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December 4, 2025

Commissioners
 Shingle Creek and West Mississippi
 Watershed Management Commissions
 Hennepin County, Minnesota

The agenda and meeting packets are available on the Commission's web site.

<http://www.shinglecreek.org/minutes--meeting-packets.html>
 and <http://www.shinglecreek.org/tac-meetings.html>

Dear Commissioners:

Regular meetings of the Shingle Creek and West Mississippi Watershed Management Commissions will be held Thursday, December 11, 2025, at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN. Lunch will be served at 12:00 noon and the meetings will convene concurrently at 12:45.

The Technical Advisory Committee (TAC) will meet at 10:30 a.m., prior to the regular meeting.

Please make your meal choice from all of the items below and email me at judie@jass.biz to confirm your attendance and your meal selection by **noon, Tuesday, December 9, 2025**. Thank you.

Regards,

Judie A. Anderson, Administrator

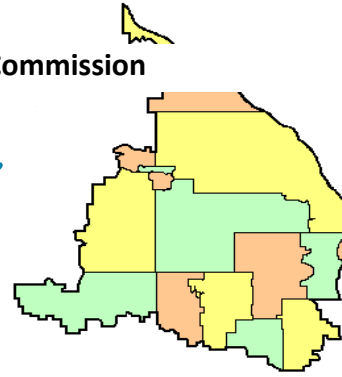
cc: Alternate Commissioners Member Cites Troy Gilchrist TAC Members
 Stantec Consulting Services BWSR MPCA HCEE

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Order your deli sandwich box lunch. Sandwiches come with lettuce, tomato and mayo. As an alternative you may specify your sandwich with wheat bread or as an unwich (lettuce wrapped).

- | | |
|--|--------------------------------|
| 1 Pepe – Ham and cheese | 2 Big John – Roast beef |
| 3 Totally Tuna – Tuna salad and cucumber | 4 Turkey Tom – Turkey |
| 5 Vito – salami, capocollo, cheese, onion, oil and vinegar, oregano-basil (no mayo) | |
| 6 The Veggie – double cheese, avocado spread, cucumber | |
| 14 Bootlegger Club – Roast beef and turkey | |

**Please also indicate: your cookie preference: Chocolate Chip or Oatmeal Raisin
 and your beverage preference: (W) Water (C) Coke (DC) Diet Coke (S) Sprite (N) None**

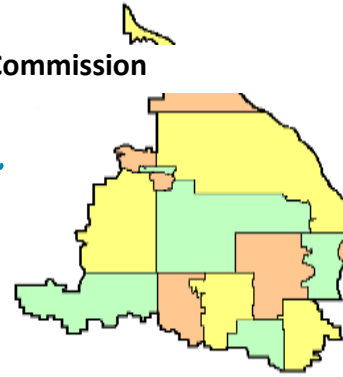


A meeting of the joint Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions is scheduled for **10:30 a.m., Thursday, December 11, 2025**, at the Plymouth Community Center.

AGENDA

1. Call to Order.
 - a. Roll Call.
 - b. Approve Agenda.*
 - c. Approve Minutes of Last Meeting.*
2. Chloride Management Plan Priority Areas.*
3. Brooklyn Center Opportunity Site.*
4. Other Business.
5. Next TAC meeting is scheduled for _____.
6. Adjournment.

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**Technical Advisory Committee
MINUTES | September 11, 2025**

(Discussion pertaining to the SCWMC appears in blue, to the WMWMC in green and shared discussion in black.)

A meeting of the joint Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions was called to order by Chair Richard McCoy at 11:03 a.m., Thursday, September 11, 2025, at the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present: Touyia Lee, Brooklyn Center; Mitch Robinson and Nate Musial, Brooklyn Park; Steven Touney, Champlin; Jesse Struve, Crystal; Derek Asche and Shane Awalt, Maple Grove; Nick Macklem, New Hope; Ben Scharenbroich and Talori Dunsworth, Plymouth; and Richard McCoy and Jenna Wolf, Robbinsdale.

Not represented: Minneapolis and Osseo.

Also present: Burt Orred, Jr., Crystal; Andy Polzin, Plymouth; Wendy Scherer, Robbinsdale; Todd Shoemaker, Grace Neumiller, and Jordan Wochenske, Stantec; and Judie Anderson, JASS.

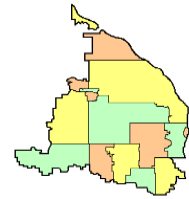
- I. Motion by Struve, second by Dunsworth to **approve the agenda.** * *Motion carried s.*
- II. Motion by Struve, second by Dunsworth to **approve the minutes*** of the August 14, 2025, meeting. *Motion carried unanimously.*

III. LOW SALT DESIGN.

The members briefly discussed “integrating low salt design into concept plan review,” which will be presented by Joey Obeidzinski, Bolton & Menk, at today’s regular meeting. They expressed enthusiasm about this program, which is being created in order to make low salt design more approachable during the concept phase of project design.

IV. MISSISSIPPI RIVERBANK FEASIBILITY STUDY.*

A. In July 2023, the West Mississippi Watershed Management Commission authorized the Mississippi Riverbank Study, funded by a Watershed-based Implementation Funding (WBIF) grant from BWSR. The impetus for this was to further a 2020 site assessment and report that the City of Brooklyn Park and Hennepin County completed. The three primary objectives of this study were to:



1. Update the *Mississippi River Stabilization Project Site Assessment* completed by Hennepin County in 2020;
2. Identify engineering and implementation alternatives; and
3. Recommend an approach to proceed with one or more projects.

The Study Area of this study is a subset of parcels from the 2020 study along the Mississippi River between the TH 610 bridge to the north and 85th Avenue to the south. In the fall and spring of 2023-2024, the County and Stantec reached out to the 59 unique property owners of the 73 parcels in the study area to gather additional input and ask them to grant access to their properties in writing. Nine granted access to their property and three of the nine sites were chosen to move toward 30% design plans and cost estimates. These cost estimates and the stabilization techniques used on the three sites provided a basis for construction cost estimates for adjacent home owners with similar erosion severities. The full memo is posted on the website at [Shingle Creek Minutes & Meeting Packets](#).

B. Stantec shared some of the preliminary findings, design, and an overview of the memo with City of Brooklyn Park staff in late August and agreed that the study was at a point where some of the design and next steps should be reviewed and discussed with the Commission's TAC:

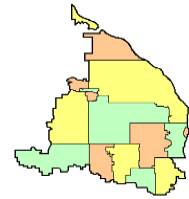
1. Present and discuss the 30% design options for the three selected projects and their costs.
2. Discuss options for finalizing the memo, including:
 - a. Design renderings to help residents better visualize various Stabilization Alternatives,
 - b. Perform site-specific soil loss calculations using the BWSR Pollution Reduction Estimator,
 - c. Include additional standard details within an Appendix to help landowners complete preliminary designs, and/or
 - d. Expand Table 2 within the memo to give more precise ranges of costs for various bank stabilization heights and techniques.

Discuss recommendations to take to the Commission in October or November.

C. Following discussion with the members, including discussion regarding potential funding sources above Commission and City levels, it was agreed that the inclusion of renderings would be helpful. Additional comments were requested by September 19.

V. CRYSTAL LAKE OUTFALL MONITORING.*

A. **Revised Work Order 25-06*** proposes monitoring of inflow at the 38th Ave pipe that discharges to Crystal Lake near the flocculation plant. Monitoring at this location will characterize City of Minneapolis runoff volume and pollutants directed to Crystal Lake, which is impaired for nutrients. Although pipe monitoring is typically a city MS4 requirement and not a Commission responsibility, Crystal Lake 38th Ave outfall is a special case due to Crystal Lake's



nutrient impairment, the involvement of both the cities of Minneapolis and Robbinsdale, and the upcoming CIP project (Minneapolis Flood Area 5). Because of the unique situation, the Commission is exploring sampling the pipe for a limited duration.

B. The manhole at 38th and York Avenues in Robbinsdale was selected for this project. Monitoring at this location requires specialized equipment to measure pipe flow and collect samples during storm events. Some equipment will need to be purchased and are included in the cost estimate. Stantec will purchase and program the equipment. The City of Robbinsdale Public Works will complete the initial install of equipment, which includes confined space entry to the pipe and securing the AV sensor to the bottom of the pipe.

C. Last month, it was agreed that it made sense to conduct full season 2026 monitoring to justify the equipment purchase. Tech Sales quotation* for the equipment was included in the meeting packet. Monitoring will be comprised of ten storm events and five base-flow events. Trash monitoring is not included in the Work Order. The total cost of revised Work Order 25-06 is \$59,540. Funding would come from the unrestricted fund balance.

Motion by Asche, second by McCoy is recommend approval of revised Work Order 25-06.
Motion carried unanimously.

VI. OTHER BUSINESS.

A. The **next TAC meeting** is tentatively scheduled for Thursday, November 13, 2025.

B. There being no further business, the TAC meeting was adjourned at 12:03 p.m.

Respectfully submitted,

Handwritten signature of Judie A. Anderson in black ink.

Judie A. Anderson
Recording Secretary
JAA:tim

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To: Shingle Creek/West Mississippi WMO TAC

From: Katie Kemmitt
Diane Spector

Date: December 4, 2025

Subject: Shingle, Elm, and West Mississippi Joint Chloride Management Plan

**Recommended
Commission Action**

For review.

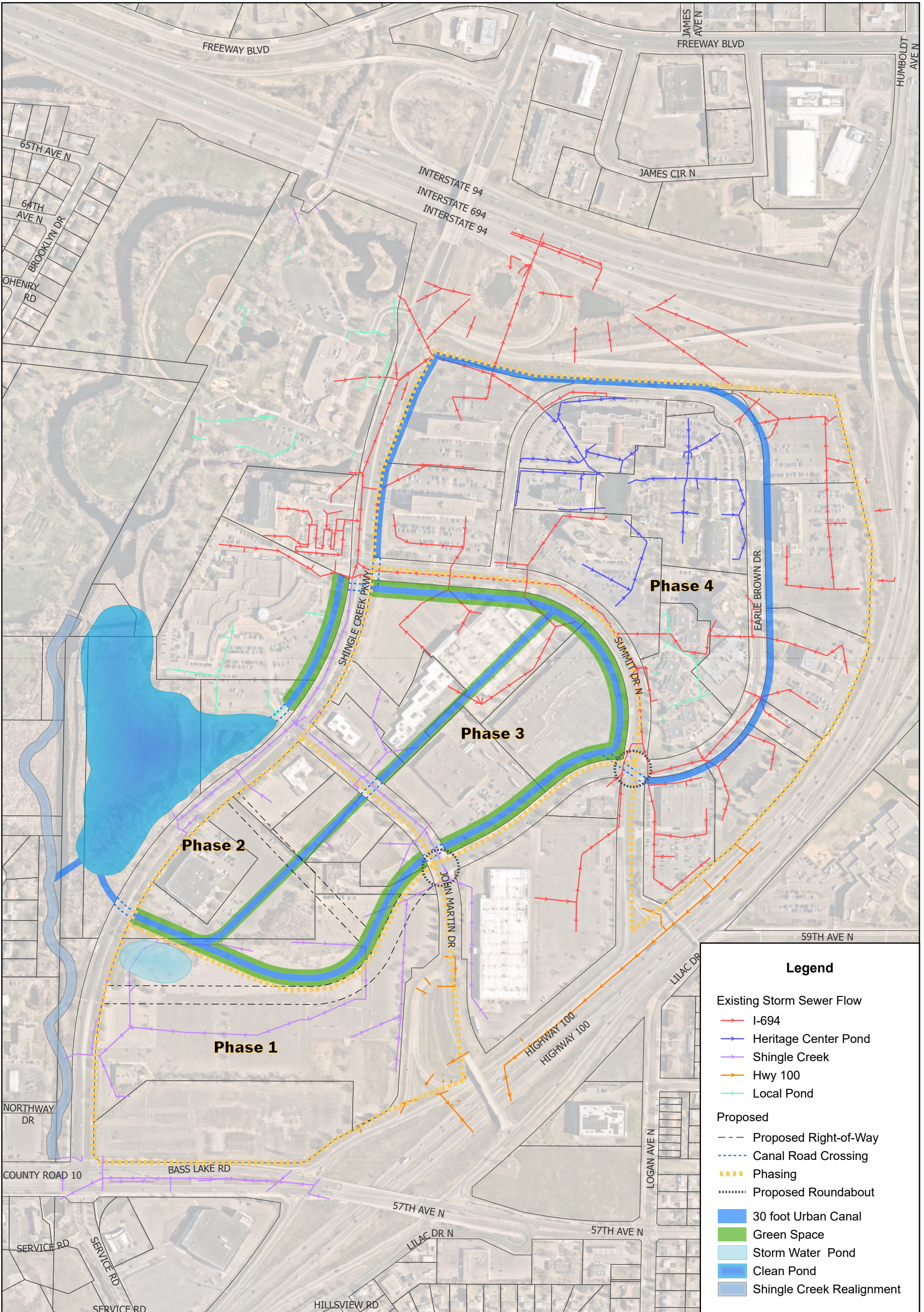
As previously discussed, Shingle Creek, West Mississippi, and Elm Creek WMOs partnered to submit an Accelerated Implementation Grant (AIG) proposal to the Board of Water and Soil Resources (BWSR) for a Joint Chloride Management Plan. Work on the plan began in Spring 2025.

Stantec has been working on geospatial analysis for the management plan to identify key land covers like parking lots, sidewalks, driveways, dirt roads, and cropland within the watersheds. The first stakeholder meeting was held on October 22 over Microsoft Teams. Stantec reached out to private applicators, school districts, Crystal MAC Airport, cities, MPCA, Hennepin County, MnDOT, and others to attend and discuss current chloride management practices on public property. The meeting was well attended by city and county staff. The group also discussed challenges to implementing BMPs and how the watersheds can best support their work. Some key takeaways from the meeting were:

- Smart Salting training is widespread, but it's not clear if it translates to salt applications.
- Public expectations and perceptions of chloride applications are still an issue. Cities and applicators try to meet expectations while balancing responsible application.
- Enforcement of overapplication is challenging due to limited staff availability and the sheer number of applicators.
- The Commissions can help by providing uniform messaging and resources for cities to use with staff and residents, providing funding opportunities, and expanding outreach efforts.

A next step of the development of the Joint Chloride Management Plan is identifying priority areas within each watershed to target chloride management actions. Priority areas may be a particular land use type (parking lots, residential properties, etc.), a shopping center, a business complex, etc. Stantec is also working on developing a survey for road authorities to understand their current chloride practices, challenges, and opportunities.

At the December TAC meeting, staff will share an interactive webmap of the watersheds showing chloride impaired/threatened waterbodies, high density impervious areas, agricultural land, and other relevant geospatial data. As a group, we will identify areas of known or potential concern for chloride use, which will be used to target implementation actions in the Plan.



Legend

- Existing Storm Sewer Flow
 - I-694
 - Heritage Center Pond
 - Shingle Creek
 - Hwy 100
 - Local Pond
- Proposed
 - Proposed Right-of-Way
 - Canal Road Crossing
 - Phasing
 - Proposed Roundabout
 - 30 foot Urban Canal
 - Green Space
 - Storm Water Pond
 - Clean Pond
 - Shingle Creek Realignment



Opportunity Area

Urban Canal Concept



11/24/2025