



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

REQUEST FOR MORE INFORMATION

June 1, 2022

Mr. Corey Garabedian
Old Samndown Road, LLC
352 South Broadway Street
Salem, NH 03079
(sent via email to: corey@garabedianprop.com)

RE: Alteration of Terrain Permit Application AoT 220412-081
Chester Gravel Pit
Fremont Road - Chester
Tax Map 5 Lot 85

Dear Applicant:

The Department of Environmental Services (DES) is in receipt of an application and supporting plans and information, for an Alteration of Terrain Permit for the above referenced project. After review of the information submitted, the following items need to be addressed in order for DES to make a **final determination** on the application for a permit:

1. Pursuant to Env-Wq 1504.18, provide the following notes on the cover sheet of the plan set. In the highlighted text, fill in the specifics for the project.

Wildlife Protection Notes:

- All observations of threatened or endangered species shall be reported immediately to the New Hampshire Fish and Game Department Nongame and Endangered Wildlife Environmental Review Program by phone at 603-271-2461 and by email at NHFGreview@wildlife.nh.gov. Email subject line: NHBXX-XXXX, PROJECT NAME, Wildlife Species Observation.
 - Photographs of the observed species and nearby elements of habitat or areas of land disturbance shall be provided to NHF&G in digital format at the above email address for verification as feasible.
 - In the event a threatened or endangered species is observed on the project site during the term of the permit, the species shall not be disturbed, handled, or harmed in any way prior to consultation with NHF&G and implementation of corrective actions recommended by NHF&G, if any, to assure the project does not appreciably jeopardize the continued existence of threatened and endangered species as defined in Fis 1002.04.
 - The NHF&G, including its employees and authorized agents, shall have access to the property during the term of the permit.
2. In addition to any NHFG project specific conditions recommended by NHFG, details for manufactured erosion and sediment control BMPs on the plans, such as erosion control blankets, shall specify the following: *There shall be no plastic, or multi-filament or monofilament*

*polypropylene netting or mesh with an opening size of greater than 1/8 inches material utilized.”
(Not applicable to turf reinforcement mats).*

Also, on the detail, recommend a certain product meeting the criteria on the plans, if not already provided.

3. After-the Fact Disturbance (Env-Wq 1503.31): Provide a current conditions plan that clearly identifies all disturbances and construction that was done without a permit. Include a limit of disturbance line on the plans for the after-the fact work including widening Stowe Road.
4. Provide treatment of stormwater for the upgraded portion of Stowe Road.
5. This project proposes to excavate adjacent to wetlands. A permit under Section 404 of the Clean Water Act (CWA) or a 401 Water Quality Certification may be required. Please coordinate with the US Army Corps of Engineers (lindsey.e.lefebvre@usace.army.mil) and the NHDES Watershed Management Bureau (james.w.tilley@nh.des.gov) to verify these determinations. Include any pertinent correspondence with your resubmittal.
6. The project proposes to blast more than 5,000 cubic yards of ledge. A Groundwater Monitoring Plan was submitted with the application. The plan has been sent to the DES Drinking Water & Groundwater Bureau for review. Any forthcoming comments received will be sent upon receipt.
7. This project will require a Site Specific Soil Survey because the project proposes off site runoff from the excavation area.
8. A note must be provided on the plans indicating the *name of the wetland scientist* who did the wetland delineation and the date the delineation was performed. The map must also include the wetland scientist's seal and signature. Also, please be aware that wetlands delineations older than 5 years will need to be revisited to ensure their accurate representation. (Env-Wq 1504.01(c) and (d)). The delineation must also include the area associated with the Stowe Road upgrade.
9. Source Control Plan: The plans must be specific about how fueling will occur on site or a note added to the plan that states: *No fueling of vehicles on site*. If a permanent location is proposed for dispensing fuel on site, the plans must include the specific location. If fuel will be stored on site, containment mechanisms for storage of fuel or other regulated substances must also be depicted on the plans. If mobile fueling will be utilized, specific notes can be added to the plans. Please review NHDES fact sheet WD-DWGB-22-6, Best Management Practices for Fueling and Maintenance of Excavation and Earthmoving Equipment for requirements and contact me for guidance.
10. When project activities are located within 50 feet of a water body or wetland, please show a double row of perimeter controls on the plans.
11. Please note, Environmental Monitoring per Env-Wq 1505.03(d) is not required for excavation projects.
12. The plans call for 6" of loam and seed for disturbed areas, including over areas of exposed ledge on the pit floor. Typically, the requirements of the NRCS publication 'Vegetating New Hampshire Sand and Gravel Pits', Revised April 2000 (PM-NH-21) including the specified site preparation, seeding procedures and seed mixes are more conducive to vegetating gravel pits. Considering this is a ledge pit, please verify that these sections should not replace those currently proposed for the site for areas that will be vegetated.

13. Drainage Analysis (Env-Wq 1504.09)

- a. Use 100' of sheet flow in the pre-development to be consistent with the post-development.
- b. Per the proposed grading, a portion of S1 (post) to the west will not flow to the pond but will bypass directly to the wetland.

14. Inspection and Maintenance Manual (Env-Wq 1507.07): Please provide an inspection and maintenance manual for all BMPs used on site in accordance with Env-Wq 1507.07. Include the contact information of the person responsible for the I&M implementation, including their phone number and email address.

15. After any necessary revisions to the HydroCAD analysis to respond to the above, submit a revised summary table of the 2-year, 10-year and 50-year pre- and post-development flows, and if necessary, the 2-year pre- and post-development runoff volumes or 1-year flow (pre), to show compliance with the requirements of Env-Wq 1507.05(b).

16. Pursuant to Env-Wq 1503.15(b), changes to the revised plans are to be called out and a revision date must be added to each page that has been changed. Graphical revision call-outs should be included on the plans. If any changes to the plans or the hydrologic/hydraulic analysis were made other than those identified above, please indicate what additional changes were made in your response letter.

17. Project CD:

Please note that, in accordance with Env-Wq 1503.20(e), within one week of a project being permitted the department requires that a CD be submitted which includes a copy of the plans and the drainage report (including the summary, drainage analysis, riprap sizing calculations, USGS map, etc.), all in PDF format. This will assist DES in minimizing our long-term file storage space requirements.

Please respond to this request for more information letter in accordance with the provisions of Env-Wq 1503.15. Please include the file number on your response to this request, as well as a narration of the changes from the current application. Please be aware that in accordance with RSA 485-A:17, if all of the information requested above is not provided in a **single and complete** response within the next 120 days, **by September 29, 2022, your application will be denied**. If you have any questions, please call me at (603) 271-3249 or email at: michael.j.schlosser@des.nh.gov.

Sincerely,



Michael Schlosser, PE
Alteration of Terrain Bureau

cc: Chester Planning Board (submitted through Town website)
Doug MacGuire, The Dubay Group, Inc. (via email)