

## 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:** October 1 – December 31, 2025

**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

**SP&R PROJECT NO:**  
MnDOT Contract No.  
1057599

**PROJECT IS:**

**LEAD AGENCY:** MnDOT

Planning  
 Research & Development

**PRINCIPAL INVESTIGATOR:**  
Laura Fay, WTI, MSU

Federal Project Number:  
TPF-5(479)

**ANNUAL BUDGET:** \$ 114,995

**PROJECT EXPENDITURES TO DATE:** \$41,344.72

**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.

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

- Submit revised Task 2 Literature Review
- Submit Task 3 Recommendations
- Schedule a meeting to review the Task 3 deliverable
- Begin work on Task 4 Tox Results Template

**STATUS AND COMPLETION DATE:**

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