



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

Subject: Ashland-Bridgewater, New Hampshire; NHDOT 24904; Bridge 076/080 – US Route 3 and NH Route 25 over the Pemigewasset 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 8, 2024 (mixing zone request) for the NH Department of Transportation's (NHDOT) Bridge 076/080 - US Route 3 and NH Route 25 over the Pemigewasset River Project in Ashland and Bridgewater (project). The project is for proposed bridge preservation and rehabilitation construction activities. This mixing zone is needed to monitor and control turbidity in the Pemigewasset River, as needed, for in-water work and construction discharges to ensure the New Hampshire Surface Water Quality Standards Env-Wq 1703.11 are met. On May 3, 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 300 feet downstream and one-quarter (1/4) of the width of the Pemigewasset 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
Ashland-Bridgewater, New Hampshire; NHDOT 24904; Bridge 076/080 – US Route 3 and NH
Route 25 over the Pemigewasset River Project
Turbidity Mixing Zone Designation
June 13, 2024



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.

Sincerely,

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

Daniel J. Demers
Water Quality Certification Supervisor
Watershed Management Bureau

ec: David Scott, 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