

Andrew Hadik

From: Schlosser, Michael <Michael.J.Schlosser@des.nh.gov>
Sent: Thursday, October 27, 2022 9:34 AM
To: Andrew Hadik
Subject: FW: Request for More Information: Chester Gravel Pit, Chester, AoT Application 220412-081

Hello,

The email below is a second Request for More Information for the above listed AoT application.

Thanks,

Mike Schlosser, PE
Alteration of Terrain Bureau, Land Resources Management

Water Division, NH Department of Environmental Services
29 Hazen Drive, PO Box 95
Concord, NH 03302-0095
(603) 271-3568 ***Please note my new phone number**

Michael.J.Schlosser@des.nh.gov



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From: Schlosser, Michael
Sent: Friday, October 21, 2022 8:20 AM
To: 'Jacob Doerfler' <jake@thedubaygroup.com>; Doug MacGuire <doug@thedubaygroup.com>
Subject: Request for More Information: Chester Gravel Pit, Chester, AoT Application 220412-081

Hi Doug & Jake,

I reviewed your 9/23/22 and 10/19/22 resubmittals and have the following comments:

1. Add the Project Name per the AoT application to NHFG Condition #1.
2. *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.*
I don't see this plan or limit of disturbance line.
3. *Provide treatment of stormwater for the upgraded portion of Stowe Road.*
Please provide a letter from your CWS (stamped and signed) that states there were no wetland impacts associated with the upgrades to Stowe road.
4. *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*

[\(james.w.tilley@nh.des.gov\)](mailto:james.w.tilley@nh.des.gov) to verify these determinations. Include any pertinent correspondence with your resubmittal.

After further review the following will be required to prove that the excavation will not dewater the adjacent wetland:

It must be demonstrated that the requirements of Env-Wq 1708 Anti-Degradation are being met ensuring that rerouting of runoff away from the wetlands will not result in dewatering of the wetland. Pursuant to Env-Wq 1708.09, *any discharge or activity that is projected to use 20% or more of the remaining assimilative capacity for a water quality parameter, in terms of either concentration or mass of pollutants, or volume or flow rate for water quantity, shall be considered a significant lowering of water quality.* Provide calculations as necessary to demonstrate that this requirement is met, using flow rate and volume as an indicator.

The analysis must consider the effect of the excavation in the pit to a floor elevation below that of the wetlands. For this analysis, subsurface exploration may be required to determine whether the wetland is perched or fed by groundwater. If the latter, installation of piezometers and monitoring of water levels in response to pumping will be required to support this analysis.

5. *This project will require a Site Specific Soil Survey because the project proposes off site runoff from the excavation area.*

Provide color soil plans. The soil scientist must stamp a plan that has the soil map lines, soil map units and legend with applicable HSG noted.

6. *Drainage Analysis (Env-Wq 1504.09): 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.*

This is in reference to the west side of the pit. The area to the west of the point that P-FG contour 252 ties into EG and extending north to the pit wall, will flow to the west and not reach the pond.

Please let me know if you have any questions. This application will expire after 10/22/22. Please send back the signed time extension agreement sent on 10/19/22 to keep the application active.

Thank you,

Mike Schlosser, PE
Alteration of Terrain Bureau, Land Resources Management

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Concord, NH 03302-0095
(603) 271-3568 ***Please note my new phone number**

Michael.J.Schlosser@des.nh.gov



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From: Jacob Doerfler <jake@thedubaygroup.com>

Sent: Friday, September 23, 2022 4:27 PM

To: Schlosser, Michael <Michael.J.Schlosser@des.nh.gov>

Cc: Doug MacGuire <doug@thedubaygroup.com>

Subject: Alteration of Terrain Permit Application AoT 220412-081

EXTERNAL: Do not open attachments or click on links unless you recognize and trust the sender.

Hi Mike,

Attached is the resubmission for the Chester Gravel Pit Project.

Please let us know if you have any additional questions or concerns.

Thank you,

Jake

Jacob Doerfler, EIT, CPESC

Project Engineer

The Dubay Group Inc.

Engineers | Planners | Surveyors

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