

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.*

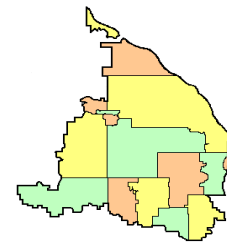
Motion by Butcher, second by Jaeger to approve the **West Mississippi agenda*** with the removal of item 4.b. Project Review WM2024-03 109th Avenue Reconstruction. *Motion carried unanimously.*

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.

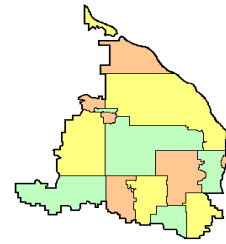
Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year, 24-hour, and 100-year, 10-day critical storm events. Runoff is proposed to be routed to nearby regional ponds. The runoff from the site will be routed through existing storm sewer leading to the 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:

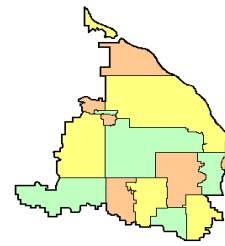
1. Include an additional construction entrance on the south side of the proposed road.
2. It is recommended that the City require a salt management plan for this project.

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 OPPORTUNITITES.

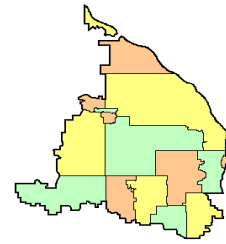
[Mulla departed 1:45 p.m.]

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?

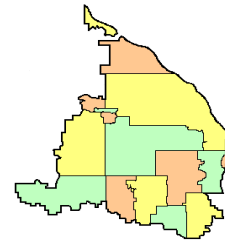
7. Continue outreach to involve middle school classrooms in Adopt-a-Drain K12 program.
8. Continue conducting outreach and consultations for Parkers Lake Chloride reduction project.
9. Begin working with facilities to identify what resources could be provided to reduce chloride use.
10. Continue outreach 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 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. 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.

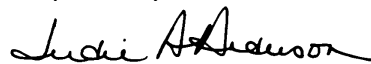
A. Reminder of appointments due by the [cities of Maple Grove, Minneapolis, and New Hope for Shingle Creek](#) and by the [cities of Champlin and Maple Grove for West Mississippi](#). Terms are three years.

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,



Judie A. Anderson
Recording Secretary
JAA:tim