see RSA 483-B:4, xvii for the definition of reference line.

**The reference line for this waterbody is:** 918-922 Feet

#### 8. SHORELAND FRONTAGE Shoreland frontage is the actual frontage along the waterfront measured at the reference line.

**The shoreland frontage on this lot is :** 667 Linear Feet

☐ N/A – No Direct frontage on this lot

#### 9. APPLICATION FEE

A non-refundable permit application fee of \$100 plus \$0.10 per total square foot of is required at the time the application is submitted. Fees are capped at \$750 for projects impacting less than 10,000 sq ft, \$1,875 for projects impacting between 10,000 and less than 25,000 sq ft, and \$3,750 for projects impacting 25,000 sq ft and greater. Please note that your application will not be considered complete if it does not include the appropriate fee. **Please make checks payable to the Treasurer, State of NH.**

#### 10. CALCULATING THE TOTAL IMPACT AREA AND PERMIT APPLICATION FEE

Total impact area is calculated by determining the sum of all areas disturbed by regrading, excavation, filling, construction, and structure removal. Impacts often include, but are not limited to: constructing new driveways, constructing new structures, areas disturbed when installing a new septic system or foundation, creating temporary access roads for the purpose of installing a well and regrading associated with landscaping activities.

Total Area Impacted within 250 Of the Reference Line. = 39,379 (A) Square Feet

Multiply the total Impact Area By 10¢ and add \$100.00. [ (A) X .10 + \$100.00 ] = \$Exempt per 483-B:5-b III Permit Fee

#### 11. REQUIRED CERTIFICATIONS

By initialing within the blank before each of the following statements, and signing below, you are certifying that: to the best of my knowledge, the information provided is true, complete and not misleading.

- ☒ I understand that any permit or waiver granted based on false, incomplete, or misleading information shall be subject to revocation.
- ☒ I am aware that obtaining a shoreland permit will not exempt the work I am proposing from other state, local or federal approvals.
- ☒ I have notified the municipality or municipalities in which the proposed impacts are located and provided them with a complete copy of the application and all supporting materials on   /  /   via certified mail.
- ☒ ☐ This project is within ¼ mi of a [designated river](#) (river name:) and I have notified the [Local River Management Advisory Committee](#) by providing them with a copy of the complete application, including all supporting materials, via certified mail on day: 16 month: 10 year: 2015 and I have included a copy of the certified mail receipt in the application submittal (RSA 482-A:3,i(d)(2))
- ☒ This project is **not** within ¼ mi of a designated river

N/A I have notified all abutters of the proposed impacts via certified mail as required by RSA 483-B:5-b, iv-a. (see definition of "abutter" on page (6)). **Exempt per RSA-483-B:5-b, IV (A)**

## 12. SIGNATURES (Both must sign per Env-Wq 1406.08)

OWNER NAME	See attached signature page	PRINT NAME LEGIBLY: Kevin McCune, PSNH d/b/a Eversource Energy	DATE: <input type="text"/>
APPLICANT NAME	See attached signature page	PRINT NAME LEGIBLY: Kevin McCune, PSNH d/b/a Eversource Energy Northern Pass LLC, c/o Robert P. Clarke, Project Director	DATE: <input type="text"/>

Please mail this application and all other attachments to the Department of Environmental Services Wetlands Bureau, PO Box 95, Concord NH 03302-0095. Missing information will delay processing of your application and may result in denial of a Shoreland Permit.

# SHORELAND APPLICATION WORKSHEET

This form must be submitted to the Department of Environmental Services Wetlands Bureau accompanied with a Shoreland Permit Application. [Instructions for completing this form](#) are available on the shoreland program web page.

For the purposes of this worksheet, "**Pre-Construction**" impervious surface areas<sup>1</sup> means all human made impervious surfaces<sup>2</sup> currently in existence on the property, whether to be removed or to remain after the project is completed. "**Post-Construction**" impervious area means all impervious surfaces that will exist on the property upon completion of the project, including both new and any remaining pre-existing impervious surfaces. All answers shall be given in square feet.

CALCULATING THE IMPERVIOUS AREA WITHIN 250 FEET OF THE REFERENCE LINE			
	STRUCTURE DESCRIPTION	PRE-CONSTRUCTION IMPERVIOUS AREA	POST-CONSTRUCTION IMPERVIOUS AREA
<b>PRIMARY STRUCTURE</b> Include all <u>attached</u> decks and porches.	<u>Transmission structure foundations</u>	<u>21</u> FT <sup>2</sup>	<u>134</u> FT <sup>2</sup>
<b>ACCESSORY STRUCTURES</b> All other impervious surfaces excluding lawn furniture, well heads, and fences.	_____	_____ FT <sup>2</sup>	_____ FT <sup>2</sup>
Common accessory structures include, but are not limited to: driveways, walkways, patios and sheds.	_____	_____ FT <sup>2</sup>	_____ FT <sup>2</sup>
	_____	_____ FT <sup>2</sup>	_____ FT <sup>2</sup>
	_____	_____ FT <sup>2</sup>	_____ FT <sup>2</sup>
	_____	_____ FT <sup>2</sup>	_____ FT <sup>2</sup>

<sup>1</sup> "**Impervious surface area**" as defined in Env-Wq 1402.15 means, for purposes of the impervious surface limitation specified in RSA 483-B:9, V(g), the sum total of the footprint of each impervious surface that is located within the protected shoreland.

<sup>2</sup> "**Impervious Surface**" as defined in RSA 483-B:4, VII-b means any modified surface that cannot effectively absorb or infiltrate water. Examples of impervious surfaces include, but are not limited to, roofs, and unless designed to effectively absorb or infiltrate water, decks, patios, and paved, gravel, or crushed stone driveways, parking areas, and walkways.

	_____	_____ FT <sup>2</sup>	_____ FT <sup>2</sup>
	<b>TOTAL:</b>	<b>(A) 21 FT<sup>2</sup></b>	<b>(B) 134 FT<sup>2</sup></b>
Area of the lot located within 250 ft of reference line:			<b>(C) 182,628 FT<sup>2</sup></b>
Percentage of lot covered by pre-construction impervious area within 250 ft of the reference line: <i>[divide (a) by (c) x 100]</i>			<b>(D) 0.01 %</b>
Percentage of lot to be covered by post-construction impervious area within 250 ft of the reference line upon completion of the project: <i>[divide (b) by (c) x 100]</i>			<b>(E) 0.07 %</b>

## IMPERVIOUS AREA THRESHOLDS

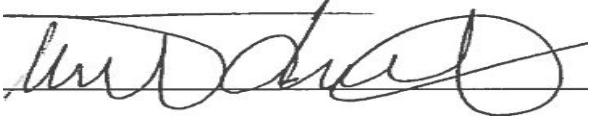
DETERMINING IF A STORMWATER MANAGEMENT PLAN IS REQUIRED
<input checked="" type="checkbox"/> This project does not require a stormwater management plan because the proposed post-construction impervious area ( <b>Calculation E</b> ) is less than or equal to 20%.
<input type="checkbox"/> This project requires a stormwater management plan because the proposed post-construction impervious area ( <b>Calculation E</b> ) is greater than 20%, but not greater than 30%.  See details on the <i>Checklist of Required Items</i> on page 6
<input type="checkbox"/> This project requires a stormwater management plan designed and certified by a professional engineer because the post-construction impervious area ( <b>Calculation E</b> ) is greater than 30%; and  All waterfront buffer grid segment must meet at least the minimum required tree and sapling point score.  See details on the <i>Checklist of Required Items</i> on page 6

## UNALTERED STATE REQUIREMENT

CALCULATING THE AREA TO REMAIN IN AN UNALTERED STATE	
Total area of the lot between 50 ft and 150 ft of the reference line within which the vegetation currently exists in an unaltered state <sup>3</sup> ( <b>see definition below</b> ). If this area is completely altered, place a zero on line (F) and (I) and proceed to (J).	(F) _____
Total area of the lot between 50 ft and 150 ft from the reference line	(G) _____

<sup>3</sup> “**Unaltered State**” means native vegetation allowed to grow without cutting, limbing, trimming, pruning, mowing, or other similar activities except as needed for renewal or to maintain or improve plant health.



At least 25 percent of the vegetation within area <b>(G)</b> must remain in an unaltered state. [.25 x G]	(H) _____
Place the smaller of line <b>(F)</b> and calculation <b>(H)</b> on this line. In order to remain compliant with RSA 483-B:9, V(b), this is the minimum area that must remain in an unaltered state between 50 ft and 150 ft from the reference line. This area must be represented on all plans.	(I) <u>0*</u>
Name of person who prepared this worksheet:	(J) <u>Tracy Coolidge</u>
Name and date of the plan this worksheet is based upon:	(K) <u>NHDES Shoreland Permit Application Plans Israel River Lancaster, NH 9/8/2015</u>
SIGNATURE: 	DATE: 10/13/2015

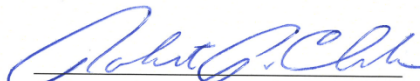
**\*Unaltered State-**

**Vegetation in a public utility right-of-way must be maintained/ mowed regularly for safety and operational purposes. There will generally be little or no land in an unaltered state within an active transmission corridor, and therefore no calculations for this metric were performed. Furthermore, RSA 483-B:9 IV-b. states "Public utility lines and associated structures and facilities, public roads, and public water access facilities including boat ramps shall be permitted by the commissioner as necessary and consistent with the purposes of this chapter and other state law." In addition, RSA 483-B:2 XVI provides for economic development in proximity to waters.**

**Block 12. Signatories for NH Department of Environmental Services Shoreland Permit Applications**

**Applicant**

1. Eversource Energy Service Corporation, as duly authorized agent for  
Northern Pass Transmission LLC  
Robert P. Clarke  
Director, Transmission Business Operations  
780 North Commercial Street  
Manchester, NH 03101  
Tel: 781-441-8057  
[Robert.Clarke@eversource.com](mailto:Robert.Clarke@eversource.com)

  
By Robert P. Clarke, duly authorized

**Owner and Applicant**

2. Eversource Energy Service Corporation, as duly authorized agent for  
Public Service Company of New Hampshire d/b/a Eversource Energy  
Kevin F. McCune  
Supervisor, Environmental Affairs Licensing and Permitting  
780 North Commercial Street  
Manchester, NH 03101  
Phone: 339-987-7020  
[Kevin.mccune@eversource.com](mailto:Kevin.mccune@eversource.com)

  
By Kevin F. McCune, duly authorized

## 2.0 Copy of Check for Application Fee

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**N/A, per RSA 483-B:5-b-III. Construction of public roads, public utility lines and associated structures and facilities, and public water access facilities shall be exempt from the permitting fees of paragraph I and the abutter notification requirements of paragraph IV-a.**

## 3.0 Project Specific Work within the Protected Shoreland

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The Northern Pass project area extends from the international border of Canada and the United States in Pittsburg, New Hampshire to Londonderry, New Hampshire. The Project will require work within the 250 foot protected shoreland of multiple waterbodies. This application includes information related to the work within an existing transmission ROW that intersects the Protected Shoreland of the Israel River in Lancaster, NH.

The Project seeks to take advantage of existing transmission and road ROW in order to minimize environmental and other impacts. There are areas within the existing ROW where vegetation is greater than 20 feet tall, or tree branches have extended into the cleared ROW. This vegetation must be cut or trimmed for construction and line clearance reasons as well as where existing electric lines must be relocated. In these areas, the existing 115 kV transmission lines and 34.5 kV distribution lines will be relocated within the ROW to create room for new Project infrastructure.

Unless there are clearance or other safety issues, the proposed temporary access roads will follow existing access roads or ATV paths currently in the ROW, and will cross wetlands and small streams at their current locations. On average, temporary access roads will be about 16 feet in width at the surface, but may be up to 20 feet wide at the base, if temporary grading or fill is needed. Access roads in upland areas are proposed to remain in use until the end of Project construction. Construction work pads may require grading and/or gravel fill so they provide a level surface for construction equipment, such as cranes. Construction pads will be restored and revegetated after work is complete.

The Project proposes to use lattice steel, tubular steel monopole and tubular steel H-Frame (AC line) structures (Appendix I). These structures will range in height from roughly 50 to 155 feet. Average heights vary from approximately 80 to 130 feet. The lattice steel configuration will have an approximate base dimension of 30 feet by 30 feet, tapering to a six foot by five foot column half way up the structure. Lattice structures will be anchored to four concrete foundations at the corners of the base, approximately three to five feet in diameter. Tubular steel monopole configurations will be around five to ten feet in diameter at the base, tapering to approximately one to two feet in diameter at the top. These structures will be anchored to concrete foundations approximately seven to twelve feet in diameter. During the detailed design process, other foundation designs might be considered based on their capacity to improve constructability, reduce environmental impacts or achieve other benefits.

### 3.1 Israel River

The Israel River is located in Lancaster, NH and is within the N2 overhead section of the Project. The Israel River is a fifth order river (classified as R2UB1) with an unconsolidated bottom composed of cobble and gravel and at the Shoreland crossing the River is approximately 70 feet wide. The shoreland crossing takes place on the 102 acre parcel owned by Bruce and Robin Savage.

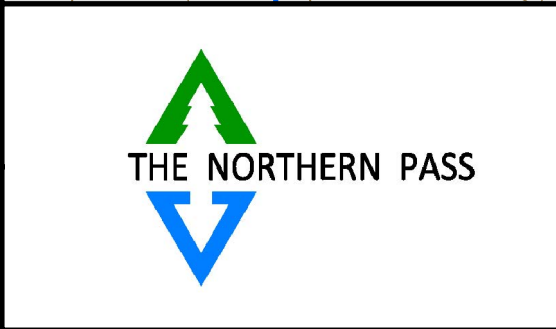
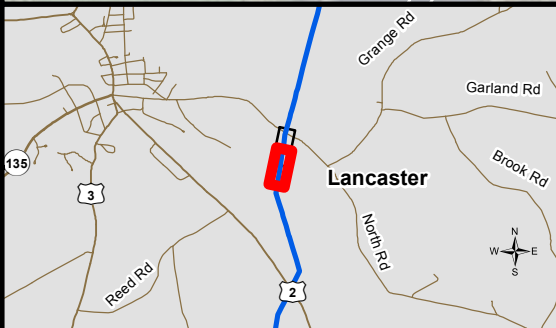
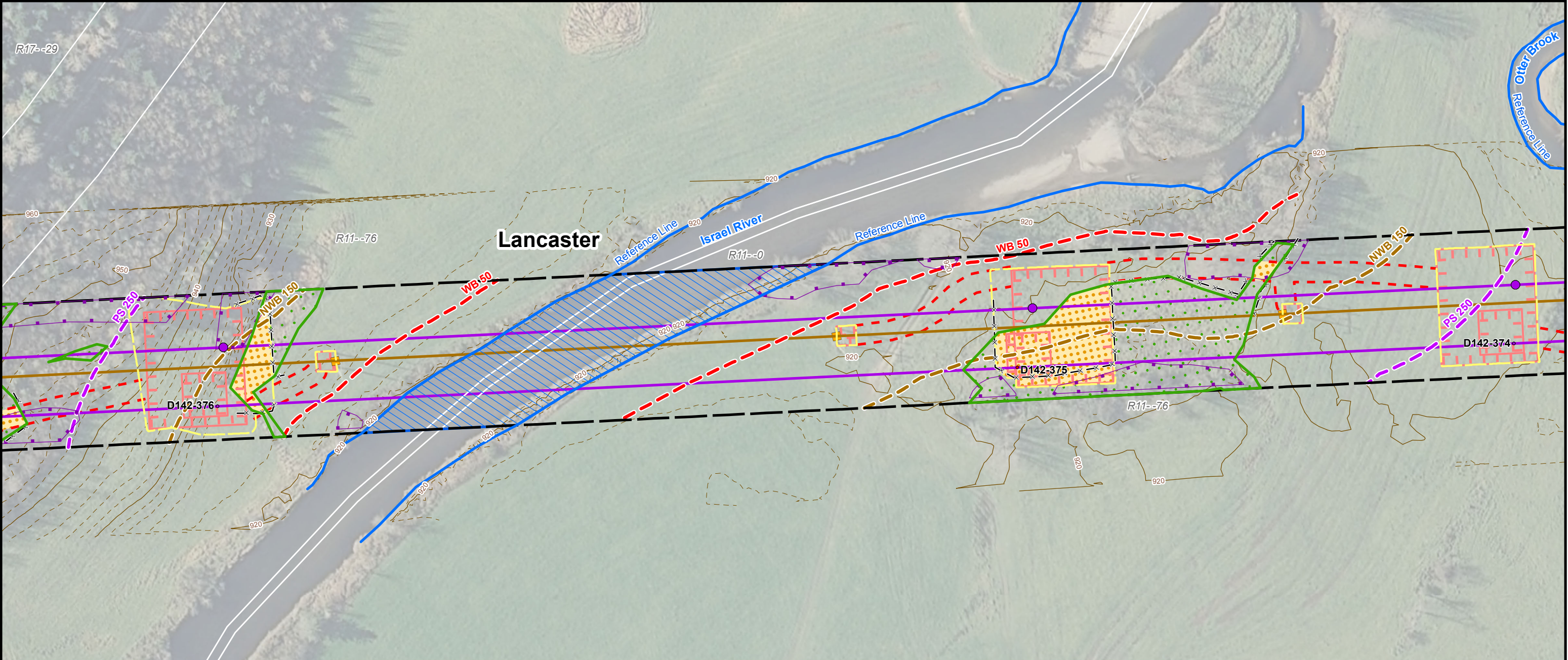
The land in the vicinity of the crossing is primarily hayfield and pasture. Permanent impacts will result from the installation of two new monopole structures and two relocated monopole structures within 250 feet of the Israel River as shown in the project plans (Attachment A). Additionally, two existing transmission structures (single poles) that are currently located in the shoreland buffer will be removed at this site. Temporary impacts will result from construction vehicle access roads and several construction pads. In addition, 9,700 square feet of tree clearing is planned for both shores at this crossing. Erosion control will be installed on both shores of the River at this shoreland crossing to prevent impacts. For all work within the Shoreland Buffer, tree stumps will be left in place except where structure excavation is needed, and shrub and herbaceous vegetation will be left undisturbed wherever possible. The NH Natural heritage Bureau identified one element occurrence within a half mile of the protected shoreland at this crossing. East of the established right of way, the Natural Heritage Bureau identified the S3, state species of special concern, *Glyptemys insculpta* (Wood Turtle) within a half mile of the Protected Shoreland Buffer of Otter Brook and the Israel River. As the habitat in the project area is suitable for wood turtles, Northern Pass will continue consulting with NH F&G to develop BMPs and environmental monitors to insure that impacts to wood turtles do not occur during construction. No long-term effects on wood turtles or their habitat are expected.

Lancaster Israel River Site 1	0'-50' Waterfront Buffer	50'-150' Natural Woodland Buffer	150'-250' Shoreland Buffer	Total Impacts at Shoreland Crossing
<b>Temporary Impacts</b>	0 sq. ft. construction pad	20,793 sq. ft. construction pads, removal of structures, access roads	18,453 sq. ft. construction pad, access road	39,245 sq. ft. construction pads, access roads, removal of 1 structure
<b>Permanent Impacts</b>	0 sq. ft.	71 sq. ft. 1 monopole(south), 2 relocated monopoles	64 sq. ft. 1 monopole	134 sq. ft. 2 relocated monopole structures, 2 new monopole structures
<b>Pre-Construction Impervious Surface Area</b>	0 sq. ft.	21 sq. ft.	0 sq. ft.	21 sq. ft.
<b>Post-Construction Impervious Surface Area</b>	0 sq. ft.	71 sq. ft.	64 sq. ft.	134 sq. ft.

## ■ Appendix A Plans

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**Existing Conditions**

- Existing Structure
- Existing Structure to be Removed
- Existing Transmission Line
- Existing Transmission Line to be Removed
- Delimited Wetlands
- Tax Parcels
- Existing Right of Way
- 10' Index Contour
- 2' Interval Contour

**Stream Centerlines**

- Perennial
- Intermittent
- Ephemeral

**Delimited Waterbodies**

- Perennial
- Intermittent
- Ephemeral
- Local Setbacks

**Proposed Conditions**

- Proposed Structure - No Shoreland Impact
- Proposed Structure - Shoreland Impact
- Proposed Transmission Line
- Proposed New Right of Way
- Off ROW and UG Reporting Extents
- Temporary Construction Pad
- Station LODs
- Existing Access Route
- New Access Route

- Temporary Wetlands Matting (16'x 16')
- Erosion and Sedimentation Control BMPs
- Erosion and Sedimentation Control BMPs (Steep Slope)
- Temporary Limit of Disturbance - Construction Pad
- Limits of Permanent Vegetation Clearing
- UG Splice Vaults
- Trenched UG
- Trenchless UG

1 inch equals 100 feet when printed at 11" x 17"

0 25 50 100 Feet

NHDES Shoreland Permit Application Plans					
SWQPA Areas	Extent of Clearing (sq. ft.)	Construction Impacts (sq. ft.)		Impervious Surface (sq. ft.)	
	Clearing in Upland	Temporary	Permanent	Pre-Construction	Post - Construction
Waterfront Buffer (50')	2,872	0	0	0	0
Natural Woodland Buffer (150')	3,493	20,793	71	21	71
Protected Shoreland (250')	3,335	18,453	64	0	64
Total	9,700	39,245	134	21	134
May not sum to total due to rounding					
THE NORTHERN PASS PROPOSED ROUTE			Israel River, Lancaster		
Date: 9/8/2015	DRAWN: LD				Page 01

Source: NHDOT 2010 and 2011 Aerials; New Hampshire GRANIT GIS Data; Coler & Colantonio; Normandeau; Burns & McDonnell.

## ■ Appendix B Property Deeds

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Per recommendation of the NH Department of Environmental Services Shoreland Bureau, legal documents associated with easements and other property rights, including deeds, are being submitted separately via CD to NHDES. NPT will install underground transmission facilities pursuant to authority provided under RSA 231:160, et seq. for use of public highways for various utility purposes.



Attorney Client Communication  
Privileged and Confidential



**NORTHERN PASS TRANSMISSION PROJECT  
EASEMENT ABSTRACT FORM**

**General Information:**

Document Number: EAA 1210 Existing Line Number: D-142  
Mile Sheet Number: 8 & 9 PSNH Easement Form Ref ID: \_\_\_\_\_  
Other: \_\_\_\_\_  
Grantor: Edward R. Merrow  
Grantee: Public Service Company Of New Hampshire  
Town/City & County: Lancaster County: Coos  
Easement, Fee or Taking (Choose One): EASEMENT  
Easement Configuration:  
☒ A. Constant Width 150 Ft  
☒ B. Metes & Bounds  
☐ C. Other

Additional Comments: 2 parcels 1st "Said 150' strip of land across the above described premises shall extend 75' westerly and 75' easterly of a line bounded and described as follows:"

2nd Easterly by brook 50'+-; northwesterly 100'+-; northeasterly 1450'+- to POB

Date of Instrument Execution: 7/29/1947 Book: 359 Page: 299

**Joint Use Agreement:** NO (YES/NO)

Doc. Num: \_\_\_\_\_ Date of Instrument Execution: \_\_\_\_\_ Book: \_\_\_\_\_ Page: \_\_\_\_\_  
Brief Description: \_\_\_\_\_

**Reference Document:** NO (YES/NO)

Document(s) Referenced: \_\_\_\_\_  
Additional Comments: \_\_\_\_\_

**Applicable Rights:**

1. **Overhead Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
2. **Underground Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: Not Expressly Prohibited
3. **Communication Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: Not Expressly Prohibited
4. **Rights to Relocate or Rebuild Poles/Lines Within Easement Area:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
5. **Rights to Install Suitable Foundations for the Support of Structures:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_



NPT Easement Abstract

6. **Structures/Obstructions and/or Encroachments Prohibited in Easement:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: Right to Remove
7. **Right to Remove Structures/Obstructions and/or Encroachments in Easement:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
8. **Express Rights of Access Across Grantors Remaining Lands (Off Easement):** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
9. **Rights to Install Access Roads Within Easement Area:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: Not Expressly Allowed, but general access within the easement is implied
10. **Guy Wires/Support Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
11. **Chemical Spray Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
12. **Tree Trimming Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
☒ A. Within Easement  
☒ B. Outside Easement (danger to facilities)  
☒ C. Wood Belongs to Property Owner  
☐ D. Wood Belongs to PSNH  
Additional Comments: "All wood and timber to remain property of grantor."
13. **Right to Prohibit Grading or Excavation:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
14. **Assignable:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: "...its successors and assigns forever."

**Applicable Limitations:**

1. **Number of Overhead and Underground Line Limitations:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
\_\_\_\_ Wood or Steel Poles  
\_\_\_\_ ☐ AND/ ☐ OR (check one) Towers  
\_\_\_\_ ☐ AND/ ☐ OR (check one) Underground  
Additional Comments: \_\_\_\_\_
2. **Voltage and or Limits Classification:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
3. **Height Elevation Limits:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
4. **Wires Only/No Structures:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_



NPT Easement Abstract

5. **Crop Damage Liability:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_
6. **Reserved Grantor Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
 If yes see Additional Easement Rights/Limitations below.
7. **Time Limitation:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_

**Comments/Remarks:**

**Additional Easement Rights/Limitations:** "All wood and timber to remain property of grantor."

**Property Comments:** \_\_\_\_\_

**Created By (C&C):** WFR 8/27/2010

**Checked By (C&C):** GMN 12/20/2010

**Legal Reviewed By:** \_\_\_\_\_

**Approved By (NPT):** \_\_\_\_\_

EAA-1210

## KNOW ALL MEN BY THESE PRESENTS

That ..... Edward R. Marrow, widower .....  
 of ..... Lancaster ..... County of ..... Coos .....  
 in the State of New Hampshire .....  
 (hereinafter called the grantor) in consideration of one dollar and other valuable considerations paid by the Public Service Company of New Hampshire, a corporation having a principal place of business at Manchester, in the County of Hillsborough, and the State of New Hampshire (hereinafter called the grantee), the receipt whereof is hereby acknowledged, do hereby give, grant, bargain, sell and convey unto the grantee, its successors and assigns, the right to erect, repair, maintain, rebuild, operate and patrol electric transmission and distribution lines, consisting of suitable and sufficient poles and towers, with suitable foundations, together with wires strung upon and extending between the same, for the transmission of electric current, together with all necessary cross-arms, braces, anchors, wires and guys, over and across a strip of land 150 feet or <sup>less</sup> feet in width being a part of the lands owned by the grantor in the town of .... Lancaster ..... and county of ..... Coos ..... , bounded and described as follows:

125 acres bounded on the north and west by lands of William J. Munn  
 and on the south and east by lands of Horace Manseau.

Being a part of the same premises described in deed of ..... Harry P. Merrow .....  
to ..... Edward R. Merrow ..... dated ..... June 16, 1929 ..... and recorded in  
the ..... 241 ..... County Registry of Deeds, Book ..... 241 .....  
Page .. 275 .....  
Said ..... one 150 ..... foot strip of land across the above described premises shall extend  
..... 75 ..... feet ..... westerly ..... and ..... 75 .....  
feet ..... easterly ..... of a line bounded and described as follows:

One 150 foot strip of land across the above described premises shall extend  
75 feet westerly and 75 feet easterly of a line bounded and described as follows:

Beginning at a point in the fence on a northwesterly boundary of the above  
described premises at land of Rhodes, said point of beginning being 230 feet  
northeasterly along said fence from a fence corner in the brook; thence running  
S 25° W 259 feet to a point in the fence in the southwesterly boundary at land  
of Manseau, containing .8 acre.

Another strip of land across the above described <sup>premises</sup> bounded and described as  
follows:

Beginning at the point where the northeasterly line of the above described  
premises intersects the brook, said point of beginning being a common corner of  
the grantor, M. Martin and C. Emerson; thence easterly by the brook 50 feet, more-  
or-less, by land of the Grantor to a wire fence at land of M. Martin; thence  
northwesterly by said fence 100 feet, more-or-less, to a fence corner; thence  
northeasterly on the fence by land of M. Martin 1450 feet, more-or-less, to point  
of beginning, containing 2.4 acres, more-or-less.

This conveyance shall include (1) the right to cut, trim and remove all trees and underbrush, and to remove all structures or obstructions, which are now or may hereafter be found within the limits of the above described right of way strip and (2) the right to remove from the premises of the grantor above described such trees as in the judgment of the grantee may interfere with or endanger said lines or their operation.

~~All wood and timber to remain property of grantor.~~

~~In consideration aforesaid, the grantor, on behalf of the grantor and the heirs, legatees, devisees, administrators, executors, successors and assigns of the grantor, agrees that all timber and wood on the above described strip cut by the grantee shall become the property of the grantee.~~

And the parties hereto, by delivering and accepting this deed, agree that all agreements, understandings and negotiations, written or verbal, heretofore made or entered into by the parties hereto or their representatives with respect to this conveyance are hereby waived and cancelled, and that there are no agreements, promises, representations or understandings with respect to this conveyance not herein mentioned.

To have and to hold to the grantee, its successors and assigns forever.

The grantor covenants and agrees that he has full right, title and authority to convey the foregoing rights and privileges and will defend same to said grantee against the lawful claims or demands of all persons.

And I, wife of said hereby release all my rights of dower in the foregoing premises so far as affected by this conveyance.

And I, husband of said hereby release all my rights of curtesy in the foregoing premises so far as affected by this conveyance.

WITNESS my hand and seal this 29<sup>th</sup> day of July, 1947

In the presence of

R. Emery Smith

Edward R. Memnon

The State of New Hampshire

Co. SS.  
July 29 1947

Edward R. Memnon

personally appeared and acknowledged the foregoing instrument to be his voluntary act and deed.  
Before me, R. Emery Smith

Justice of the Peace  
Notary Public

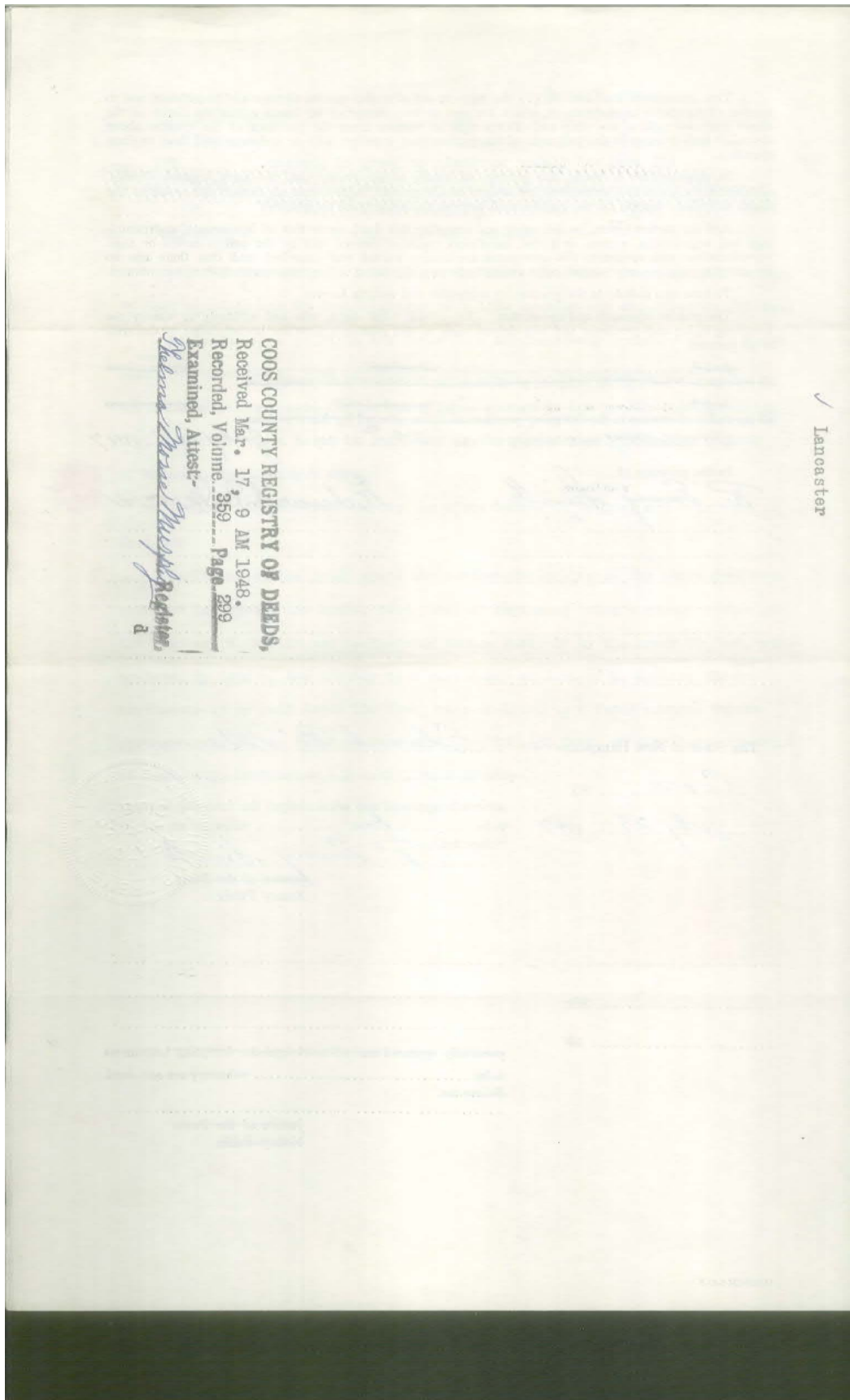


SS.

49

personally appeared and acknowledged the foregoing instrument to be his voluntary act and deed.  
Before me.

Justice of the Peace  
Notary Public





Attorney Client Communication  
Privileged and Confidential



**NORTHERN PASS TRANSMISSION PROJECT  
EASEMENT ABSTRACT FORM**

**General Information:**

Document Number: EAA 1212 Existing Line Number: D-142  
 Mile Sheet Number: 9 PSNH Easement Form Ref ID: N6019-1M-5-47-F  
 Other: \_\_\_\_\_  
 Grantor: Ercell Manseau  
 Grantee: Public Service Company Of New Hampshire  
 Town/City & County: Lancaster County: Coos  
 Easement, Fee or Taking (Choose One): EASEMENT  
 Easement Configuration:  
☒ A. Constant Width 150 Ft  
☐ B. Metes & Bounds  
☐ C. Other

Additional Comments: "Said 150' strip of land across the above described premises shall extend 75' easterly and 75' westerly of a line bounded and described as follows:"

Date of Instrument Execution: 8/22/1947 Book: 359 Page: 278

**Joint Use Agreement:** NO (YES/NO)

Doc. Num: \_\_\_\_\_ Date of Instrument Execution: \_\_\_\_\_ Book: \_\_\_\_\_ Page: \_\_\_\_\_  
 Brief Description: \_\_\_\_\_

**Reference Document:** YES (YES/NO)

Document(s) Referenced: DG 4 Right to Flow

Additional Comments: \_\_\_\_\_

**Applicable Rights:**

1. **Overhead Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_
2. **Underground Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_
3. **Communication Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_
4. **Rights to Relocate or Rebuild Poles/Lines Within Easement Area:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_
5. **Rights to Install Suitable Foundations for the Support of Structures:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
 Additional Comments: \_\_\_\_\_
6. **Structures/Obstructions and/or Encroachments Prohibited in Easement:** ☒ Yes ☐ No ☐ N/A – Fee Parcel





NPT Easement Abstract

- Additional Comments: Right to Remove
7. **Right to Remove Structures/Obstructions and/or Encroachments in Easement:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
8. **Express Rights of Access Across Grantors Remaining Lands (Off Easement):** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
9. **Rights to Install Access Roads Within Easement Area:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: Not Expressly Allowed, but general access within the easement is implied
10. **Guy Wires/Support Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
11. **Chemical Spray Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: Not Expressly Prohibited
12. **Tree Trimming Rights:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
☒ A. Within Easement  
☒ B. Outside Easement (danger to facilities)  
☒ C. Wood Belongs to Property Owner  
☐ D. Wood Belongs to PSNH  
Additional Comments: "All wood and timber remains property of grantor."
13. **Right to Prohibit Grading or Excavation:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
14. **Assignable:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: "...its successors and assigns forever..."

**Applicable Limitations:**

1. **Number of Overhead and Underground Line Limitations:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
\_\_\_\_ Wood or Steel Poles  
Yes ☐ AND/ ☒ OR (check one) Towers  
\_\_\_\_ ☐ AND/ ☐ OR (check one) Underground  
Additional Comments: "There shall be no more than six structures in the fields."
2. **Voltage and or Limits Classification:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
3. **Height Elevation Limits:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
4. **Wires Only/No Structures:** ☐ Yes ☒ No ☐ N/A – Fee Parcel  
Additional Comments: \_\_\_\_\_
5. **Crop Damage Liability:** ☒ Yes ☐ No ☐ N/A – Fee Parcel  
Additional Comments: "Any damage done to the fields or crops by the grantee on the right of way strip or the rest of the farm shall be paid for by the grantee."



NPT Easement Abstract

6. **Reserved Grantor Rights:** ☐ Yes ☒ No ☐ N/A – Fee Parcel

If yes see Additional Easement Rights/Limitations below.

7. **Time Limitation:** ☐ Yes ☒ No ☐ N/A – Fee Parcel

Additional Comments: \_\_\_\_\_

**Comments/Remarks:**

**Additional Easement Rights/Limitations:** “There shall be no more than six structures in the fields.”

“Any damage done to the fields or crops by the grantee on the right of way strip or the rest of the farm shall be paid for by the grantee.”

**Property Comments:** \_\_\_\_\_

**Created By (C&C):** WFR 8/27/2010

**Checked By (C&C):** HOG 11/29/2010

**Legal Reviewed By:** KP/RMW 2/11/2011

**Approved By (NPT):** \_\_\_\_\_

EAA-1212

## KNOW ALL MEN BY THESE PRESENTS

That ... I, Ercell Manseau

of ... Lancaster ... County of ... Coos

in the State of New Hampshire (hereinafter called the grantor) in consideration of one dollar and other valuable considerations paid by the Public Service Company of New Hampshire, a corporation having a principal place of business at Manchester, in the County of Hillsborough, and the State of New Hampshire (hereinafter called the grantee), the receipt whereof is hereby acknowledged, do hereby give, grant, bargain, sell and convey unto the grantee, its successors and assigns, the right to erect, repair, maintain, rebuild, operate and patrol electric transmission and distribution lines, consisting of suitable and sufficient poles and towers, with suitable foundations, together with wires strung upon and extending between the same, for the transmission of electric current, together with all necessary cross-arms, braces, anchors, wires and guys, over and across a strip of land ... 150 ... feet in width being a part of the lands owned by the grantor in the town of ... Lancaster ... and county of ... Coos ..., bounded and described as follows:

1. The James W. Weeks farm on North Road; also (2) a parcel bounded as follows:

Northerly -- Beginning at the intersection of the southerly boundary of the former Weeks Farm, now of the Grantee, and the westerly bound of the Maine Central Railroad right-of-way, and running 470 feet S 77° 50' W to an iron pipe.

Easterly -- Running from said point in the westerly bound of the Railroad right-of-way 1056.5 feet along the Railroad right-of-way to an iron pipe.

Southerly -- Beginning at a point which was the terminus of the easterly bound above, and running S 76° 10' W 257 feet to an iron pipe.

Westerly -- Being a line running along land now or formerly of Clough to join points above mentioned as the westerly termini of the northerly and southerly bounds.

2. Another parcel bounded as follows:

Northerly -- Beginning at the point where the southerly bound of the former Weeks farm intersects the easterly bound of the Maine Central Railroad right-of-way; thence along land of the Grantee to Israel's River.

Westerly -- From the point of beginning in the northerly bound above, along the easterly bound of the Railroad right-of-way 252.5 feet to an iron pipe.

Southerly -- From the point indicated as the terminus of the westerly bound, N 77° 50' E to that branch of Israel's River which runs on the westerly side of the island.

Easterly -- By that branch of Israel's River running on the west side of the island between the points mentioned above as the termini of the northerly and southerly bounds.

Grantor received half interest in above-described premises in deed of Horace W. Manseau to Ercell H. Manseau and George C. Manseau dated September 3, 1935, and recorded in the Coos County Registry of Deeds, Book 285, Page 153. Grantor received the other half interest in deed of George C. Manseau to Ercell Manseau dated May 13, 1941 and recorded in the Coos County Registry of Deeds, Book 314, Page 156.

20.6248

Being a part of the same premises described in deed of .....  
 to ..... dated ..... and recorded in  
 the ..... County Registry of Deeds, Book .....  
 Page .....

Said ..... 150 ..... foot strip of land across the above described premises shall extend  
 ..... 75 ..... feet ..... easterly ..... and ..... 75 .....  
 feet ..... westerly ..... of a line bounded and described as follows:

Beginning at a point in the fence on the southerly line of the above-  
 described premises at land of Heald, said point of beginning being 100 feet  
 westerly along said fence from the west line of the Maine Central Railroad  
 right-of-way; thence running N 0° 30' E 829 feet to an angle point; thence  
 running N 25° 00' E crossing said Railroad and the Israel River 1939 feet  
 to a point in the fence on the northeasterly boundary at land of E. Merrow,  
 containing 9.5 acres.

Meaning and intending to include and only to include all that part of the  
 above-described premises that lies 75 feet each side of said line or said line  
 extended.

There shall not be more than six structures in the fields. Any damage done  
 to the fields or crops by the grantee on the right of way strip or the rest of  
 the farm shall be paid for by the grantee.

This conveyance shall include (1) the right to cut, trim and remove all trees and underbrush, and to remove all structures or obstructions, which are now or may hereafter be found within the limits of the above described right of way strip and (2) the right to remove from the premises of the grantor above described such trees as in the judgment of the grantee may interfere with or endanger said lines or their operation.

~~X All wood and timber remains property of grantor.~~  
In consideration of the fact that the grantor, on behalf of the grantor and the heirs, legatees, devisees, administrators, executors, successors and assigns of the grantor, agrees that all timber and wood on the above described strip cut by the grantee shall become the property of the grantee.

And the parties hereto, by delivering and accepting this deed, agree that all agreements, understandings and negotiations, written or verbal, heretofore made or entered into by the parties hereto or their representatives with respect to this conveyance are hereby waived and cancelled, and that there are no agreements, promises, representations or understandings with respect to this conveyance not herein mentioned.

To have and to hold to the grantee, its successors and assigns forever.

The grantor covenants and agrees that he has full right, title and authority to convey the foregoing rights and privileges and will defend same to said grantee against the lawful claims or demands of all persons.

And I, Dorothy Manseau, wife of said Excill Manseau, hereby release all my rights of dower in the foregoing premises so far as affected by this conveyance.

And I, Excill Manseau, husband of said Dorothy Manseau, hereby release all my rights of curtesy in the foregoing premises so far as affected by this conveyance.

WITNESS Excill Manseau hands and seals this 22 day of Aug, 1947

In the presence of

R. Emory Smith  
R. Emory Smith  
Excill Manseau  
Dorothy Manseau

The State of New Hampshire

Coos SS.  
August 22 1947



Excill Manseau  
Dorothy Manseau

personally appeared and acknowledged the foregoing instrument to be their voluntary act and deed. Before me.

R. Emory Smith  
Justice of the Peace  
Notary Public

personally appeared and acknowledged the foregoing instrument to be their voluntary act and deed. Before me.

Excill Manseau  
Justice of the Peace  
Notary Public



MORTGAGE RELEASE

Lancaster, New Hampshire Date August 25, 1947  
 I/We Siwooganock Guaranty Savings Bank  
 Hereby partially discharge the mortgage given by Ercell Manseau  
 to Siwooganock Guaranty Savings Bank  
 Dated May 13, 1941 and recorded in Coos  
 County Registry of Deeds in the State of New Hampshire, Book 315 Page 101  
 insofar as said mortgage affects the property and rights conveyed to the Public  
 Service Company of New Hampshire by said Ercell Manseau  
 but not otherwise.

Siwooganock Guaranty Savings Bank

Signed Raymond W. McCaig  
 Treasurer

Witness Adis P. Carr

Personally appeared the above named Raymond W. McCaig  
 and accepted the foregoing instrument to be his voluntary  
 act and deed.

Before me,

Samuel Fay  
 Notary Public

COOS COUNTY REGISTRY OF DEEDS,  
 Received Mar. 17, 9 AM 1948  
 Recorded, Volume 359 Page 278  
 Examined, Attest:  
Deborah M. Murphy Register.

Lancaster

DGC - 4

1190

# KNOW ALL MEN BY THESE PRESENTS:

THAT I, Horace W. Manseau, of Lancaster, in the County of Coos, and State of New Hampshire,

ONE DOLLAR AND OTHER VALUABLE CONSIDERATIONS----- for and in consideration of the sum of ~~xxxxxx~~

to me in hand, before the delivery hereof, well and truly paid by

Jones & Linscott, a corporation established by law, and having its principal place of business at said Lancaster,

the receipt whereof I do hereby acknowledge, have granted, bargained and sold, and by these presents do give, grant, bargain, sell, alien, enfeoff, convey and confirm unto the said successors Jones & Linscott, its ~~xxxx~~ and assigns forever

certain rights in said Lancaster, described as follows:- The right to flow on what is known as the Weeks Meadow to an elevation 23.07 feet below the Northeast corner of the parapet wall of the South abutment of the Maine Central Railroad Bridge across Israel River in said Lancaster, and 1.0 foot below the top of an iron pipe driven in the bank of the run on the meadow.

It is understood and agreed that in times of freshet the above may be exceeded.

It is the intent hereof to convey the flowage on the tract of land as described and set forth in a letter from Stanley D. Moore, C. E. to Jones & Linscott dated September 2, 1922 which is hereto annexed and made a part of this deed.

It is further agreed and is a part of the consideration hereof should said grantee, its successors and assigns, raise the water so as

to form an island on that part of grantors land just easterly of the iron pin above mentioned and northerly of the southerly run on said premises, it will provide and maintain, if necessary, a suitable driveway thereto.

TO HAVE AND TO HOLD THE SAID GRANTED PREMISES, with all the privileges and appurtenances to the same belonging to the said Jones & Linscott, its

~~xxxxxx~~ <sup>successors</sup> ~~xxxxxx~~ and assigns, to <sup>it</sup> ~~its~~ and ~~their~~ only proper use and benefit forever. And I the said Horace W. Manseau and ~~my~~ heirs, executors and administrators do hereby covenant, grant and agree, to and with the said Jones & Linscott <sup>successors</sup> and its ~~xxxxxx~~ and assigns, that until the delivery hereof I am the lawful owner of the said premises, and am seized and possessed thereof in my own right in fee simple; and have full power and lawful authority to grant and convey the same in manner aforesaid; that the said premises are free and clear from all and every incumbrance whatsoever;

and that

I and my heirs, executors and administrators, shall and will WARRANT and DEFEND the same to the said Jones & Linscott, its <sup>successors</sup> ~~xxxxxx~~ and assigns, against the lawful claims and demands of any person or persons whomsoever.



TELEPHONE

STANLEY D. MOORE  
CIVIL ENGINEER

LANCASTER, N. H.,

Sept 2 - 1922Jones & Linnott  
Lancaster, N. H.

Gentlemen:

The area of the land on the "Weepe Meadow" which lies below an elevation of 4 ft. above your present dam is equal to  $3\frac{3}{10}$  acres. This acreage lies below an elevation 23.07 ft. below the N. E. Cor. of the Parapet Wall of the South Abutment of the Maine Central R. R. Bridge, and 1.0 ft. below the top of an iron pipe driven in the bank of the run on the meadow. In other words, taking the top of the dam as elevation 100.0, the elevation of the parapet wall is 127.07, the iron pipe is 105.00, while the measured acreage includes all land lying below an elevation of 104.00.

Yours very truly

Stanley D. Moore

And I, Rebecca E. Manseau wife of the said Horace W. Manseau  
in consideration aforesaid, do hereby relinquish my right of dower  
in the before mentioned premises.

And we and each of us do hereby release, discharge and waive all such rights of exemption from attachment and levy or sale on execution, and such other rights whatsoever in said premises, and in each and every part thereof, as our family homestead, as are reserved or secured to us, or either of us, by the statute of the State of New Hampshire, passed July 4, 1861, entitled "An act to exempt the Homestead of Families from attachment and levy or sale on execution," or by any other statute or statutes of said state.

IN WITNESS WHEREOF we have hereunto set our hand and seal this 7th  
day of October, in the year of our Lord onethousand nine hundred and twenty-two.

SIGNED, SEALED AND DELIVERED

In the presence of us:

Mabel Wadleigh

Horace W. Manseau  
Rebecca E. Manseau

STATE OF NEW HAMPSHIRE, Coos, SS.

October 7th,

A. D. 1922.

Personally appeared the above named Horace W. Manseau and Rebecca E. Manseau

and acknowledged the foregoing instrument to be their voluntary act and deed.

Before me,

Mabel Wadleigh Justice of the Peace  
Notary Public



Lancaster.

HOUSTEAD

## Warranty Deed

HORACE W. MANSEAU  
TO

JONES & LINSFORT

COOS COUNTY REGISTRY OF DEEDS

Received Oct. 23, 3-30 P.M. 1922.

Record, Vol. 214. Page 409.

Examined, Attest:

*J. D. Langworthy*  
Register

## ■ Appendix C USGS Locus Maps

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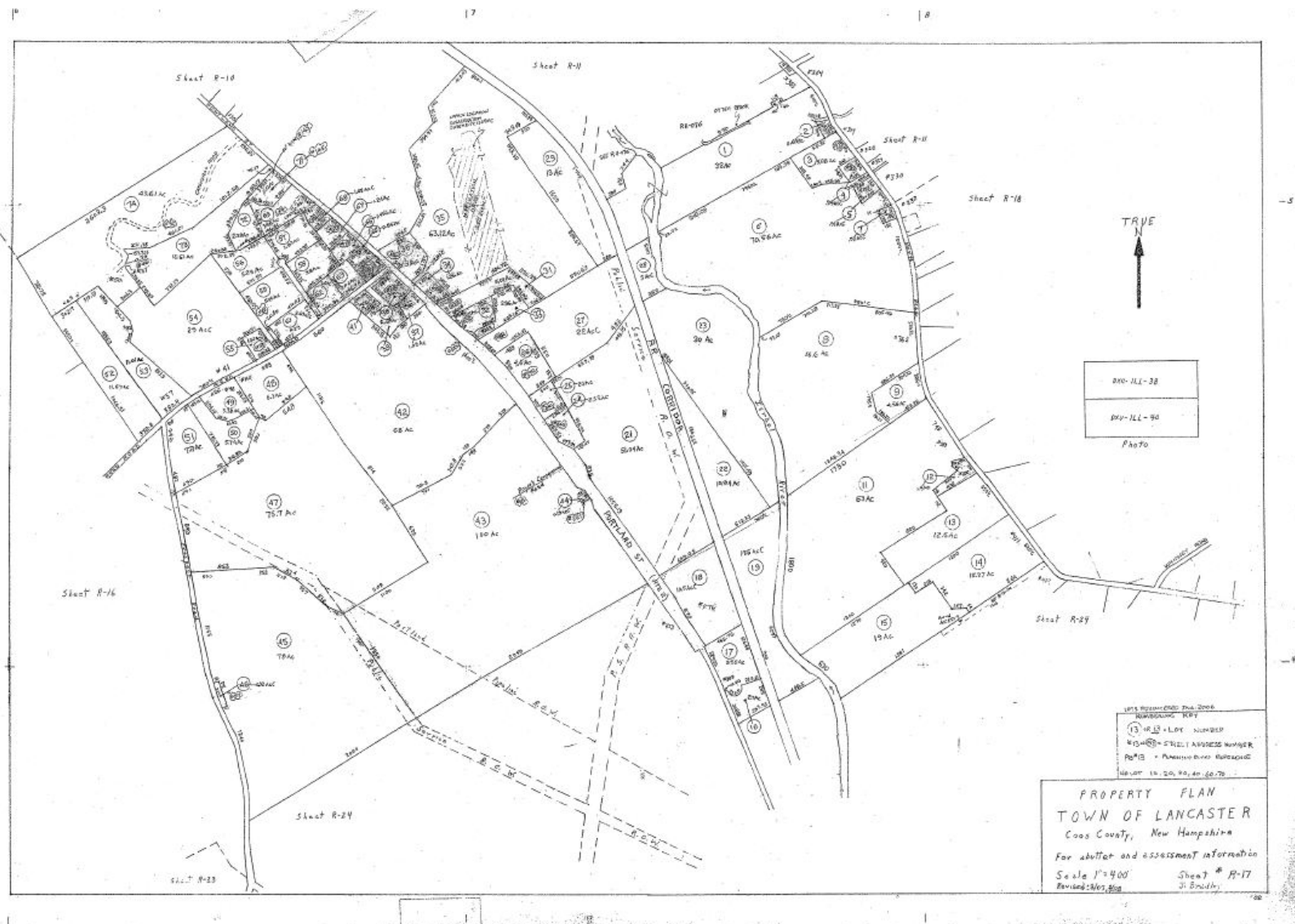


## ■ Appendix D NH Tax Maps

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## ■ Appendix E Representative Photos

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Photo 1. The NPT line will cross Israel River in Lancaster, NH as part of the Overhead Line (N2). This view is north.



Photo 2. The Israel River is located in the background of this photo, Otter Brook is in the foreground. To the north of the River a new lattice structure will be installed and an existing structure will be removed. View is South.



**Photo 3. The Israel River is located in the background of this photo, Otter Brook is in the foreground. On the south side of the river a new lattice structure will be installed and an existing structure will be removed. Photo is facing south.**

## ■ Appendix F NHB Report and Correspondence

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**NEW HAMPSHIRE NATURAL HERITAGE BUREAU**

DRED - DIVISION OF FORESTS & LANDS

PO Box 1 856 -- 1 72 PEMBROKE ROAD, CONCORD, NH 03302-1 856

(603) 271 -221 4

---

**To:** William McCloy, Normandeau Associates, Inc.  
**From:** Melissa Coppola, Environmental Information Specialist  
**Date:** March 30, 2015  
**Subject:** Northern Pass Database Request (NHB15-0611)

This memo is to confirm that Normandeau Associates have coordinated with the NH Natural Heritage Bureau (NHB) regarding information on known locations of rare species and exemplary natural communities for the Northern Pass project.

Due to the size and scope of the project, NHB is not providing a typical NHB review memo for permitting. Instead, this memo summarizes information provided by NHB to date, and notes that specific recommendations should be developed after project plans are close to being finalized:

- Normandeau was provided with digital data for the project under a data-sharing agreement dated 1/16/15 (397 digital NHB records). This is the sixth data-sharing agreement Normandeau has requested for this project: others were provided in 2010, 2011, 2012, 2013, and 2014 for project planning and ecological impact studies. NHB has also reviewed work plans associated with plant and community survey methodology on several occasions, including a meeting on 6/18/10.
- At the request of NHB, Normandeau consultants have conducted rare plant and natural community surveys within the proposed project area. If the project area extends to new locations, or new concerns are identified, additional surveys may be requested.
- As the project progresses and impacts areas are further clarified, Normandeau should set up a meeting with NHB staff to discuss avoiding and minimizing impacts to rare plant species and exemplary natural communities.





## New Hampshire Natural Heritage Bureau

DRED - Division of Forests & Lands  
172 Pembroke Road, Concord, NH 03301  
(603) 271-2214

**To:** Lee Carbonneau, Normandeau Associates, Inc.  
**From:** Amy Lamb, Ecological Information Specialist  
**Date:** October 5, 2015  
**Subject:** Northern Pass Pre-Application Meeting Summary (NHB15-0611)

On March 30, 2015, Melissa Coppola issued a NH Natural Heritage Bureau (NHB) memo (NHB15-0611) to Normandeau Associates, Inc. that listed Threatened and Endangered species populations that will potentially be impacted by the proposed Northern Pass project. Since that date, NHB and Normandeau have met on several occasions to discuss project impacts, avoidance and minimization measures, route changes, and the remaining survey work to be completed.

This memo summarizes the most recent pre-application meeting, which took place on October 1, 2015. This meeting was held in order to review current rare plant and natural community information, refine avoidance and minimization measures, and determine additional steps to be taken in preparation for permit application submittal at the end of October, 2015.

The meeting resulted in the following determinations regarding data and documentation:

- NHB last provided digital data to Normandeau in February of 2015, and will continue to provide any new data (i.e., new plant surveys within the project area) as they become available.
- Normandeau will provide the final reports on Vegetation and Threatened and Endangered species to NHB upon completion.
- Normandeau will provide NHB a table summarizing the anticipated impacts to all rare plants and exemplary natural communities within the selected corridor. This table will distinguish between the different types of impacts and their resulting (long-term) effects on rare plants and exemplary natural communities.

- Any reports that are filed as publicly available information will not contain specific locations of rare plants; this information will be restricted to an appendix and treated as confidential, and will be removed from publicly available reports.
- The rare plant avoidance and minimization measures that the applicant has proposed were developed in consultation with NHB. NHB will provide additional species-specific avoidance and minimization guidance during the permit review period. This will consist of a table with prioritized actions for each species.
- As any new areas for access, staging, etc. become known, Normandeau (or any subsequent contractor) will conduct rare plant surveys in the areas and provide the results to NHB.
- Normandeau identified Lee Carbonneau as the point person for future Natural Heritage communications, and the NHB point person will be Amy Lamb.

The meeting also resulted in the determination of several measures to avoid and minimize impacts to Natural Heritage resources during construction:

- Meetings will be held among contractors, environmental monitors, and inspectors, prior to contractors working in or near areas where listed plants are located, that will include making contractors aware of sensitive areas and the appropriate best management practices for each area.
- Plans that are provided to contractors will contain a color-coded bar indicating the extent of a sensitive area; no further information will be revealed on such plans.
- Normandeau (or any subsequent contractor) will have "Sensitive Area" signs installed around rare plant populations and exemplary natural communities to alert work crews to their presence.
- It was agreed that it is critical that environmental monitors have the power and authority to stop work immediately if they become aware that any action will violate agreed-upon BMPs.
- NHB will make a recommendation to NHDES regarding qualifications of Environmental Monitors, to be included as a permit condition.

NHB and Normandeau will continue to communicate as the project progresses, in particular as any route changes or new impacts to rare plants become known.



Northern Pass has coordinated with the NH Natural Heritage Bureau (NH NHB) since 2010 to obtain information on known locations of rare species and exemplary natural communities within a half mile of the Northern Pass Project. Normandeau Associates was provided with a digital data set for known locations. Based on the information provided by NHNHB and additional desktop research, Normandeau Associates prepared and implemented a work plan for field surveys for rare plant and natural community surveys. This work plan was approved by the NH NHB.

Within a half mile of the Protected Shoreland of the Israel River in Lancaster, NH there is one elemental occurrence identified by NHB. East of the established right of way, NHB identified the S3, state specie of special concern, *Glyptemys insculpta* (Wood Turtle) within a half mile of the Protected Shoreland Buffer of the Israel River. Northern Pass has consulted with the NH Fish and Game Department and included protective measures for this species in the project plans.

## ■ Appendix G

### Certified Mail Notifications and Receipts

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***Via Certified Mail***

October 14, 2015

Town of Lancaster  
25 Main St  
Lancaster, NH 03584

**Re: Shoreland Permit Application – The Northern Pass Project**

Dear Sir or Madam:

Enclosed please find a copy of the Shoreland Permit Application package that will be filed with the NH Department of Environmental Services (DES) and New Hampshire Site Evaluation Committee for the Northern Pass Project. The project includes work in or around rivers, lakes, streams ponds, etc. Under state law, it is a requirement to provide the municipalities and Local River Advisory Committees having jurisdiction over these waterbodies with a copy of the shoreland application by Certified mail, for review and comment. Please find attached a copy of the application, which proposes work within the protected shoreland of a public water or Designated River in your regulatory area.

Sincerely,



Lee Carbonneau  
Normandeau Associates, Inc.  
As agent for Northern Pass Transmission, LLC.