



The State of New Hampshire

DEPARTMENT OF ENVIRONMENTAL SERVICES



Robert R. Scott, Commissioner

VIA EMAIL

June 13, 2024

Andrew O'Sullivan, Wetlands Program Manager  
Bureau of Environment  
NH Department of Transportation  
7 Hazen Drive  
Concord, NH 03301  
E-mail: [Andrew.M.OSullivan@dot.nh.gov](mailto:Andrew.M.OSullivan@dot.nh.gov)

Subject: Lee, New Hampshire; NHDOT 41322; NH Route 125 over Little River Project  
Turbidity Mixing Zone Designation –**Approval with Conditions**

Dear Mr. O'Sullivan:

The New Hampshire Department of Environmental Services (NHDES), Watershed Management Bureau (WMB), has completed its review of the *Turbidity Mixing Zone Designation*, dated March 7, 2024 (mixing zone request) for the NH Department of Transportation's (NHDOT) NH Route 125 over Little River Culvert Replacement Project in Lee, NH (project). The project proposes to replace the existing culvert and involves realignment of the Little River through the proposed structure and at the inlet to improve geomorphic compatibility. This mixing zone is needed to monitor and control turbidity in the Little River, as needed, for in-water work and construction discharges to ensure the New Hampshire Surface Water Quality Standards Env-Wq 103.11 are met. On April 19, 2024, the NHDOT Bureau of Environment submitted the mixing zone request to the NHDES Wetlands Bureau and WMB, as part of the subject application for a NHDES Wetlands Permit Application.

NHDES has determined that the criteria in Env-Wq 1707.02 have been met and approves the proposed mixing zone with the following conditions:

1. NHDES designates the turbidity mixing zone for the Project as the area from the point of discharge (work site) to 150 feet downstream and one-quarter (1/4) of the width of the Little River.
2. All proposed erosion and turbidity control measures and devices for the Project shall be installed prior to the start of in-water work and maintained throughout the Project. The work shall be in accordance with the approved Wetlands permit and final stream diversion plans that detail the timing and method of stream flow diversion during construction and show temporary siltation, turbidity control and perimeter control measures to be implemented.

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Andrew O'Sullivan, Bureau of Environment  
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Please contact me with any questions or comments relative to this comment letter, at [\(603\) 271-0699](tel:6032710699) or e-mail: [daniel.j.demers@des.nh.gov](mailto:daniel.j.demers@des.nh.gov).

Sincerely,

A handwritten signature in black ink that reads "Daniel J. Demers".

Daniel J. Demers  
Water Quality Certification Supervisor  
Watershed Management Bureau

ec: Jennifer Reczek, NHDOT Bureau of Bridge Design  
Michael Hicks, US Army Corps of Engineers  
Karl Benedict, PW Subsection Supervisor, NHDES Wetlands Bureau  
Dale Keirstead, Highway Specialist, NHDES Wetlands Bureau  
Erin Holmes, P.E., Admin., NHDES Watershed Management Bureau