Authorization to Execute Joint Powers Agreement With Vermillion River Watershed Joint Powers Organization for Enhanced Street Sweeping Study

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Overview

- What is Enhanced Street Sweeping?
- Study Goals
- Outcomes
- Project Partners
- Requested Action

What is Enhanced Street Sweeping?

- Goes beyond routine debris removal
- Can be more cost-effective than other pollutant reduction practices
- Utilizes data to determine where, when, and how often sweeping has the greatest benefit
- Helps optimize routes and schedules targeting high-impact areas for pollutant removal

Study Goals

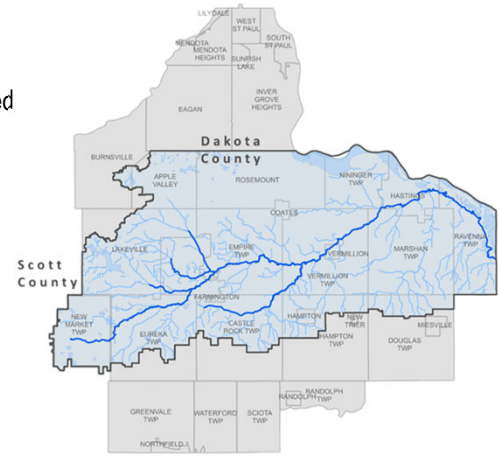
- Evaluate current street sweeping practices using data and performance metrics
- Identify opportunities to improve pollutant removal and operational efficiency
- Support MS4 permit compliance and stormwater management goals

Outcomes

- Strategy for progress towards meeting State-mandated water quality regulations (Waste Load Allocations)
- Reduces sediment, phosphorus, and other pollutants entering local waterways
- Supports clean water and watershed protection goals
- Cost effective Best Management Practice (BMP)
- Report summarizing findings available in 2026

Project Partners

- Funding Agencies
  - Dakota County
  - Vermillion River Watershed
- Other Benefiting LGUs
  - Apple Valley
  - Burnsville
  - Empire
  - Farmington
  - Hastings
  - Lakeville
  - Rosemount
- Consulting Engineer
  - WSB, LLC.



Requested Action

- Dakota County Board of Commissioners authorizes the Physical Development Director to execute a Joint Powers Agreement with the Vermillion River Watershed Joint Powers Organization for an enhanced street sweeping study

Questions?