

3235 Fernbrook Lane N • Plymouth, MN 55447  
Tel: 763.553.1144 • Fax: 763.553.9326  
Email: judie@jass.biz • Website: www.shinglecreek.org

January 2, 2025

Commissioners **and**  
Technical Advisory Committee Members  
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 and Members:

Regular meetings of the Shingle Creek and West Mississippi Watershed Management Commissions will be held Thursday, January 9, 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. We will meet in the **Aspen Room** on the main level.

**The Technical Advisory Committee (TAC) will meet at 11:00 a.m., prior to the regular meeting.**

Please make your meal choice from the items below and email me at judie@jass.biz to confirm your attendance and your meal selection by **noon, Tuesday, January 7, 2025.**

Thank you.

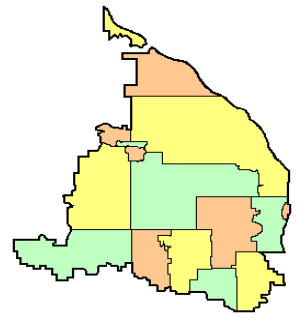
Judie A. Anderson  
Administrator  
JAA:tim

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

Z:\Shingle Creek\Meetings\Meetings 2025 SCWM\01 Regular and TAC Meeting Notice.docx

**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



3235 Fernbrook Lane N • Plymouth, MN 55447  
 Tel: 763.553.1144 • Fax: 763.553.9326  
 Email: judie@jass.biz • Website: www.shinglecreek.org

A combined regular meeting of the Shingle Creek (SC) and West Mississippi (WM) Watershed Management Commissions will be convened Thursday, January 9, 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.*

**AGENDA**  
**January 9, 2025**

1. Call to Order.
  - SCWM a. Roll Call.
  - ✓ SCWM b. Approve Agenda.\*
  - ✓ SCWM c. Approve Minutes of Last Meeting.\*
2. Reports.
  - ✓ SC a. Treasurer’s Report and Claims\*\* - voice vote.
  - ✓ WM b. Treasurer’s Report and Claims\*\* - voice vote.
3. Open forum.
4. Project Reviews.
  - ✓ WM a. WM2024-05 Takeda PV Solar, Brooklyn Park.\*\*
5. Old Business.
  - a. Appointments are still due by the cities of Brooklyn Center and New Hope for Shingle Creek and by the cities of Brooklyn Center and Champlin for West Mississippi. Terms are three years.
6. New Business.
  - ✓ SC a. SC2025 Draft Work Plan.\*
  - ✓ WM b. WM2025 Draft Work Plan.\*
  - ✓ SC c. Crystal Lake Letter.\*
7. Water Quality.
8. Grant Opportunities.
  - a. Chloride Grant Award – update.
- SCWM 9. Education and Public Outreach.
  - a. Winter Salt Week 2025.\*
  - b. WMWA – update.\*\*
  - c. WMWA – next meeting –8:30 a.m., via Zoom, on January 14, 2025.
- SCWM 10. Communications.
  - a. Communications Log.\*
  - b. Staff Report.\*
- SCWM 11. Other Business.
  - a. Review responses to solicitation for letters of interest for legal, administrative, and technical services.\*\* (Responses will be emailed to Commissioners on January 6, 2025.

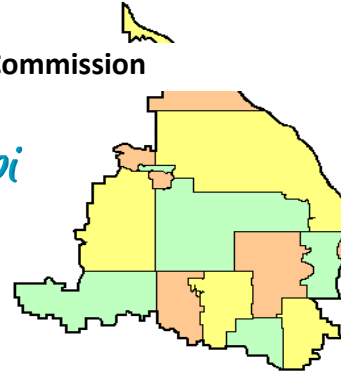
**over**

**b.** Officers will be elected at the February meeting. Current officers are:

Chair:	Andy Polzin	Gerry Butcher
Vice Chair:	Wayne Sicora	David Mulla
Secretary:	Karen Jaeger	Karen Jaeger
Treasurer:	Burt Orred	Karen Jaeger

SCWM **12.** Adjournment.

Z:\Shingle Creek\Meetings\Meetings 2025 SCWM\01 Agenda Regular meeting .docx  
\* In meeting packet or emailed    \*\* Supplemental email / Available at meeting  
\*\*\* Previously transmitted    \*\*\*\* Available on website    √ Item requires action



## REGULAR MEETING MINUTES

December 12, 2024

(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, December 12, 2024, at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present for Shingle Creek: David Mulla, Brooklyn Center; Burt Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Ray Schoch, Minneapolis; Bill Wills, New Hope; John Roach, Osseo; Andy Polzin, Plymouth; Ed Mathiesen and Grace Neumiller, Stantec; Troy Gilchrist, Town Law Center; and Judie Anderson, JASS. Not represented: Brooklyn Park and Robbinsdale.

Present for West Mississippi: David Mulla, Brooklyn Center; Gerry Butcher, Champlin; Karen Jaeger, Maple Grove; John Roach, Osseo; Ed Mathiesen and Grace Neumiller, Stantec; Troy Gilchrist, Town Law Center; and Judie Anderson, JASS. Not represented: Brooklyn Park.

Also present were: Mitch Robinson, Brooklyn Park; Randy Bergstrom, Crystal; Derek Asche, Maple Grove; Bob Grant and Nick Macklem, New Hope; James Kelly, Osseo; Amy Riegel, Plymouth; Richard McCoy and Jenna Wolf, Robbinsdale; and Grace Barcelow, Hennepin County/WMWA.

### II. AGENDAS AND MINUTES.

Motion by Schoch, second by Orred to approve the **Shingle Creek agenda**.\* *Motion carried unanimously.*

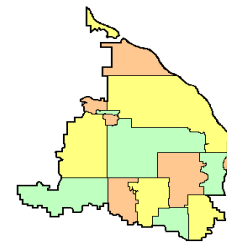
Motion by Butcher, second by Jaeger to approve the **West Mississippi agenda**\* with the removal of item 4.b. Project Review WM2024-03 109th Avenue Reconstruction. *Motion carried unanimously.*

Motion by Schoch, second by Jaeger to approve the **minutes of the November 14, 2024, regular meeting**.\* *Motion carried unanimously.*

Motion by Butcher, second by Roach to approve the **minutes of the November 14, 2024, regular meeting**.\* *Motion carried unanimously.*

### III. FINANCES AND REPORTS.

A. Motion by Schoch, second by Wills to approve the Shingle Creek **December Treasurer's Report**\* and claims totaling \$50,825.63. Voting aye: Mulla, Orred, Jaeger, Schoch, Wills, Roach, and



Polzin; voting nay: none; absent – Brooklyn Park and Robbinsdale.

**B. Motion by Roach, second by Butcher to approve the West Mississippi December Treasurer's Report\* and claims totaling \$16,014.05. Voting aye: Mulla, Butcher, Jaeger, and Roach; voting nay: none; absent – Brooklyn Park.**

**IV. OPEN FORUM.**

**V. OLD BUSINESS.**

**VI. PROJECT REVIEW.**

**SC2024-07: Arbor Lakes Active Living, Maple Grove.\*** Construction of multi-family apartment, parking and adjacent roadway on a 2.7-acre lot north of Village Drive and west of Village Way. Following development, the site will be 63 percent impervious with 1.7 acres of impervious surface, an increase of 1.6 acres. A complete project application was received on December 2, 2024.

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 “undeveloped area” of 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 infiltration basins adjacent to four existing regional stormwater ponds. Stormwater from areas that developed prior to the infiltration rule is directed to these basins. The applicant meets the Commission’s volume control treatment requirements.

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. This requirement is satisfied by the downstream Regional Pond SC-P65. The applicant meets Commission water quality treatment requirements.

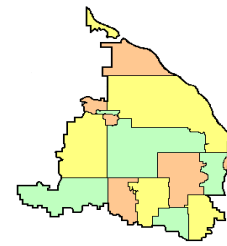
Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year, 24-hour, and 100-year, 10-day critical storm events. Runoff is proposed to be routed to nearby regional ponds. The runoff from the site will be routed through existing storm sewer leading to the adjacent stormwater pond SC-P65. The applicant meets the Commission’s rate control requirements.

The erosion control plan includes a rock construction entrance, perimeter silt fence, and inlet protection. However, construction entrances at all potential access points have not been provided. The erosion control plan does not meet Commission requirements.

The National Wetlands Inventory does not identify any wetlands on site. The applicant meets Commission wetland requirements. There are no Public Waters on this site. The applicant meets Commission Public Waters requirements.

There is no FEMA-regulated floodplain on this site. The low floor elevations of the buildings (907.5’) are at least two feet higher than the high-water elevation of the detention pond SC-P65 (904.91’) according to Atlas 14 precipitation. The applicant meets Commission floodplain requirements.

The site is located in a Drinking Water Management Area but outside of the Emergency Response Area. The applicant does not propose infiltration, so the applicant meets Commission drinking water



protection requirements.

A public hearing on the project was conducted on July 29, 2024 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

An Operations & Maintenance (O&M) agreement between the applicant and the City is unnecessary. The City of Maple Grove is responsible for the operation and maintenance of SC-P65 and the existing infiltration basins.

Motion by Jaeger, second by Schoch to advise the City of Maple Grove that approval of project SC2024-07 is granted with two conditions:

1. Include an additional construction entrance on the south side of the proposed road.
2. It is recommended that the City require a salt management plan for this project.

*Motion carried unanimously.*

## VII. WATER QUALITY.

A. Neumiller presented the **2024 Annual Progress Review**. Highlights included:

1. **Renewal of the Joint Powers Agreement.** As of this meeting, all cities have approved and signed the 2025-2044 agreement.

2. **Submitted grant applications for:**

a. BWSR Watershed-Based Implementation funding projects including the Hennepin County Conservation Specialist, [carp management in Crystal and Twin Lakes](#), and chloride reduction actions.

b. BWSR Clean Water Fund Advanced Implementation Grant for a Joint Chloride Management Plan

c. MPCA Planning Grant for the Colorado Avenue Infiltration Trench project.

3. Conducted Feasibility Studies for:

a. [Mississippi Riverbank Stabilization Project](#).

b. Colorado Avenue Infiltration Trench project (grant awarded, above).

4. Performed subwatershed assessment on Eagle Lake.

5. Undertook Capital/Cost Share/Maintenance Fund Projects.

a. Bass and Pomerleau Lakes were delisted in 2024.

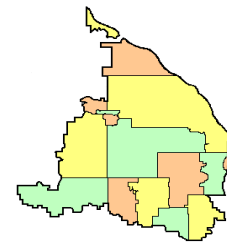
b. Bass Lake received an AIS Herbicide Treatment.

c. Meadow Lake underwent a vegetation survey in the final year of its Maintenance Plan.

d. Spring carp removals occurred on Crystal Lake as part of its Management Plan.

e. Planning and design occurred as part of the Brookdale Park project.

f. Alum treatments were completed on Eagle and Pike Lakes. Monitoring and shoreline restoration workshops also occurred.



6. Shared the Education and Outreach Coordinator. (2.a., above.)
  - a. Disseminated Chloride pollution article.
  - b. Conducted Fish Lake (Elm Creek watershed) and [Eagle Lake Shoreline restoration workshops](#).
  - c. Staged pet waste and chloride campaigns.
  - d. Updated materials on West Metro Water Alliance (WMWA) website.
  - e. Provided classroom lessons throughout the year.

**B.** Neumiller also presented highlights of the [Crystal Lake Management Plan](#), funded by a 2020 MPCA 319 Grant. The Plan was designed to improve water quality through carp removals and in-lake alum treatments. Alum treatments were performed in 2021 and 2022, and sediment coring was completed in fall 2023. Carp removals were conducted annually in 2021-2024, resulting in an estimated decrease in carp population of 8,943 and a biomass reduction of 331 lbs./acre. The Commission will continue monitoring lake water quality and carp biomass and a follow-up carp survey will be conducted in early fall 2025.

Following the presentation, McCoy expressed concern regarding his City's/the Commission's ability to further improve the quality of the water in Crystal Lake due to the apparent lack of initiatives by the City of Minneapolis on the large 66" diameter pipe that conveys stormwater discharge from the 25% of the lake catchment that originates within that city and discharges into the southeast corner of the lake.

There is currently insufficient water quality controls and no volume controls on water being discharged into the lake (which does not have a natural outlet and which Robbinsdale is strictly controlled on discharge rates back into Minneapolis further downstream). This creates continual and ongoing maintenance and volume management problems for Robbinsdale. Additional water quality improvements in the Minneapolis portion of the catchment will assist in improving the lake conditions to the desired goal of having the lake de-listed. This situation will be discussed at a future Technical Advisory Committee (TAC) meeting.

## VIII. GRANT OPPORTUNITIES.

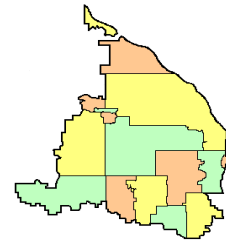
*[Mulla departed 1:45 p.m.]*

## IX. EDUCATION AND PUBLIC OUTREACH.

**A.** Included in the meeting packet is a synopsis of the **Conservation Education and Implementation Partnership Pilot**. It focuses on improving water quality through three key strategies designed to reduce barriers to taking conservation action and is funded by contributions from the West Metro Water Alliance (WMWA), Hennepin County, and grants from the Minnesota Board of Water and Soil Resources (BWSR).

### **B. Grace Barcelow's December Update.**

**What have we been working on since the November WMWA Meeting?**



1. Worked on **chloride pollution media release**. Hennepin County communications leadership decided that the chloride article would be better off as a news release. The article has been reworked and we are working on communicating with newspapers (*StarTribune*, *Sun Post*, *Sun Current*, etc.) and news stations (WCCO, CCX, etc.) to see if any would be interested in picking up the story. Our aim is to get more coverage on WMWA's chloride work and chloride education overall through this approach. Due to this change, I have not yet completed the December media kit. I will be working to get this media kit to communication partners ASAP.

2. Conducted first consultation for the Parkers Lake chloride reduction project.
3. Continued outreach for AAD K12 program.
4. Began conducting consultations at faith-based facilities.
5. Received information on Watershed Connections programming from Mary Karius.
6. Attended MPCA Smart Salting for Parking Lots & Sidewalks Certification Training.

**What work will be happening before the January WMWA meeting?**

7. Continue outreach to involve middle school classrooms in Adopt-a-Drain K12 program.
8. Continue conducting outreach and consultations for Parkers Lake Chloride reduction project.
9. Begin working with facilities to identify what resources could be provided to reduce chloride use.
10. Continue outreach and consultations for the chloride reduction campaign targeting faith-based facilities in WMWA territory and consider including other facilities (like homeowner associations) as connections are built out.
11. Continue progressing Southgate Apartment project, and Fish Lake and Eagle Lake water quality improvement projects.
12. Create media strategy. I will discuss general strategies at our next meeting and get feedback to present a full strategy at our January meeting.!
13. Still working on getting a survey together to identify effectiveness of media kits in 2024.
14. Attending Basett Creek, Elm Creek, and Shingle/West Mississippi Commission meetings in December.

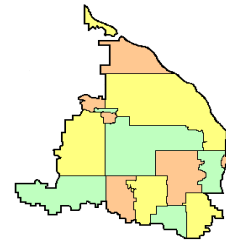
C. **West Metro Water Alliance (WMWA)** will meet via Zoom at 8:30 a.m., January 14, 2025.

**X. COMMUNICATIONS.**

- A. **December Communications Log.\***
- B. **December Staff Report.\***

1. **Mississippi Riverbank Stabilization Study.** Stantec is now progressing this project to preliminary design, and Staff are reaching out to a select few property owners to perform site topographic surveys of the riverbank and backyard areas of 3-4 parcels. They hope to develop three site-specific stabilization plans that highlight these various techniques and serve as a template for other





homeowners. This would also help Staff to estimate costs for stabilizing plans for the various levels of erosion. From their initial outreach, Staff heard from 9 of the ~50 home/landowners who agreed to work with the Commission.

2. **Brookdale Park Shingle Creek Remeander and Enhancement.** Staff have completed funding research and their potential applicability for this project. They continue to meet with City of Brooklyn Park staff to discuss the project and funding options. Funding options and the project cooperative agreement will be presented for consideration at the January Commission meeting.

3. **Winter Salt Week 2025** is January 27-31, 2025. Winter Salt Week is a collaboration of governmental and non-governmental organizations across the United States and Canada with the goal of raising awareness around salt pollution and reduction solutions. This is a great way to engage with Minnesotans on chloride pollution in their communities and continue ‘working to keep freshwater fresh.’ [www.wintersaltweek.org](http://www.wintersaltweek.org) provides a rundown of the daily webinars, including Minnesota speakers providing public works perspectives and presenting on the policy solutions panel. Cities are asked to promote Winter Salt Week through their communication channels and encourage community members to register for live-streams at [www.wintersaltweek.org](http://www.wintersaltweek.org). Councils or Boards are asked to proclaim January 27-31, 2025, as Winter Salt Week and activate their volunteers to help spread the word and organize an activity for local action day. Template resources are available at: [2025 Outreach Materials Google Folder](#).

4. **Grant, Cost-Share and Fund Balances** are summarized on page 3 of the report.

5. **Upcoming conferences** are outlined on page 2 of the report.

C. The Commissions received an email\* from the **League of Minnesota Cities Insurance Trust** with links to 2025 coverages, rates, and dividends.

#### XI. OTHER BUSINESS.

A. Reminder of appointments due by the **cities of Maple Grove, Minneapolis, and New Hope for Shingle Creek** and by the **cities of Champlin and Maple Grove for West Mississippi**. Terms are three years.

B. Responses to the solicitation of **letters of interest** for legal, administrative, and technical services will be considered at the January 9, 2025, meeting.

C. **Officers will be elected** at the February meeting.

D. There being no further business before the Commissions, the joint meeting was adjourned at 1:53 p.m.

Respectfully submitted,

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

Judie A. Anderson  
Recording Secretary  
JAA:tim

**To:** Shingle Creek WMC TAC & Commissioners

**From:** Todd Shoemaker, P.E.  
Katie Kemmitt

**Date:** January 2, 2025

**Subject:** Draft 2025 Work Plan

**Recommended  
Commission Action**

Review, discuss, and propose desired modifications. Approve the work plan or request it be brought back in February.

The following are suggested activities for the 2025 Work Plan, organized by Goal Areas identified in the Fourth Generation Plan and as general, routine Commission business. There are routine, ongoing activities as well as some Commission-funded construction projects expected. Note that we will bring a proposed 2025 Monitoring Plan to the Commission in February, which will provide additional details. Activities in calendar form are attached.

**Goal 1. Protect, maintain, and improve the water quality and ecological integrity of the water and natural resources within the watersheds and the downstream receiving waters.**

- a. Manage aquatic invasive species (AIS) in watershed lakes as necessary. Bass Lake, Twin Lakes, and Meadow Lake all have curly-leaf pondweed infestations.
- b. Implement carp removals and population estimate updates in Crystal and Twin Lakes as part of the FY24-25 Watershed Based Implementation Funding (WBIF) grant.
- c. Continue partnership with the City of Brooklyn Park and Three Rivers Park District to continue planning and design for the Brookdale Park Natural Channel Phase 1 project, the stream restoration on Shingle Creek from the end point of the Connections project in Brookdale Park to just downstream of Xerxes Avenue.
- d. Continue working with the City of Minneapolis in planning for the Minneapolis Shingle Creek Regional Park project.
- e. Continue partnering with the City of Maple Grove to implement the Eagle Lake Management Plan.
- f. Continue to partner with the USGS to operate the Queen Avenue monitoring site.
- g. Stay abreast of other regional and state TMDLs.
- h. Use funding from the Project Maintenance Fund to upkeep past project improvements, including evaluating options for the France Avenue carp barrier
- i. Complete the Lake Magda Subwatershed Assessment to identify BMP opportunities as part of the FY24-25 WBIF grant.

**Goal 2. Reduce stormwater runoff rates and volumes to limit flood risk, protect conveyance systems, protect surficial groundwater, and reduce or mitigate impacts that have already occurred.**

- a. Complete reviews of development and redevelopment projects as necessary.

**Goal 3. Educate and engage all stakeholders in the watersheds on surface water issues and opportunities.**

- a. Participate in the West Metro Water Alliance joint education and outreach group.
- b. Partner with Hennepin County and other local watersheds to fund and provide guidance to the shared Education and Outreach Coordinator.
- c. Work with the shared education and Outreach Coordinator to offer customized shoreline restoration workshops as part of an effort to enhance outreach to lake associations.
- d. Develop a Joint Chloride Management Plan for the watershed with Shingle Creek, West Mississippi, and Elm Creek WMCs.
- e. Develop a format and process for incorporating documentation of potential impacts to and outreach to underrepresented populations to increase engagement and help improve equitable outcomes.

**Goal 4. Anticipate and proactively work to withstand adverse impacts from changing environmental and climate conditions.**

- a. Consider applying for an MPCA Community Resilience grant, if available, in 2025 to model future precipitation scenarios in the watershed.

**Continue ongoing administration and programming.**

- a. Complete the 5-year performance review for the Bass and Shingle Creek Biotic and DO TMDL.
- b. Conduct routine Commission lake water quality monitoring and aquatic vegetation monitoring on Upper and Middle Twin Lakes and project-associated monitoring on Eagle and Pike Lakes.
- c. Conduct Commission routine flow and water quality monitoring on Shingle and Bass Creeks at established monitoring sites.
- d. If available in 2025, sponsor volunteer stream monitoring through Hennepin County's Watershed Connections (formerly RiverWatch).
- e. Sponsor volunteer lake monitoring through Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) on up to four lakes.
- f. Prepare an annual water quality report.
- g. Solicit cost-share projects from member cities funded from the Cost Share Fund and the annual \$100,000 levy and the Partnership Cost Share Fund and the annual \$50,000 levy.

- h. Review feasibility studies for 2025 proposed capital projects, undertake Plan Amendments, hold public hearings, order projects, and certify levies.
- i. Prepare a 2026 annual budget.
- j. Invite three guest speakers to make lunchtime water resources presentations.
- k. Adopt the revised Joint Powers Agreement, as recommended by the Commission attorney.

<b>2025 PROJECTED WORKPLAN</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<i>ROUTINE BUSINESS</i>												
Set annual workplan												
Set annual monitoring program												
Call for CIP/plan amendment proposals												
TAC considers CIP/plan amendments and refers to Commission												
Call for public meeting on CIP/Annual CIP/plan amendments												
Annual water quality report												
Lake monitoring												
Stream monitoring												
Adopt CIP/Annual CIP/plan amendments and set max levy												
CIP/Annual CIP/plan amendments and maximum levy to County												
Initial annual budget review for following year												
Finalize budget and send to cities												
Bass/Shingle Biotic and DO TMDL Five Year Review												
Clean Water Fund grant applications												
Call for public hearing on proposed capital Projects												
Public hearing on proposed capital Projects												
Annual progress review, education, and outreach report												
Project reviews												
<i>PROJECTS &amp; MISC.</i>												
Lake herbicide treatments for AIS (Bass, Twin, Meadow)												
Crystal and Twin Lakes Carp Management (WBIF)												
Shingle Creek Brookdale Park Natural Channel Phase 1												
Minneapolis Shingle Creek Regional Park												
Eagle Lake Management Plan												
Lake Magda Subwatershed Assessment												
Provide customized shoreline restoration workshops												

<b>2025 PROJECTED WORKPLAN</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Draft and adopt criteria for evaluating Commission projects for equity impact												
Draft and adopt Joint Chloride Management Plan												

**To:** West Mississippi WMC TAC & Commissioners  
**From:** Todd Shoemaker, PE, CFM  
Katie Kemmitt  
**Date:** January 2, 2025  
**Subject:** Draft 2025 Work Plan

<b>Recommended Commission Action</b>	Review, discuss, and propose desired modifications. Approve the work plan or request it be brought back in February.
--------------------------------------	--

The following are suggested activities for the 2025 Work Plan, organized by Goal Areas identified in the Fourth Generation Plan as well as some general, routine Commission business. Note that we will bring a proposed 2025 Monitoring Plan to the Commission in February, which will provide additional details. Activities in calendar form are attached.

**Goal 1. Protect, maintain, and improve the water quality and ecological integrity of the water and natural resources within the watersheds and the downstream receiving waters.**

- a. Continue to identify, pursue grant funding for, and implement projects and programs addressing the bacterial impairment in the Mississippi River.
- b. Stay abreast of other regional and state TMDLs.
- c. Identify boundaries of the untreated areas directly connected to the Mississippi River or other conveyances.
- d. Partner with the MWMO to undertake monitoring at the 65<sup>th</sup> Avenue outfall.
- e. Continue to work with Brooklyn Park and Hennepin County on the Mississippi River stabilization project.
- f. Partner with a member city to complete a subwatershed BMP analysis.

**Goal 2. Reduce stormwater runoff rates and volumes to limit flood risk, protect conveyance systems, protect surficial groundwater, and reduce or mitigate impacts that have already occurred.**

- a. Complete reviews of development and redevelopment projects as necessary.

**Goal 3. Educate and engage all stakeholders in the watersheds on surface water issues and opportunities.**

- a. Participate in the West Metro Water Alliance joint education and outreach group.

- b. Partner with Hennepin County and other local watersheds to fund and provide guidance to a shared Education and Outreach Coordinator.
- c. Work with the shared Education and Outreach Coordinator to offer customized workshops on shoreline restoration to lakeshore residents as part of an effort to enhance outreach to lake associations.
- d. Develop a Joint Chloride Management Plan for the watershed with Shingle Creek, West Mississippi, and Elm Creek WMCs.
- e. Develop a format and process for incorporating documentation of potential impacts to and outreach to underrepresented populations to increase engagement and help improve equitable outcomes.

**Goal 4. Anticipate and proactively work to withstand adverse impacts from changing environmental and climate conditions.**

- a. Consider applying for an MPCA Community Resilience grant in 2025, if available, to model future precipitation scenarios in the watershed.

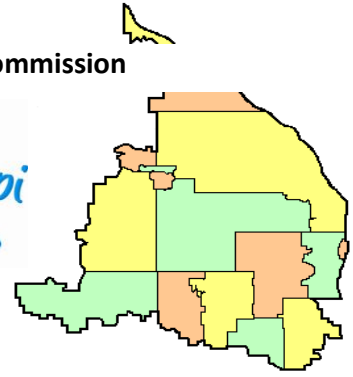
**Continue ongoing administration and programming.**

- a. If available in 2025, sponsor volunteer stream monitoring through Hennepin County's Watershed Connections (formerly RiverWatch).
- b. Prepare an annual water quality report.
- c. Solicit cost-share projects from member cities funded from the Cost Share Fund and the annual \$50,000 levy.
- d. Review feasibility studies for 2025 proposed capital projects, undertake Plan Amendments, hold public hearings, order projects and certify levies.
- e. Prepare a 2026 annual budget.
- f. Invite three guest speakers to make lunchtime water resources presentations.
- g. Adopt the revised Joint Powers Agreement, as recommended by the Commission attorney.



2025 PROJECTED WORKPLAN	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>ROUTINE BUSINESS</i>												
Set annual workplan	█											
Set annual monitoring program		█										
Call for CIP/plan amendment proposals		█										
TAC considers CIP/plan amendments and refers to Commission			█	█								
Call for public meeting on CIP/Annual CIP/plan amendments				█								
Annual water quality report				█								
Stream monitoring	█	█	█	█	█	█	█	█	█	█	█	█
Adopt CIP/Annual CIP/plan amendments and set max levy					█							
CIP/Annual CIP/plan amendments and maximum levies to County					█							
Initial annual budget review for following year					█							
Finalize budget and send to cities						█						
Clean Water Fund grant applications							█	█				
Call for public hearing on proposed capital Projects								█				
Public hearing on proposed capital Projects									█			
Annual progress review, education, and outreach report												█
Project reviews	█	█	█	█	█	█	█	█	█	█	█	█
<i>PROJECTS</i>												
Mississippi Riverbank Stabilization Feasibility Study	█	█	█	█	█	█	█	█	█	█	█	█
Provide customized shoreline restoration workshops	█	█	█	█	█	█	█	█	█	█	█	█
Draft and adopt criteria for evaluating Commission projects for equity impact analysis	█	█	█	█	█	█	█	█	█	█	█	█
Draft and adopt Chloride Management Plan	█	█	█	█	█	█	█	█	█	█	█	█





January 9, 2024

Ms. Rachel Crabb  
Water Resources Supervisor  
Minneapolis Park & Recreation Board  
2117 West River Road, Minneapolis, MN 55411

Ms. Angie Craft  
Director, Surface Water & Sewers  
Minneapolis Public Works  
250 South 4th St, Room 300  
Minneapolis, MN 55415

Dear Partners in Stormwater Management,

Since 1985, the City of Minneapolis and eight other cities have worked jointly to manage and improve the surface waters in the 44 square mile Shingle Creek watershed, guided by a Joint Powers Agreement that was recently extended for another 20 years. We are happy to report that through the joint efforts of the Watershed Commission and member cities five of the lakes in the watershed that were designated by the State of Minnesota as Impaired Waters now meet water quality standards and have been “delisted,” or removed from that designation. The purpose of this letter is to request your increased collaboration to improve the water quality within Crystal Lake. More specifically, we are interested in next steps and plans that your agencies may have to reduce sediment and phosphorus flowing into the lake from the 38<sup>th</sup> Avenue outfall.

Crystal Lake is a 126-acre nutrient-impaired lake located in the city of Robbinsdale. The lake’s watershed spans the cities of Robbinsdale and Minneapolis, with approximately one-third in the city of Minneapolis. The lake is popular among anglers with a public boat landing on the south end and a fishing pier on the north end. There are several city parks abutting the lake as well as a regional bike trail.

Decades of excessive phosphorous loading to the lake cause nuisance algae blooms and has inhibited the growth of aquatic plants, limiting fish habitat and the aesthetic appeal of the lake. But the Commission, Robbinsdale, and Hennepin County have been actively working to reduce these negative effects.

January 9, 2025

Page 2

As you may know, the Total Maximum Daily Load (TMDL) approved for Crystal Lake in 2008 requires a 72 percent reduction in nutrient load to the lake, with the watershed load reduction shared by the cities of Robbinsdale and Minneapolis and Hennepin County. Since then, multiple projects and programs have been implemented to reduce the phosphorus concentration in the lake and improve water clarity. These efforts include a treatment system for water in the lake; alum treatments to reduce phosphorus release from lake sediment; and removal of carp to prevent phosphorus release from lake sediment. A significant amount of work has been done to address watershed load through practices in the watershed to capture sediment and phosphorus before they reach the lake, such as infiltration and treatment BMPs completed by Robbinsdale both as stand-alone projects and as part of neighborhood street and utility improvements, and Hennepin County during the reconstruction of Bottineau Boulevard.

These efforts have largely been successful and the water quality in the lake is better than it has been in years, but we could use your continued partnership to reduce sediment and phosphorus loading coming from Minneapolis from the 38<sup>th</sup> Avenue outfall. Compared to other watershed sources, this pipe now delivers the largest loading of phosphorus to Crystal Lake. The Commission previously partnered with you on the 37<sup>th</sup> Avenue Greenway project; we are ready to continue that partnership for water quality improvements related to the Flood Area 5 project and others in the 38<sup>th</sup> Avenue outfall watershed. The Commission has options to share in the cost of water quality BMPs.

The water quality in Crystal Lake is improving, and we hope you will join us in making it even better as we work toward our ultimate goal of meeting state water quality standards and getting the lake delisted! We look forward to hearing from you soon regarding the next steps that Minneapolis will take to partnering with the watershed in improving Crystal Lake. We'd be happy to meet with you and your staff to discuss how we can continue to work together on this.

Sincerely,

Andy Polzin, Chair  
Shingle Creek Watershed Management Commission

Cc: Liz Stout, City of Minneapolis Water Resources Manager  
Becka Thompson, District 2 MPRB Board Member  
LeTrisha Vetaw, 4<sup>th</sup> Ward City Council Member

Z:\Shingle Creek\Lakes\Crystal Lake\L-City of Minneapolis re Crystal Lake.docx



**To:** SCWM WMO Commissioners  
SCWM TAC

**From:** Diane Spector

**Date:** January 2, 2025

**Subject:** Winter Salt Week

**Recommended TAC/  
Commission Action**

For information.

Winter Salt Week is January 27-31, 2025. Winter Salt Week is a collaboration of governmental and non-governmental organizations across the United States and Canada with the goal of raising awareness around salt pollution and reduction solutions. This is a great way to engage with Minnesotans on chloride pollution in your community and continue ‘working to keep freshwater fresh’.

Visit [www.wintersaltweek.org](http://www.wintersaltweek.org) to get a rundown of the daily webinars including Minnesota speakers providing public works perspectives and presenting on the policy solutions panel. The event consists of a series of online presentations over four days to provide expert knowledge about why we need to reduce winter salt and practical solutions for doing so. The fifth and final day offers an opportunity for cities, watershed organizations, and other to hold their own events.

The Low Salt, No Salt MN team has developed a toolkit for you to help promote Winter Salt Week and plan your own event. Check out the [Winter Salt Week Toolkit](#).

**Online Workshop for Community Leaders about Chloride Pollution.** Encourage your community leaders to sign up for the MPCA’s [Smart Salting: Community Leaders Workshop](#) on January 31, 2025, 11 am-1 pm. This FREE webinar will help attendees understand the impacts of chloride on infrastructure and water resources and provide them with resources and recommended actions to take to make policy changes in their community. [Register today](#).

**Locally.** Some of the member cities are planning on offering public events such as open houses featuring plows and salting/brining equipment (subject to the weather). The Commission can help promote these events on its socials and website and through the contract educator at local schools. Send info to [amy@jass.biz](mailto:amy@jass.biz).

The Joint Chloride Management Plan that will be developed by SCWM and Elm Creek WMOs will incorporate Winter Salt Week into its education and outreach plan. WMWA, Hennepin County Chloride Initiative (HCCI) and Watershed Partners are working with the MPCA to develop Low Salt No Salt and Winter Salt Week into a cohesive, statewide campaign.

Z:\Shingle Creek\Education\Winter Salt Week\M-winter salt week.docx



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

te	From	To	SC	WM	escription
12/4-12/6	Todd Shoemaker, Katie Kemmitt		X	X	Attend Minnesota Watersheds Annual Conference
12/11/24	Tony Kaster, Stantec	Center Point Energy		X	Center Point Energy submitted a wetland boundary & type application for a 13.79-acre study area located within the West Mississippi WMC east of Highway 252, north of I-694, and west of the Mississippi River.  The applicant performed a field investigation of the study area on September 3 & 4, 2024. Stantec, serving on behalf of WMWMC as the LGU, conducted a field review of the area on November 29, 2024. We concurred with the applicant that no wetlands are present within the West Mississippi WMC that is outside of the MnDOT ROW portion of the site.
12/16/24	Earth Evans, WSB	Todd Shoemaker		X	The City of Champlin, in partnership with the City of Brooklyn Park, submitted a complete project review application on September 26, 2024 for the reconstruction of 109 <sup>th</sup> Avenue. In an email to Todd Shoemaker on December 16, 2024, the applicant acknowledged some design changes were still occurring, and therefore, requested an additional 60 days for this project review. Stantec extended the review deadline from January 24, 2025 to March 25, 2025.
12/16/24	Nathan Nohner, Larson Engr.	Todd Shoemaker	X		Clarification of project review requirements for a future project at 11200 93Rd Ave N, Maple Grove 55369 (Osseo Education Service Center).
12/16/24	Garrett Miller, Assistant Invasive Species Specialist, MnDNR	Katie Kemmitt	X	X	Request for project summary on Bass Lake Vegetation Improvements to inform State on any patterns on what is successful with vegetation transplanting projects.
1/2/25	Brandon Link	Todd Shoemaker	X		Mr. Link requested information regarding who owned Shingle Creek within Brooklyn Park. Todd responded with a link to the interactive Hennepin County Property Map.

**To:** Shingle Creek/West Mississippi WMO Commissioners  
**From:** Todd Shoemaker, PE, CFM  
Grace Neumiller  
**Date:** January 2, 2025  
**Subject:** January 2025 Staff Report

**Recommended  
Commission Action**

For discussion and information.

**PROJECT UPDATES**

- Mississippi Riverbank Stabilization Study
  - Stantec is now progressing this project to preliminary design. We have collected survey data from three properties and are putting together plans and details for various stabilization techniques.
  - We hope to develop 3 site-specific stabilization plans that highlight these various techniques and serve as a template for other homeowners. This would also help us estimate costs for stabilizing plans for the various levels of erosion.
  - From our initial outreach, we heard from 9 of the ~50 home/landowners who agreed to work with us and give us access to their properties. We are re-engaging with some homeowners to set-up times for our survey teams to go collect some additional data.
- Brookdale Park Shingle Creek Remeander and Enhancement
  - Staff met with City of Brooklyn Park staff to discuss the project, funding alternatives, and options.
  - Staff continues to develop the funding options and recommendations memo.
  - Funding options and the project cooperative agreement will be presented for consideration at a future meeting.

**GRANTS****Clean Water Fund Accelerated Implementation Grant**

Shingle Creek, West Mississippi, and Elm Creek Watershed Management Commissions have been awarded the BWSR Clean Water Fund Accelerated Implementation Grant submitted in August 2024. The grant award is \$47,455 for development of a joint Chloride Management Plan that will include data analysis of current conditions in the watersheds, a problem assessment that identified priority areas for mitigation, and a list of priority actions for implementation. Staff are working on getting a grant agreement, workplan, and execution in place and plan to begin work in late January or early February.



**EDUCATION AND OUTREACH UPDATE**
**Winter Salt Week 2025**

Winter Salt Week is January 27-31, 2025. Winter Salt Week is a collaboration of governmental and non-governmental organizations across the United States and Canada with the goal of raising awareness around salt pollution and reduction solutions. You can learn more and **register for free online seminars** here: <https://wintersaltweek.org/>.

The [Winter Salt Week Tool Kit](#) was recently developed through the Low Salt, No Salt MN campaign. It provides ready-made resources for cities, watersheds, and others.

**Cities** – Consider sharing the tool kit with your communications departments and/or ask your council to adopt the Winter Salt Week Proclamation (template in the tool kit).

**Commissioners** – Consider sharing or using pieces of the tool kit with organizations like employers, schools, places of worship, etc.

The City of Plymouth invites you to their **Winter Maintenance Open House** at the Plymouth Maintenance Facility (14900 23<sup>rd</sup> Ave N) on Thursday, January 30<sup>th</sup> from 2-5pm. This event aims to show the public, contractors, and staff from other cities how Plymouth performs winter maintenance with environmental protection in mind. Staff will be giving tours of our plows, anti-icing equipment, and brine-making facility. All are welcome to attend!

**WMWA Meetings**

- The January WMWA meeting is Tuesday, January 14 at 8:30 AM.
- The February WMWA meeting is Tuesday, February 11 at 8:30 AM.

**UPCOMING STORMWATER / WATERSHED MANAGEMENT CONFERENCES**

<b>Date</b>	<b>Conference</b>	<b>Location</b>
Jan 28-30	MN Erosion Control Association Conf	Plymouth, MN
Jan 29-31	City Engineer’s Association of MN	Bloomington, MN
Feb 23-26	Upper Midwest Stream Restoration Symposium	Dubuque, IA

**GRANT, COST SHARE, AND FUND BALANCES UPDATE**

**Grant Projects**

Project	Grant Source	Expiration	Status
<i>Shingle Creek</i>			
Meadow Lake Mgmt Plan	CWF	12/31/24	Work complete, final report due 1/31/25
Palmer Creek Estates Stream Resto: Plymouth	CWF	12/31/24	Work complete, final report due 1/31/25
Colorado Ave Infiltration Trench design	MPCA	06/30/25	In progress
<i>West Mississippi</i>			
Miss Riverbank Stabilization	WBIF	12/31/25	In progress

**Cost Share Projects**

Project	Partner	Amount	Status
<i>Shingle Creek</i>			
Shingle Creek Rain Gardens	City-Mpls	\$50,000	In progress
<i>West Mississippi</i>			
Miss Gateway Shoreline Stabil	Partner-3 Rivers	\$75,000	In progress
B Center Elementary	Partner-Trust Public Land	\$20,000	In progress

**Encumbered Balances as of 11/30/2024**

Watershed	City Cost Share	Partnership	Closed Projects	Assigned	Unrestricted
Shingle Creek	\$397,944	\$158,873	\$357,891*	\$60,813	\$248,857
West Mississippi	\$512,747	\$214,813	\$151,306	\$154,320**	\$162,276

\*Reflects encumbrance for Eagle/Pike Lake approved in 03/2024.

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