

## Enhanced Street Sweeping RFP

### Posed Questions and Responses

04/16/2025

Question 1: First, wondering about the timeline you've laid out with the work starting after the first of the year. Is there a specific need to wait for our work to start in 2026 or could it be done sooner? I see that note about proposing an alternative timeline. Is moving it up a bit ok?

*Answer 1: The VRWJPO and Dakota County will be funding this study using 2026 dollars. Unfortunately, the schedule cannot be moved up.*

Question 2: Regarding Task 2. Since the task is to "develop a methodology" it's a bit challenging for us to estimate our costs for implementing said methodology. Can you lay out your expectations for the determination of pollutant loads and also the calculation of reductions to the resource in question?

*Answer 2: The expectation for evaluating existing watershed conditions is to utilize a GIS-based water quality model leaning on methodology used for the MIDS calculator, paired with pollutant loading areal empirical equations developed from the P8 water quality model. The expectation for developing pollutant recovery estimations is one that is centered around Kalinosky, 2015 and Hobbie et al, 2020 research.*

Question 3: Follow up to #2. Can you give us an overview of the existing water quality models or loading determinations that have been built for areas throughout the watershed?

*Answer 3: The selected consultant is expected to develop a comprehensive watershed model; models completed to date are much higher in scale.*

Question 4: – How many discreet TMDLs are in play for this work?

*Answer 4: Impaired Waterbodies (less E. coli) can be seen below:*

- Vermillion River – AUID 07040001-516 – TSS
- Vermillion River – AUID 07040001-517 - TSS
- South Creek – AUID 07040001-527 – TSS
- Vermillion River – AUID 07040001-507 – TSS
- South Branch, Vermillion River – AUID 07040001-707 - TSS
- Vermillion River – AUID 07040001-504 – TSS
- South Metro Mississippi River – AUID 07040001-531 – TSS
- Lake Rebecca – Nutrients
- East Lake – Nutrients – TP
- Farquar Lake – Nutrients – TP

- Long Lake – Nutrients – TP
- Alimagnet Lake – Nutrients – TP

*Underlined waters have a discreet TMDL. Worthy of note: the VRWJPO and partners have addressed Alimagnet's WLA and, should the 2024-2026 split dose alum prove effective, will satisfy full TMDL.*

Question 5: In Task 4 there is a reference using pollutant reductions for impaired AND 'at-risk' waterbodies as a prioritization methodology. Will you be providing the list of 'at-risk' waterbodies? Is the modeling/pollutant determination that is available refined to a point where loading to each of these resources is available??

*Answer 5: The VRWJPO will provide the selected consultant a list of at-risk waterbodies. The selected consultant will have to model loading to impaired and at-risk resources, similar to the Coon Creek Watershed District Street Sweeping Study Phase II completed by EOR. It may be helpful for EOR to provide a cost for 1) impaired waterbodies (as listed in response to question four) and 2) a separate bid item for modeling of up to three at-risk waterbodies.*

Question 6: Also in Task 4 you state that "Cost benefit shall be analyzed on a dollar per pound removal efficiency, denoting comparison to structural BMPs (i.e. hydrodynamic separators, infiltration or filtration, ponding, etc.) Will you be providing the cost per pound removed for the list of structural BMPs or are we expected to determine that?

*Answer 6: The selected consultant is expected to determine comparison of per pound removal efficiencies using the MPCA's Clean Sweep Estimator general guidance.*

Question 7: Would you be open to having our input on the pre-study questions?

*Answer 7: Yes, we would be open to having your input.*