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 Email: judie@jass.biz • Website: www.shinglecreek.org

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

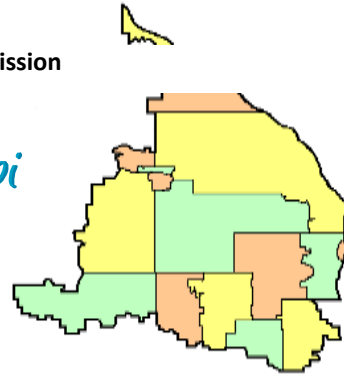
cc: Alternate Commissioners	Member Cites	Troy Gilchrist	TAC Members
Stantec Consulting Services	BWSR	MPCA	HCEE

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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 combined regular meeting of the Shingle Creek (SC) and West Mississippi (WM) Watershed Management Commissions will be convened Thursday, December 11, 2025, at 12:45 p.m. Agenda items are available at <http://www.shinglecreek.org/minutes--meeting-packets.html>. *Black typeface denotes SCWM items, blue denotes SC items, green denotes WM items.* ✓ denotes action required.

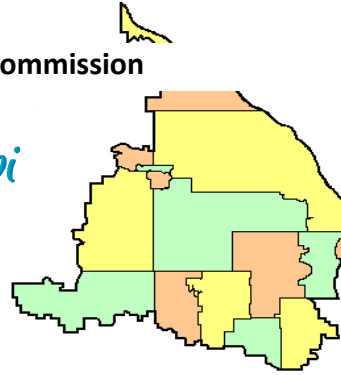
A G E N D A
Regular Meeting | December 11, 2025

1. Call to order.
 - a. Roll Call.
 - ✓✓ b. Approve Agenda.*
 - ✓✓ c. Approve Minutes of Last Meeting.*
2. Reports.
 - ✓✓ a. Treasurer’s Report and Claims – voice vote.**
3. Open Forum.
4. Old Business.
 - ✓✓ a. 2025 Work Plan In Review.*
5. New Business.
 - ✓✓ a. 2026 Work Plan Project Solicitation / Discussion.*
 - ✓✓ b. Winter Salt Week Proclamation.*
6. Project Reviews.
7. Water Quality.
8. Grant Opportunities.
 - a. **DNR AIS Grant Application .***
9. Education and Public Outreach.
 - a. WMWA-next meetings–8:30 a.m., December 9, 2025,and January 13, 2026, via Zoom.
<https://us02web.zoom.us/j/922390839?pwd=TkIBQW1ZNXVXdzdtTDBTSDZkZmZuQT09>
 - b. Grace Barcelow Update.*
 - c. Education and Public Outreach Update.*
 - d. WMWA Strategic Planning Meeting – update.**
 - e. Stewardship Opportunity Journey.*
10. Communications.
 - a. Communications Log.*
 - b. Staff Report.*
11. Other Business.

* In meeting packet or emailed ** Supplemental email / Available at meeting
12. Adjournment.

Previously transmitted * Available on website

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REGULAR MEETING MINUTES

November 13, 2025

(Action by the SCWMC appears in blue, by the WMWMC in green and shared information in black.
*indicates items included in the meeting packet.)

I. A joint meeting of the Shingle Creek Watershed Management Commission and the West Mississippi Watershed Management Commission was called to order by Shingle Creek Chairman Andy Polzin at 12:45 p.m. on Thursday, November 13, 2025, at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present for Shingle Creek: Steve Antolak, Brooklyn Park; Burt Orred, Jr., Crystal; Chuck Lenthe, Maple Grove; Nicole Lovold-Egar, Minneapolis; Bill Wills, New Hope; John Roach, Osseo; Andy Polzin, Plymouth; and Wayne Sicora, Robbinsdale. Not represented: Brooklyn Center.

Present for West Mississippi: Steve Antolak, Brooklyn Park; Chuck Lenthe, Maple Grove; and John Roach, Osseo. Not represented: Brooklyn Center and Champlin.

Also present: Nate Musial, Brooklyn Park; Jesse Struve, Crystal; Derek Asche and Shane Awalt, Maple Grove; Kaitlen Osburn and Nico Cantarero, Minneapolis; Bob Grant and Nick Macklem, New Hope; James Kelly, Osseo; Talori Dunsworth, Plymouth; Wendy Scherer, Richard McCoy, and Jenna Wolf Robbinsdale; Diane Spector and Grace Neumiller, Stantec; Troy Gilchrist, Town Law Center; Grace Barcelow, Hennepin County; and Judie Anderson, JASS.

Also present: Todd Shoemaker, AE₂S, and Amy Loegering and Latoya Turk, City of Brooklyn Center, for Open Forum.

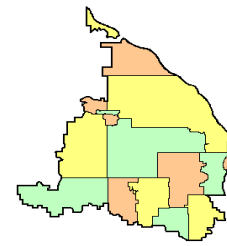
II. AGENDAS AND MINUTES.

A. Motion by Wills, second by Antolak to approve the **Shingle Creek agenda*** as presented. *Motion carried unanimously.*

B. Motion by Antolak, second by Lenthe to approve the **West Mississippi agenda*** as presented. *Motion carried unanimously.*

C. Motion by Lenthe, second by Antolak to approve the **minutes of the October 9, 2025, regular meeting.*** *Motion carried unanimously.*

D. Motion by Lenthe, second by Roach to approve the **minutes of the October 9, 2025, regular meeting.*** *Motion carried unanimously.*



III. FINANCES AND REPORTS.

A. Motion by Orred, second by Lovold-Egar to approve the Shingle Creek **November Treasurer's Report* and claims** totaling \$47,464.90. Voting aye: Antolak, Orred, Lenthe, Lovold-Egar, Wills, Roach, Polzin, and Sicora; voting nay: none; absent: Brooklyn Center.

B. Motion by Lenthe, second by Antolak to approve the West Mississippi **November Treasurer's Report* and claims** totaling \$10,816.02. Voting aye: Antolak, Lenthe, and Roach; voting nay: none; absent: Brooklyn Center and Champlin.

IV. OPEN FORUM.

A. **Shoemaker** was present to advise the members that he has resigned from Stantec and has taken a position with AE2S, and to say “good-bye and thank you” for his past relationship with the members of the Commissions and the Technical Advisory Committees. His contact information is at Todd.Shoemaker@AE2S.com.

B. **Loegering and Turk** were present to introduce themselves and to advise the Commission of an upcoming development in Brooklyn Center’s Opportunity Site redevelopment area. The City is exploring options for stormwater management that are also focal points, such as diverting and filtering water from Shingle Creek to create an aesthetic canal water feature.

V. OLD BUSINESS.

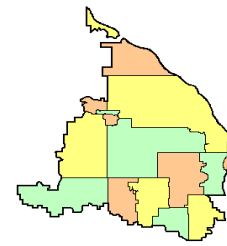
A. **DO TMDL 5-Year Review.*** At the last meeting, Staff reviewed with the Commission the draft DO and Biotic TMDL 5-Year Review. There were several revisions requested and questions for follow-up. The most significant were:

1. Figures were added for each of the tables which show the individual reaches on Upper Shingle, Lower Shingle, and Bass Creeks so readers can better visualize the segments in question.
2. Notes were added to the tables indicating which potential projects are currently on the CIP or are potentially to be added to the CIP.
3. Information was added to the tables about constraints, for example wetland reaches, concrete flume section in Webber Park, limiting future projects.

Staff reviewed the QUAL2K modeling, which uses stream physical and chemical characteristics and processes to model and predict DO in stream flow. This modeling suggests SOD is most sensitive not so much to nutrient or TSS inputs but to channel coverage (i.e., the amount of channel sediments exposed to stream flow) and channel slope. This is why implementation recommendations homed in on reshaping the channel form to minimize the “wetted perimeter” especially at low flows to minimize streamflow exposure to sediments.

DO data will be reviewed more fully in the annual report and more targeted DO monitoring will be incorporated into the monitoring program.

B. **COMMISSION AND WMWA WEBSITES.*** Two RFPs were sent out to qualified website development vendors for the migration and update of three WMO websites, including the Shingle Creek/



West Mississippi website; and the West Metro Water Alliance (WMWA) website. Proposals were due October 15. Three proposals for the WMO work and two proposals for the WMWA work were received.

1. Commission Websites. A small group of representatives from the four Commissions met on October 31 to review and score the proposals. There were some clear front-runners for the work, and all were within the estimated budget. The group elected not to interview any of the vendors but did have follow-up questions to clarify aspects of some of the proposals. With answers to those questions, the group chose Skol Marketing as their final recommendation. Motion by Antolak, second by Lenthe to accept the proposal from Skol Marketing at a cost of \$43,000. *Motion carried unanimously.*

2. WMWA Website. Similar to the Commission website process, a small group of representatives of WMWA met on November 5 to review and score the proposals. This group recommended Avallo Web Development at a cost of \$16,767. Motion by Antolak, second by Lenthe to accept Avallo's proposal. *Motion carried unanimously.*

Staff will request copies of professional services agreements from these firms so that the Commission's attorney can prepare the appropriate contracts.

VI. NEW BUSINESS.

VII. PROJECT REVIEW.

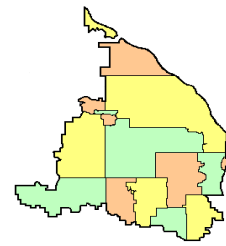
SC2025-09 Boston Scientific Utility Relocations, Maple Grove.* Relocation of existing sanitary main, watermain, storm sewer pipes, and expansion of the existing SE stormwater pond with iron-enhanced sand filter bench on a site located northwest of the Highway 169/I-94/694 Interchange. A complete project review application was received November 6, 2025.

The proposed project is the relocation of underground utilities and expansion of the southeastern stormwater pond with IESF bench for a future building and associated parking. No new impervious area is proposed for this permit. The future building and associated parking will be subject to a future project review where the expanded pond and bench will be evaluated to confirm compliance with Commission requirements.

Commission rules require the site to infiltrate 1.1 inches of runoff from new impervious area within 48 hours. The site is located within the Maple Grove Gravel Mining Area. In 2010, the Commission reviewed and approved a plan by the City of Maple Grove to obtain infiltration credits for this new development by constructing biofiltration basins adjacent to four existing regional stormwater ponds. Stormwater from areas that developed prior to the infiltration rule is directed to these basins. The Commission agreed that these new infiltration basins are adequate to provide regional infiltration for the 553 acres of "undeveloped area" (SC2010-04). This project is located within the "undeveloped area" and, therefore, meets Commission volume control treatment requirements.

To obtain sustainability credits, the applicant proposes to infiltrate runoff from new impervious area directed to the southeastern pond.

To comply with the Commission's water quality treatment requirement, the site must provide



treatment so there is no net increase in TP or TSS from pre- to post-development land cover. Runoff from the site is proposed to be routed through multiple BMPs on site. The northern portion of the site is routed to a NURP pond. The southwestern portion is routed to an irrigation re-use pond that outlets to a pond with an infiltration bench that receives runoff from the rest of the site. No impervious is associated with this permit; therefore, the applicant meets Commission water quality requirements. The expanded pond and bench water quality performance will be evaluated with the future project review.

Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year, 24-hour, and 100-year, 10-day critical storm events. Runoff from the site is routed through three stormwater ponds. The site discharge points are southeast to an existing storm pipe that flows to Eagle Lake and the south to the I-94 ditch. No impervious area is proposed for this project; however, modifications to the stormwater BMP discharging to Project Libre/Eagle Lake are proposed. The applicant meets Commission rate control requirements.

The erosion control plan includes a rock construction entrance, perimeter silt fence/biolog, inlet protection, rip rap at inlets. The erosion control plan meets Commission requirements.

The National Wetlands Inventory identifies one wetland in the center of the site. The City of Maple Grove is the LGU for Wetland Conservation Act administration and applied for a no-loss application for this and other wetlands within the GMA. The Technical Evaluation Panel (TEP) reviewed the application and determined "...based on aerial photo review from 1940-2023 that the GMA undergoes extensive excavation, dewatering, stockpiling, and reclamation processes and that basins in the GMA historically and currently undergo conversion and manipulation and meet the definition of...'nonwetland'." The applicant meets Commission wetland requirements.

There are no Public Waters on this site. The applicant meets Commission Public Waters requirements. 9. There is no FEMA-regulated floodplain on this site. The low floor elevations of the buildings are at least two feet higher than the highwater elevation of the detention ponds/infiltration basins according to Atlas 14 precipitation. The applicant meets Commission floodplain requirements.

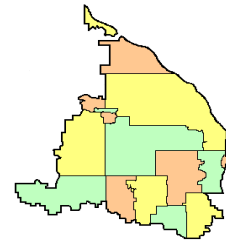
The northwest corner of the site is in a Drinking Water Supply Management Area (DWSMA) but is outside of the Emergency Response Area. The applicant does not propose any infiltration within the DWSMA. The applicant meets Commission drinking water protection requirements.

A public hearing on the project was conducted on May 30, 2023 as part of Planning Commission and City Council review of the common plan of development for this project, meeting Commission public notice requirements.

A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Maple Grove was provided.

Motion by Lenthe, second by Antolak to advise the City of Maple Grove that Project 2025-09 is approved with two conditions:

1. Provide a copy of the NPDES permit and a SWPPP.
2. Demonstrate by double ring infiltrometer or witness test that the new infiltration bench



area meets the design infiltration rate of 0.8 inches/hour.

Motion carried unanimously.

VIII. WATER QUALITY.

IX. GRANT OPPORTUNITIES.

X. EDUCATION AND PUBLIC OUTREACH.

A. West Metro Water Alliance (WMWA). Included in the meeting packet were updates from Grace Barcelow,* Hennepin County Environment and Energy Conservation Specialist, grace.barcelow@hennepin.us, and Joanna Sorenson,* joanna@jass.biz, WMWA Educator.

Excerpts from their reports were also included in Staff's **November 2025 Education and Outreach Update.***

B. West Metro Water Alliance (WMWA) will meet via Zoom at 8:30 a.m., Tuesday, December 9, 2025. The link to join:

<https://us02web.zoom.us/j/922390839?pwd=TkIBQW1ZNXVXdzdtTDBTSDZkZmZuQT09>

C. Outreach Coordinator. Barcelow appeared to describe her work as the half-time WMWA Outreach Coordinator. She reviewed her work on consultations with faith-based communities to reduce their use of de-icing salt, and with residents on lakeshore restoration.

XI. COMMUNICATIONS.

A. November Communications Log.* No action required.

B. November Staff Report.*

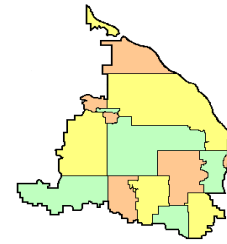
1. Highway 252/94 EIS. The Cooperating Agency update meeting, twice cancelled due to the federal government shutdown, has been rescheduled for January 20, 2026. Topics will include:

a. Recommendations and outcomes of the work completed in Step 4, Phase 1, which includes the refinement and further evaluation of access types/configurations on Highway 252.

b. Proposed changes to the evaluation criteria for Step 4, Phase 2 for the Main-line Alternatives.

2. Mississippi Riverbank Stabilization Study. The feasibility study was presented to the TAC at the September meeting. Since additional budget remains for the study, Staff intend to create a summary sheet explaining the study in simplified terms for educational purposes and distribution to landowners. Landowners will be encouraged to reach out to the Commission if they would like to pursue a project on their properties.

3. Joint Chloride Management Plan. The first stakeholder meeting for development of the plan occurred on October 22 via Microsoft Teams. The meeting invite was extended to chloride applicators and managers of public spaces like roads, sidewalks, parking lots, parks, runways, etc. The meeting sought information from these stakeholders on chloride application practices, management



priorities, and barriers to BMP implementation. Most attendees were City and Hennepin County staff members. Attendees discussed areas of success in chloride management and how the Commissions can support them in their future work within their jurisdictions.

4. Twin Lakes SWA. Staff are comparing load reductions needed to meet water quality standards in Ryan, Middle, and Upper Twin Lakes. Lower Twin Lake already meets state WQ standards. Staff pulled and analyzed all relevant WQ data (TP, Secchi, and Chl-*a*) for each lake to show annual variability. They also downloaded and analyzed variability of TP by depth in all of the lakes to show evidence for internal loading of TP from the sediments.

The 639W Wetland Feasibility Report is being finalized.

The Lake Response Model (LRM) has been updated to include: 2025 internal loading rates for all the lakes and TP watershed loading based on updated P8 model. Other inputs used in the LRM were based on the 1999 Lake Response Model published in the original TMDL. The 2025 updated watershed loads better characterize each lake within the model at this time and the updated lake response model estimates for surface TP in each lake are performing well against surface TP data collected from 2010-2025.

An alum treatment scenario is being modeled for Upper Twin Lake to characterize reductions in internal TP loading and its impact on surface concentrations.

5. 38th Avenue Outfall Monitoring. Staff met with a representative from Tech Sales Company and the City of Robbinsdale on-site to verify equipment needed to monitor the pipe draining to Crystal Lake. Public works employees from the City of Robbinsdale verified that they would assist with equipment installation requiring confined space entry.

6. Grant, Cost-Share and Fund Balances are summarized on the last page of the report.

XII. OTHER BUSINESS.

There being no further business, the meeting was adjourned at 1:39 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Judie A. Anderson".

Judie A. Anderson
Recording Secretary

JAA:tim

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To: Shingle Creek/West Mississippi WMO Commissioners

From: Eric Osterdyk, P.E.
Diane Spector
Grace Neumiller

Date: December 4, 2025

Subject: 2025 Annual Progress Review Cover Memo

**Recommended
Commission Action**

For review and discussion.

The Fourth Generation Plan, adopted in 2023, states that the Shingle Creek and West Mississippi Watershed Management Commissions will annually review progress toward Fourth Generation Plan goals. This evaluation will become part of the Annual Report. There is no specific format for such an annual review.

At the December SCWM Commission Meeting, staff will present the 2025 Annual Progress Review. In January, staff will provide the formal 2026 Annual Progress Review Report for Commission discussion and acceptance, complete with a matrix showing Fourth Generation Plan goals and progress toward reaching each goal, similar to the format for the annual progress review used in previous years. These findings will be reported in your 2025 Annual Report to BWSR.

The purpose of the annual review is first to determine progress towards the goals, and second to be sure the Commissions stay on track to reach them. The annual review is also an opportunity to discuss whether the goals and actions in the Plan still make sense or if they should be considered for modification or enhancement, and perhaps an opportunity to add in new priorities. Ideally, this annual review is also an opportunity to start thinking about your next year's work plan.

A few of the highlights are:

- Received a BWSR grant and began working on a Joint Chloride Management Plan with Elm Creek, as well as other initiatives such as partnering on Low Salt Design Standards and enhanced outreach through WMWA.
- Agreed to partner with Minneapolis and Robbinsdale on special monitoring of the 38th Ave outfall into Crystal Lake.
- Adopted a revised policy for infiltration credits in the MG Gravel Mining Area.
- Completed the Twin Lake carp study and initiated the Twin Lake SWA and Lake Management Plan.
- Continued management actions on Crystal, Meadow, and Eagle Lakes.
- Completed the Mississippi Riverbank Stabilization study.
- Completed the Bass Creek (TH 169 to 62nd Ave) Feasibility Study.
- Completed the Shingle and Bass Creek Biotic and DO TMDL 5 year review.
- Initiated the migration and update of the Commissions' and WMWA's websites

To: Shingle Creek/West Mississippi WMO Commissioners/TAC

From: Eric Osterdyk, PE
Grace Neumiller

Date: December 4, 2025

Subject: 2026 Work Plan

**Recommended TAC/
Commission Action**

For discussion and comment.

The Commissions will establish their 2026 work plans at their January 2026 meeting. The purpose of this item is to solicit input from the TAC and Commissioners about potential items for consideration in 2026. Stantec will present a 2025 Annual Progress Review at the December Commission meeting. It will be helpful to think about what you want to accomplish during the Progress Review presentation. Also note that the Commissions have a very full plate already lined up for 2026 from both routine and carryover activities, so the capacity (and the budget) to take on new activities is relatively limited.

There are several routine items we won't detail here, such as project reviews, the monitoring program, ongoing administration of the CIP/capital projects and the cost share programs, grant and project administration, education and outreach work with WMWA, etc. You also have a number of ongoing subwatershed assessments (SWAs) and feasibility studies that are likely to turn into levy and/or grant projects, and some lake management plans with ongoing maintenance needs. The following are some notable additional actions for 2026:

- Complete the migration and update of the website.
- Implement projects and BMPs that come out of the Twin Lakes Subwatershed Assessment.
- Implement projects and BMPs that come out of the TH 252 Area Subwatershed Assessment.
- Initiate the Lake Magda Subwatershed Assessment.
- Complete the 38th Avenue Outfall special monitoring.
- Enhance outreach to lake associations. This will focus on the lakes that already have or will have Lake Management Plans in implementation (Eagle, Bass, Meadow, and Crystal), although it will be open to all.
- Complete the joint Chloride Management Plan with the Elm Creek WMO, and implement high priority activities, including continuing to work with WMWA to identify and implement additional targeted messaging on the proper use of chlorides for ice control and adopting Low Salt Design Standards for developers.
- Develop a format and process to document potential impacts to and outreach to underrepresented populations to increase engagement and help improve equitable outcomes.

Staff would appreciate your feedback and suggestions for any additional high-priority activities in 2026. We will bring a complete workplan to you in January 2026.

MEMORANDUM

TO: Shingle Creek and West Mississippi Watershed Management Commissions
FROM: Judie Anderson, JASS
DATE: December 2, 2025
SUBJECT: Winter Salt Week Proclamation Request

Watershed Partners has requested that all partner organizations encourage the Governor to proclaim January 26-30, 2026 as Winter Salt Week. Widespread support increases the chances of it being considered.

The verbiage we're asked to send is:

The purpose of Winter Salt Week is to educate the public and professionals about the negative impacts of excessive road salt on freshwater ecosystems, drinking water, and infrastructure, and to promote responsible salt use and alternative winter maintenance practices.

The wording of the proclamation is:

WHEREAS: As winter arrives each year in Minnesota, approximately 404,000 tons of chloride-containing salt is scattered on paved surfaces across the state; and

WHEREAS: Salt applied to streets and sidewalks causes damage to infrastructure and threatens the health of lakes, streams, and drinking water; and

WHEREAS: It only takes one teaspoon of salt to permanently pollute five gallons of water. Once the salt is in the water, it's there for good and continues to build up year after year; and

WHEREAS: By implementing smart salting best practices and new technologies, public agencies and private businesses are reducing salt use by 30-70 percent, while still supporting safe travels for those on our streets and sidewalks; and

WHEREAS: An informed public can support the adoption of best practices in snow and ice control and help advocate for the protection of freshwater resources.

This is the same language as the January 2025 Winter Salt Week proclamation.

To: Shingle Creek WMO Commissioners
From: Katie Kemmitt
Diane Spector
Date: December 4, 2025
Subject: DNR Invasive Aquatic Plant Management Grants

Recommended Commission Action	For information.
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The Minnesota Department of Natural Resources (DNR) opened the 2026 Invasive Aquatic Plant Management Grant Program from November 10 – December 8, 2025. The grant program has up to \$1,060,000 available to lake associations, watershed districts, cities, counties, and Tribal governments for the management of curly-leaf pondweed, Eurasian watermilfoil, flowering rush, and starry stonewort.

The application process is simple and includes providing contact information, the lake name, the target invasive species, and anticipated treatment method and area. Given the short turn around time for grant applications, Stantec sought approval to submit grant applications from the Commission Chair. Once approved, staff submitted applications for Meadow Lake, Eagle Lake, Pike Lake, and Twin Lake on November 20th. All four of these lakes were treated by the Commission in 2025 and are anticipated to require additional treatment in 2026 for curly-leaf pondweed.

Awards will be announced in January 2026 and are determined by the DNR based on the target species, method of treatment, and area of treatment. For more information on the treatment program, see the [DNR’s webpage](#).

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Dear West Metro Water Alliance partners,

We continue to make progress on WMWA projects and advance our education and outreach efforts. Below you'll find updates on current initiatives, next steps, and a summary of recent activity.

Chloride Reduction Campaign

The 2025–2026 chloride campaign plan has been finalized, and outreach to facilities begins this month. Please remember: send me your facility recommendations as soon as possible. I am still waiting for responses from all partners, and these recommendations are essential to begin outreach to new sites.

Youth Stormwater Education Work

Mary Karius is developing a new program to complement *Watershed Connections*, with a focus on stewardship projects such as Adopt-a-Drain. The program is in its early stages, but Mary and other Hennepin County staff are preparing a planning document (attached) to guide project development. This initiative is designed to go beyond monitoring, encouraging students to ask questions and draw meaningful conclusions.

Communications Work

The December media kit will be sent to partners in the coming weeks. I welcome suggestions for winter-themed content; otherwise, I will adapt the chloride media kit for seasonal use.

Parkers Lake Chloride Reduction Project

We continue working with Bolton & Menk to implement recommended practices at four target properties. Consultations have been completed at all facilities in Parker's Lake northern subwatershed with on-site salt storage. This winter, our focus will be to:

- Implement site and equipment upgrades
- Host Smart Salting trainings

Eagle Lake and Fish Lake Shoreline/Yard Restoration Projects

Metro Blooms and Blue Thumb staff have completed and distributed restoration designs to participating residents. I have shared letters of intent with homeowners and continue encouraging implementation. For residents who attended last year's workshops, contracts for stipends are being sent out, with one already fully signed.

For a larger project identified on Fish Lake, ECWMC is interested in partially funding implementation. We are working with the property owner, watershed, and Hennepin County staff to finalize cost-share agreements and plan for spring 2026 implementation.

RBWMO and BCWMC Multi-Family Housing Project Planning (2026–2027)

We have met with RBWMO and BCWMC staff to discuss potential project sites and engagement strategies for 2026. Planning efforts will continue through the remainder of the year.

Strategic Planning Session

In November, WMWA hosted a strategic planning meeting with partners. The session included a review of WMWA's history, current efforts, and thoughtful discussions about the future. I found the conversations very meaningful and am excited to see how WMWA continues to evolve. Thank you to everyone who contributed time and energy - it felt like an important step forward.

Please let me know if you have any questions or comments. I look forward to connecting at the next WMWA meeting.

Thank you,

Grace Barcelow

Hennepin County Environment and Energy

Conservation Specialist

612-910-3914 (mobile) | 612-543-9295 (office)

grace.barcelow@hennepin.us

Pronouns: she/her

Disclaimer: If you are not the intended recipient of this message, please immediately notify the sender of the transmission error and then promptly permanently delete this message from your computer system.



Memo

To: Shingle Creek/West Mississippi WMO Commissioners

From: Eric Osterdyk, PE, CFM
Grace Neumiller

Date: December 4, 2025

Subject: December 2025 Education & Outreach Update

**Recommended
Commission Action**

For discussion and information.

EDUCATION AND OUTREACH UPDATE

Chloride Reduction Campaign

The 2025–2026 chloride campaign plan has been finalized, and outreach to facilities begins this month. Please remember to send Grace Barcelow (grace.barcelow@hennepin.us) your facility recommendations as soon as possible. She is awaiting responses from all partners, and these recommendations are essential to begin outreach to new sites.

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Parkers Lake Chloride Reduction Project

WMWA continues working with Bolton & Menk to implement recommended practices at four target properties. Consultations have been completed at all facilities in Parker’s Lake northern subwatershed with on-site salt storage. This winter, the focus will be to:

- Implement site and equipment upgrades
- Host Smart Salting trainings

Eagle Lake and Fish Lake Shoreline/Yard Restoration Projects

Metro Blooms and Blue Thumb staff have completed and distributed restoration designs to participating residents. Grace shared letters of intent with homeowners and continue encouraging implementation.

For residents who attended last year's workshops, contracts for stipends are being sent out, with one already fully signed.

For a larger project identified on Fish Lake, ECWMC is interested in partially funding implementation. WMWA is working with the property owner, watershed, and Hennepin County staff to finalize cost-share agreements and plan for spring 2026 implementation.

RBWMO and BCWMC Multi-Family Housing Project Planning (2026–2027)

WMWA met with RBWMO and BCWMC staff to discuss potential project sites and engagement strategies for 2026. Planning efforts will continue through the remainder of the year.

Strategic Planning Session

In November, WMWA hosted a strategic planning meeting with partners. The session included a review of WMWA's history, current efforts, and thoughtful discussions about the future. Thank you to everyone who contributed time and energy - it was an important step forward.

Stewardship: Define your goal and take action

Congratulations! You have decided to take action to make a positive impact in your community. Use this document as a guide to create a goal, successfully complete a stewardship project, and celebrate your achievements.

1 Explore the problem

What issue or problem are you interested in?
(For example: reducing litter, planting trees, helping pollinators, etc)

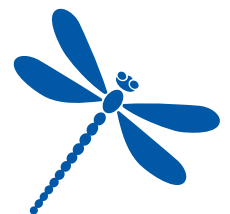


Why do you want to address this problem?

2 Choose a stewardship opportunity

What stewardship opportunities are available to help you address the problem?
(Look online for stewardship or volunteer opportunities near you)

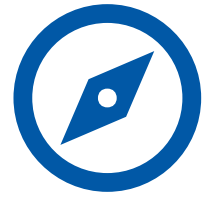
How does the opportunity you've chosen address the problem?



3

Define your goal

What is your SMART goal in pursuing this stewardship opportunity?
(For example: Host one trash clean-up event with 20 people at my school in April this year.)



What is a SMART goal?

A SMART goal is

- S**pecific
- M**easurable
- A**chievable
- R**ealistic
- T**ime-bound

How does the opportunity you've chosen help you meet your goal?

4

Take action

To-do list:

- Complete the journey map on the next page
- Gather any supplies and equipment you need
- Do your project!
- Document your accomplishments and successes by writing them down or taking photos and videos



5

Report

Complete the information on the "Report on your success" page.
Email this document and any additional data such as photos or videos to mary.karius@hennepin.us.



Report on your success

Use this page to document what you accomplished and plan your next steps.

Was your project successful in achieving your goal? Why or why not?

What were three wins you experienced during this project?

Win 1

Win 2

Win 3

Document the data you gathered during your project:

Project completion date: _____

Number of people impacted or involved in the project: _____

Share any other data you collected here:

(For example: number of trees planted, pounds of trash cleaned up, etc.)

Share any feedback you received about your project:

What is the next step? Are you ready to plan your next project?

Email this document and any additional data such as photos or videos to mary.karius@hennepin.us.

WMWA:2025 Stewardship Journey Map





SHINGLE CREEK / WEST MISSISSIPPI WATERSHED MANAGEMENT COMMISSION
MONTHLY COMMUNICATION LOG
December 2025

Date	From	To	SC	WM	Description
11/6/25	Matt Allie, Nico Cantarero, & Liz Stout (City of Minneapolis)	Eric Osterdyk, Richard McCoy, & Jenna Wolf	X		Introduction of the 35 th Avenue N Flood Mitigation Project. Plan is to present to the TAC in early 2026 with construction planned for next Spring or Summer.
11/6/25	Tyler Hastings (CBS Squared)	Eric Osterdyk	X		Project review thresholds & requirements for MCES lift station and utility work in Brooklyn Center near the Centerbrook Golf Course and adjacent to Shingle Creek.
11/7/25	Joseph Rief, Civil Site Group	Eric Osterdyk	X		Project review thresholds & requirements for development at 7000 56th avenue N in Crystal, MN.
11/17/25	Thomas Rapatz, PLM Lake and Land Management	Katie Kemmitt	X		Notification of DNR's 2026 Invasive Aquatic Plant Management Program grants. Applications are due 12/8/25.
11/18/25	Tyler Hastings (CBS Squared)	Eric Osterdyk	X		Project review thresholds & requirements for MCES lift station and utility work in Brooklyn Center near the Centerbrook Golf Course and adjacent to Shingle Creek.
11/19/25	Ian Alexander (Brooklyn Center), Tim Olson (Bolton & Menk)	Eric Osterdyk, David Mulla	X		Introduce the Opportunity Site/Canalway project to Commissioner Mulla to brainstorm project feasibility.
11/20/25	Katie Kemmitt	Andy Polzin, Commission Chair	X		Request approval to submit applications for Eagle, Pike, Meadow, and Twin Lakes to the DNR's 2026 Invasive Aquatic Plant Management Grant Program. Once approved, applications were submitted.
12/2/25	Chris Vath, Schmidt Lake Improvement Association	Ben Scharenbroich, City of Plymouth; Katie Kemmitt	X		Requesting Commission support and financial partnership for internal loading treatment in Schmidt Lake with PhosLock or EutroSORB G. The Lake Association has partnered with SePRO to develop a plan and an estimated project cost of \$80,000.
12/3/25	Ian Alexander (Brooklyn Center), Tim Olson (Bolton & Menk)	Eric Osterdyk, Ryan Toot (DNR)	X		Introduce the Opportunity Site/Canalway project to DNR with respect to groundwater and public waters regulations.

To: Shingle Creek/West Mississippi WMO Commissioners
From: Eric Osterdyk, PE, CFM
Date: December 4, 2025
Subject: December 2025 Staff Report

**Recommended
Commission Action**

For discussion and information.

PROJECT UPDATES

- Mississippi Riverbank Stabilization Study
 - Feasibility study was presented to the TAC at the September meeting.
 - Additional budget remaining for the study.
 - Staff intend to create a summary sheet explaining the study in simplified terms for educational purposes and distribution to landowners. Landowners will be encouraged to reach out to the Commission if they would like to pursue a project on their properties.
 - Staff intend to deliver this summary sheet to the Commission at the January 2026 meeting.
- Joint Chloride Management Plan
 - Staff are working with TAC members to identify priority areas within the watersheds to target implementation actions, such as large parking lots, agricultural lands, or drainage areas of chloride impaired/threatened waterbodies.
 - Stantec is also working on developing a survey for road authorities to understand their current chloride practices, challenges, and opportunities.
- Twin Lakes SWA
 - Staff are comparing load reductions needed to meet water quality standards in Ryan, Middle, and Upper Twin Lakes. Lower Twin Lake already meets state WQ standards.
 - Staff pulled and analyzed all relevant WQ data (TP, Secchi, and Chl-*a*) for each lake to show annual variability.
 - Staff downloaded and analyzed variability of TP by depth in all of the lakes to show evidence for internal loading of TP from the sediments.
 - The 639W Wetland Feasibility Report is being finalized.
 - The Lake Response Model (LRM) has been updated to include:
 - 2025 internal loading rates for all the lakes.
 - TP watershed loading based on updated P8 model.
 - Other inputs used in the LRM were based on the 1999 Lake Response Model published in the original TMDL.
 - The 2025 updated watershed loads better characterize each lake within the model at this time.

- The updated lake response model estimates for surface TP in each lake are performing well against surface TP data collected from 2010-2025.
- An alum treatment scenario is being modeled for Upper Twin Lake to characterize reductions in internal TP loading and its impact on surface concentrations.
- Staff is currently identifying potential BMP locations.

GRANT, COST SHARE, AND FUND BALANCES UPDATE December 2025

Grant Projects

Project	Grant Source	Expiration	Status
<i>Shingle Creek</i>			
Joint Chloride Mgmt Plan	BWSR AIG	12/31/27	GIS work, first stakeholder meeting completed
Lake Magda SWA	WBIF	12/31/27	Not yet begun
Chloride Implementation	WBIF	12/31/27	In progress, waiting for Mgmt. Plan input
Crystal Lake Carp Mgmt	WBIF	12/31/27	Removals complete, awaiting final memo from WSB Engineering
<i>West Mississippi</i>			
Miss Riverbank Stabilization	WBIF	12/31/25	In progress, will present final report in January 2026
Chloride Implementation	WBIF	12/31/27	Cost share in New Hope brine equipment Sept 2025

Cost Share Projects

Project	Partner	Amount	Status
<i>Shingle Creek</i>			
Shingle Creek Rain Gardens	City-Mpls	\$50,000	In progress
FAIR School	FAIR School	\$10,000	In progress
<i>West Mississippi</i>			
Miss Gateway Shoreline Stabil	Partner-3 Rivers	\$75,000	In progress

Encumbered Balances as of 11/30/2025, including levy funds expected 2025

Watershed	City Cost Share	Partnership	Closed Projects	Assigned	Unrestricted
Shingle Creek	\$501,915	\$201,971	\$251,045	\$60,813	\$308,133
West Mississippi	\$565,748	\$290,728	\$129,806	\$129,920**	\$202,834

**About \$89,000 assigned to "Grant Match account"