



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

AMENDED WETLANDS AND NON-SITE SPECIFIC PERMIT 2023-02365

NOTE CONDITIONS

PERMITTEE: NH DEPT OF TRANSPORTATION
PO BOX 483
CONCORD NH 03302

PROJECT LOCATION: BRIDGE PIER TO NH RTE 175 (OVER PEMI RIVER), WOODSTOCK
Tax Map/Block/Lot(s): 121, 122/no block/

WATERBODY: PEMIGEWASSET RIVER

AMENDMENT DATE: JUNE 21, 2024

ORIGINAL APPROVAL DATE: JANUARY 08, 2024

EXPIRATION DATE: JANUARY 08, 2029

Based upon review of permit application 2023-02365 in accordance with RSA 482-A and RSA 485-A:17, the New Hampshire Department of Environmental Services (NHDES) hereby issues this Wetlands and Non-Site Specific Permit. To validate this Permit, signatures of the Permittee and the Principal Contractor are required.

AMENDED PERMIT DESCRIPTION:

Dredge and fill a total of 15,710 square feet/223 linear feet of riverine wetland and bank (Tier 3) for repairs to address scour issues at the Pier I (south) bridge pier of the Route 175 Woodstock 195/093 Bridge over the Pemigewasset River in Woodstock, NH (NHDOT 42534). Permanent impacts (2,230 SF/70 LF) consist of driving an approximately 35' x 65' rectangular cofferdam constructed of steel sheet piles that will surround the footing of Pier 1 and will be filled with stone. Access will be made from the eastern shoulder of Route 175 by creating a temporary access road down the slope and clean washed stone causeway across a portion of the Pemigewasset riverbank and stream bed to reach Pier 1. Temporary impacts include 13,480 SF/233 LF to be restored following removal of access road.

THIS PERMIT IS SUBJECT TO THE FOLLOWING AMENDED PROJECT-SPECIFIC CONDITIONS:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the revised Wetlands Impact Plans for State of New Hampshire Department of Transportation, NH Project No. 42534, NH Route 175 over Pemigewasset River dated November 2023 as received by NHDES on June 20, 2024.
2. In accordance with Env-Wt 307.03(a), no activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards specified in RSA 485-A:8 or Env-Wq 1700; ambient groundwater quality standards established under RSA 485-C; or any provision of RSA 485-A, or RSA 483-B. Work shall be performed in accordance with NHDES approved Turbidity Monitoring Protocol per Turbidity Mixing Zone Designation for Woodstock 42534 dated July 12, 2023 Approval with NHDES Conditions (dated September 25, 2023).
3. In accordance with Env-Wt 314.03, (a) The permittee shall notify the department Wetlands program in writing at least one week prior to commencing any work under the permit.
3. The permit shall be contingent on review and approval by NHDES of final stream diversion plans that detail the timing and method of stream flow diversion during construction and show temporary siltation and turbidity control measures to be implemented.

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TDD Access: Relay NH 1 (800) 735-2964

4. Protective measures must be implemented in accordance with NH Division of Historical Resources project comments prior to start of construction. Culturally sensitive areas must be marked and avoided by all construction equipment.
5. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code Admin. Rules Env-Wq 1400 during and after construction.
6. In accordance with Env-Wt 307.04(b), activities that produce suspended sediment in jurisdictional areas that provide value as bird migratory areas or fish and shellfish spawning or nursery areas, shall be done so as to not discharge sediment to fish and shellfish spawning or nursery areas or to amphibian and migratory bird breeding areas during spawning or breeding seasons, as applicable, which could necessitate suspending the activities.
7. In accordance with Env-Wt 514.05(e), where there is documented occurrence of a cold water fishery or protected species or habitat, unless a waiver of this condition is issued in writing by the department in consultation with NH Fish & Game Department (NHF&G), work shall occur during low-flow or dry conditions during the growing season; and prior to October 1. No dredging shall occur between October 1 and March 31 for any fish migration or larval settling area of cold water fish.
8. The NHDOT and contractor shall monitor the weather forecast. If storm events are forecast which exceed the capacity of the clean water bypass, the contractor shall cease work and remove equipment from within the dewatered area, add stabilization as required to exposed areas to allow storm flows to pass through the project site without creating turbidity or erosion.
9. NHDES shall be notified within 24 hours of an event which exceeds the capacity of the clean water bypass and overtops the cofferdam. This notification shall include photographs, narrative on what corrective actions were taken, and information on the amount of precipitation which occurred.
10. Cofferdams shall be completely removed after work within the coffer dam or other turbidity control is completed, the contained water has returned to background clarity, and removing the structure will not cause or contribute to a violation of water quality standards or erosion of disturbed areas (Env-Wt 307.03(c)).
11. In accordance with Env-Wt 514.05(a), materials used to emulate a natural channel bottom shall be consistent with materials identified in the reference reach. Final stream bed and bank surfaces must be natural, rounded stone, not angular rip rap.
12. Construction activities, stream bypass and dewatering operations shall not result in changes to jurisdictional areas (scour) outside of the approved impact areas. Post-construction bed conditions shall be included in the post-construction monitoring report to identify any areas of scour resulting from the stream diversion. Any associated impact areas shall be quantified and permitted or restored accordingly.
13. In accordance with Env-Wt 307.03(c)(2), water quality control measures shall be comprised of wildlife-friendly erosion control materials if erosion control blankets are utilized.
14. In accordance with Env-Wt 307.11(g), authorized temporary fill other than swamp mats, construction mats, and corduroy shall be placed on geotextile fabric laid on preconstruction wetland grade.
15. Invasive plant species management shall be performed to ensure the project conforms to Env-Wt 307.05 and the NHDOT "Best Management Practices for the Control of Invasive and Noxious Plant Species".
16. In accordance with Env-Wt 307.03(c)(4), water quality control measures shall be capable of minimizing erosion; collecting sediment and suspended and floating materials; and filtering fine sediment.
17. In accordance with Env-Wt 307.03(c)(5), water quality control measures shall be maintained so as to ensure continued effectiveness in minimizing erosion and retaining sediment on-site during and after construction.
18. In accordance with Env-Wt 307.03(c)(6), water quality control measures shall remain in place until all disturbed surfaces are stabilized to a condition in which soils on the site will not experience accelerated or unnatural erosion by achieving and maintaining a minimum of 85% vegetative cover using an erosion control seed mix, whether applied in a blanket or otherwise, that is certified by its manufacturer as not containing any invasive species; or placing and maintaining a minimum of 3 inches of non-erosive material such as stone.
19. In accordance with Env-Wt 307.03(d), any sediment collected by water quality control measures shall be removed with sufficient frequency to prevent the discharge of sediment; and placed in an upland location in a manner that prevents its erosion into a surface water or wetland.
20. In accordance with Env-Wt 307.03(c)(7), temporary water quality control methods shall be removed upon completion of work when compliance with Env-Wt 307.03(c)(6) is achieved.

21. In accordance with Env-Wt 307.03(h), equipment shall be staged and refueled outside of jurisdictional areas and in accordance with Env-Wt 307.15.
22. In accordance with Env-Wt 307.12(i), wetland areas where permanent impacts are not authorized shall be restored to their pre-impact conditions and elevation by replacing the removed soil and vegetation in their pre-construction conditions as close as practicable to pre-construction conditions.
23. In accordance with Env-Wt 307.12(f), if any temporary impact area that is stabilized with seeding or plantings does not have at least 75% successful establishment of wetlands vegetation after 2 growing seasons, the area shall be replanted or reseeded, as applicable.
24. In accordance with Env-Wt 307.12(a), within 3 days of final grading or temporary suspension of work in an area that is in or adjacent to surface waters, all exposed soil areas shall be stabilized by seeding and mulching, if during the growing season; or mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1 if not within the growing season.
25. In accordance with Env-Wt 307.12(f), if any temporary impact area that is stabilized with seeding or plantings does not have at least 75% successful establishment of wetlands vegetation after 2 growing seasons, the area shall be replanted or reseeded, as applicable.
26. In accordance with Env-Wt 307.03(g)(1), the person in charge of construction equipment shall inspect such equipment for leaking fuel, oil, and hydraulic fluid each day prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
27. In accordance with Env-Wt 307.03(g)(2), the person in charge of construction equipment shall repair any leaks prior to using the equipment in an area where such fluids could reach groundwater, surface waters, or wetlands.
28. In accordance with Env-Wt 307.03(g)(3) and (4), the person in charge of construction equipment shall maintain oil spill kits and diesel fuel spill kits, as applicable to the type(s) and amount(s) of oil and diesel fuel used, on site so as to be readily accessible at all times during construction; and train each equipment operator in the use of the spill kits.
29. In accordance with Env-Wt 307.03(e), all exposed soils and other fills shall be permanently stabilized within 3 days following final grading.
30. In accordance with Env-Wt 514.05(h), within 60 days of completion of construction, the applicant shall submit a post-construction report that has been prepared by a professional engineer, certified wetland scientist, or qualified professional which describes the monitoring conducted and date(s) of inspections, and includes photos showing the extent of jurisdictional impacts, areas of restoration, and progress of any plantings in accordance with Env-Wt 307.18(c).
31. In accordance with Env-Wt 514.06, the owner shall monitor the project and take corrective measures if the area is inadequately stabilized or restored by identifying corrective actions and follow-up plans in accordance with Env-Wt 307; and filing an appropriate application and plans where work in the channel is required.

THIS PERMIT IS SUBJECT TO THE FOLLOWING GENERAL CONDITIONS:

1. Pursuant to RSA 482-A:12, a copy of this permit shall be posted in a secure manner in a prominent place at the site of the approved project.
2. In accordance with Env-Wt 313.01(a)(5), and as required by RSA 482-A:11, II, work shall not infringe on the property rights or unreasonably affect the value or enjoyment of property of abutting owners.
3. In accordance with Env-Wt 314.01, a standard permit shall be signed by the permittee, and the principal contractor who will build or install the project prior to start of construction, and will not be valid until signed.
4. In accordance with Env-Wt 314.03(a), the permittee shall notify the department in writing at least one week prior to commencing any work under this permit.
5. In accordance with Env-Wt 314.08(a), the permittee shall file a completed notice of completion of work and certificate of compliance with the department within 10 working days of completing the work authorized by this permit.
6. In accordance with Env-Wt 314.06, transfer of this permit to a new owner shall require notification to, and approval of, the NHDES.

7. The permit holder shall ensure that work is done in a way that protects water quality per Env-Wt 307.03; protects fisheries and breeding areas per Env-Wt 307.04; protects against invasive species per Env-Wt 307.05; meets dredging activity conditions in Env-Wt 307.10; and meets filling activity conditions in Env-Wt 307.11.
8. This project has been screened for potential impact to known occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or only cursory surveys have been performed, 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. This permit does not authorize in any way the take of threatened or endangered species, as defined by RSA 212-A:2, or of any protected species or exemplary natural communities, as defined in RSA 217-A:3.
9. In accordance with Env-Wt 307.06(a) through (c), no activity shall jeopardize the continued existence of a threatened or endangered species, a species proposed for listing as threatened or endangered, or a designated or proposed critical habitat under the Federal Endangered Species Act, 16 U.S.C. §1531 et seq.; State Endangered Species Conservation Act, RSA 212-A; or New Hampshire Native Plant Protection Act, RSA 217-A.
10. In accordance with Env-Wt 307.02, and in accordance with federal requirements, all work in areas under the jurisdiction of the U.S. Army Corps of Engineers (USACE) shall comply with all conditions of the applicable state general permit.

APPROVED:



Dale R. Keirstead
Public Works Specialist, Wetlands Bureau
Land Resources Management, Water Division

THE SIGNATURES BELOW ARE REQUIRED TO VALIDATE THIS PERMIT (Env-Wt 314.01).

PERMITTEE SIGNATURE (required)

PRINCIPAL CONTRACTOR SIGNATURE (required)