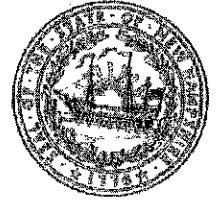




The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

March 8, 2023

Brox Industries, Inc.
Attn: Erik Stevenson
1471 Methuen Street
Dracut, Massachusetts 01826
(sent via email to: estevenson@broxindustries.com)

Subject: Construction Aggregate Excavation, Barrington
Tolend Road
Tax Map 236, Lot 4, Barrington, NH

Permit: AoT-2313

Dear Applicant:

Based upon the plans and application, approved on March 8, 2023, we are hereby issuing RSA 485-A:17 Alteration of Terrain Permit AoT-2313. The permit is subject to the conditions provided below.

Permit AoT-0034 was issued on September 11, 2009 for excavation/quarry activities on properties (Town of Barrington Tax Map 222, Lots 12 and 13 and Tax Map 236, Lots 2 and 3) adjacent to the subject property and included a permit condition to develop a bedrock water level monitoring and reporting plan if groundwater dewatering occurred on the properties. A bedrock water level monitoring and reporting plan has not been developed to date and there is insufficient information to assess whether current water level control practices on the adjacent properties may be impacting local groundwater conditions. Therefore, the Department has determined a hydrogeologic study must be completed, as outlined in project specific condition one below.

PROJECT SPECIFIC CONDITIONS:

1. By May 15, 2023, submit to the Department, for review and approval, a scope of work for a hydrogeologic study of the general area described by Town of Barrington Tax Map 222, Lots 12 and 13 and Tax Map 236, Lots 2, 3, and 4, and the evaluation of potential impacts to public water supplies in the vicinity. The scope of work shall include an implementation schedule and, as a minimum, the following tasks:
 - a. Installation of a bedrock monitoring well network across the sites, and neighboring property if permission granted.
 - b. Installation of overburden monitoring wells on the sites, and neighboring property if permission granted.
 - c. Measurement of groundwater levels.
 - d. Conducting a pumping test with concurrent groundwater level monitoring across the sites
 - e. Estimation of the rate and extent of dewatering necessary for the quarry target depth.
 - f. An estimation of the hydraulic effects on the neighboring public well field.
 - g. Groundwater quality sampling from both bedrock and overburden wells.

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- h. Development of a long-term monitoring well network, monitoring frequency and reporting program
 - i. Establishment of quarry elevation (depth) limit that cannot be exceeded due to potential for impacts to nearby water supplies/resources
2. Plans by Respec – North American Reserve Division entitled “Brox Industries, Inc., Tolend Road (Map 236 Lot 4), AoT Permit Application”, dated January 17, 2023, and supporting documentation in the permit file are a part of this approval.
3. **The Permittee must provide the Department a Progress Plan, which consists of a written update and revised plans documenting the status of the project every five years from the issuance of this permit. The next Progress Plan is due March 2028.**
4. The Permittee shall comply with all recommendations by the New Hampshire Fish and Game Department related to state or federally listed threatened or endangered species that are incorporated into the project plans.

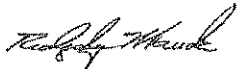
GENERAL CONDITIONS:

1. Activities shall not cause or contribute to any violations of the surface water quality standards established in Administrative Rule Env-Wq 1700.
2. You must submit revised plans for permit amendment prior to any changes in construction details or sequences. You must notify the Department in writing within ten days of a change in ownership.
3. You must notify the Department in writing prior to the start of construction and upon completion of construction. Forms can be submitted electronically at: <https://www.des.nh.gov/land/land-development>. Paper forms are available at that same web page.
4. Activities shall not cause any violation of fugitive dust requirements established in Administrative Rule Env-A 1002. Precautions shall be taken throughout the duration of the activity to prevent, abate, and control the emission of fugitive dust. Precautions shall include, but not be limited to, the use of water, hydrophilic material, or tarps on operations, surfaces, and material stockpiles.
5. If applicable, no activity shall occur in wetland areas until a Wetlands Permit is obtained from the Department. Issuance of this permit does not obligate the Department to approve a Wetlands Permit for this project.
6. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits that may be required (e.g., from US EPA, US Army Corps of Engineers, etc.). Projects disturbing over 1 acre may require a federal stormwater permit from EPA. Information regarding this permitting process can be obtained at: <https://www.epa.gov/npdes/2022-construction-general-permit-cgp>.
7. 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

Alteration of Terrain Permit, AoT-2313
Construction Aggregate Excavation, Barrington
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have not been surveyed in detail, 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.

Sincerely,



Ridgely Mauck, PE
Alteration of Terrain Bureau

- cc: Barrington Planning Board
- ec: Respec – North American Reserve Division
Ari Pollock – Gallagher, Callahan & Gartrell, P.C.
New Hampshire Fish and Game Department
Gretchen Young, City of Dover