



The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**



**Thomas S. Burack, Commissioner**

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**WETLANDS AND NON-SITE SPECIFIC PERMIT 2016-02471**

**Permittee:** Northern Pass Transmission LLC  
c/o Robert P. Clarke  
780 North Commercial Street  
Manchester, NH 03101

**Project Location:** Cate Road, Deerfield  
Deerfield Tax Map/Lot No. 408/49

**Waterbody:** Unnamed wetlands

**APPROVAL DATE:** 10/20/2016      **EXPIRATION DATE:** 10/20/2021

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Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued. This permit shall not be considered valid unless signed as specified below.

**PERMIT DESCRIPTION:** Temporarily impact 4,163 square feet of palustrine forested, scrub-shrub and emergent wetland, and 61 square feet of intermittent stream to complete geotechnical borings and associated equipment access that is necessary to provide subsurface soil and geological information for the final design of the Northern Pass Project.

**THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:**

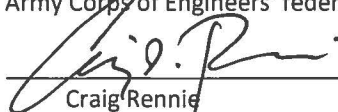
1. All work shall be in accordance with plans by dated August 25, 2016, as received by the NH Department of Environmental Services (DES) on August 26, 2016.
2. Not less than 5 state business days prior to commencement of work authorized by this permit, the permittee shall notify in writing the DES Wetlands Program and the Deerfield Conservation Commission of the expected start date.
3. A Certified Wetland Scientist or qualified professional, as applicable, shall monitor the project during construction and post construction to ensure compliance with the approved plans and narratives (i.e., erosion controls and delineated impacts), and to ensure impacts to sensitive reptile species are avoided. A follow-up report, including photographs, shall be submitted to the DES Wetlands Program within 60 days of final site stabilization.
4. Personnel working on the job site and all employees should be made aware of the potential to encounter the state endangered Blanding's turtle, especially during turtle nesting season which extends from late May through the end of June. If Blanding's or other protected turtle species are found laying eggs in the work area, please contact the NH Fish & Game Department (Kim Tuttle at 271-6544 or Mike Marchand at 271-3016) for instructions.
5. Appropriate siltation, erosion and turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
6. Erosion control products shall be installed per manufacturers recommended specifications.
7. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
8. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
9. Work shall be done during annual low flow or low groundwater conditions, or during frozen ground conditions.
10. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species within three days of the completion of the disturbance.

11. To prevent the introduction of invasive plant species to the site, the permittee's contractor(s) shall clean all soils and vegetation from construction equipment and matting before such equipment is moved to the site.
12. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
13. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
14. The permittee/permittee's contractor shall regrade and restore temporary wetland impacts to pre-construction conditions.
15. Seed mix within the restoration area shall be a wetland seed mix appropriate to the area and shall be applied in accordance with manufacturers' specifications.
16. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
17. Construction equipment shall be inspected daily for leaking fuel, oil, and hydraulic fluid prior to operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
18. The permittee's contractor shall maintain appropriate oil/diesel fuel spill kits on site that are readily accessible at all times during construction, and shall train each operator in the use of the kits.
19. All refueling of equipment shall occur outside of surface waters or wetlands during construction. Machinery shall be staged and refueled in upland areas only.
20. Faulty equipment shall be repaired immediately prior to entering areas that are subject to RSA 482-A jurisdiction.

**GENERAL CONDITIONS THAT APPLY TO ALL DES WETLANDS PERMITS:**

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by DES;
6. This project has been screened for potential impacts to **known** occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.
7. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

APPROVED: \_\_\_\_\_

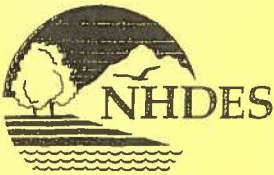
  
Craig Rennie  
DES Wetlands Bureau

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**BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.**

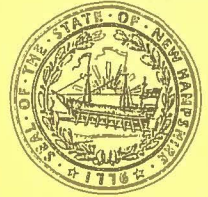
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OWNER'S SIGNATURE (required)

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CONTRACTOR'S SIGNATURE (required)



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Thomas S. Burack, Commissioner



NOTICE TO RECIPIENTS OF MINOR IMPACT N.H. WETLANDS PERMITS

Your permit was approved by the New Hampshire Wetlands Bureau as a minor impact project, and your project will be reviewed by the U.S. Army Corps. of Engineers for possible approval under the Army Corps New Hampshire State Programmatic General Permit - SPGP. The Army Corps will notify you within thirty (30) days if they will require additional information or an individual federal permit application.

If you do not hear from the Army Corps within thirty (30) days, and your project meets the conditions of the SPGP (attached), your project will automatically be approved under the SPGP. You should contact the Army Corps, at 1-800-343-4789, if your project does not meet the conditions of the SPGP.

NO WORK SHOULD BE DONE WITHOUT AUTHORIZATION FROM THE ARMY CORPS UNLESS THIRTY (30) DAYS HAVE PASSED AFTER N.H. WETLANDS BUREAU APPROVAL, AND ALL CONDITIONS OF THE SPGP ARE MET.

THESE APPROVALS DO NOT RELIEVE YOU FROM OBTAINING ANY NECESSARY LOCAL PERMITS THAT MAY BE REQUIRED BY YOUR TOWN.

IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO GIVE US A CALL AT 603-271-2147

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CC: U.S. ARMY CORPS. OF ENGINEERS