

State Planning and Research Program Quarterly Report

PROJECT TITLE: Toxicity Standards for the Qualified Products List

OBJECTIVES: The goal of this project is to “evaluate the need for deicer toxicity test procedures, toxicity and other relevant limits commonly used by state and federal agencies, if a toxicity threshold can and should be required for inclusion in the QPL,” and how these can inform the Clear Roads Qualified Product List (QPL). Recommend threshold limits that will guide Clear Roads, vendors, and agencies in their deicer evaluation and selection will be developed.

PERIOD COVERED: April 1 – June 30, 2026

PARTICIPATING AGENCIES: Minnesota Department of Transportation, Clear Roads Technical Advisory Committee, and the Western Transportation Institute at Montana State University

PROJECT MANAGER:
Hafiz Munir / Adam Wellner

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:
Laura Fay, WTI, MSU

SP&R PROJECT NO:
MnDOT Contract No.
1057599

Federal Project Number:
TPF-5(479)

PROJECT IS:

☐ Planning
☒ Research & Development

ANNUAL BUDGET: \$ 114,995

PROJECT EXPENDITURES TO DATE: \$73,784.59

WORK COMPLETED:

- Project start date April 14, 2025
- Kick off meeting was held May 6, 2025, and meeting notes and slide deck were provided May 6, 2025.
- A check-in meeting was held Aug. 20, 2025, meeting notes and slide deck were provided the same day.
- Task 2 Literature Review was submitted Dec.4, 2025. Project panel review and comments were received Dec. 18, 2025.
- Task 3 Recommendations was submitted Feb. 11, 2026. A meeting was held Feb. 27, 2026 to review the task deliverable and receive feedback. Meeting notes and slide deck were delivered April 2, 2026.
- Task 4 Draft Vendor Template and response to comments from Feb. 27 meeting and Task 3 Recommendations were submitted April 27, 2026. A meeting was held April 29, 2026 to discuss the deliverables. Meeting notes were delivered May 5, 2026.
- Updated/Revised Task 4 and response to comments from May 5 meeting were submitted to project chairs June 2, 2026.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Finalize and get approval on Task 3 Recommendations
- Finalize and get approval on Task 4 Vendor Form
- Submit Final Report, schedule and hold final report webinar.

STATUS AND COMPLETION DATE:

- Nothing to report at this time. Contract end date is 9/30/2026.