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REGULAR MEETING

MINUTES

October 13, 2022

(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, September 8, 2022, in the Aspen Room, Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present for Shingle Creek were: David Mulla, Brooklyn Center; Burt Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Ray Schoch, Minneapolis; Bill Wills, New Hope; Andy Polzin, Plymouth; Wayne Sicora, Robbinsdale; Diane Spector and Todd Shoemaker, Stantec; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS. Not represented: Brooklyn Park and Osseo

Present for West Mississippi were: David Mulla, Brooklyn Center; Melissa Collins, Brooklyn Park; Karen Jaeger, Maple Grove; Diane Spector and Todd Shoemaker, Stantec; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS. Not represented: Champlin and Osseo.

Also present were: James Soltis, Brooklyn Center; Mitchell Robinson, Brooklyn Park; Mark Ray, Crystal; Derek Asche, Maple Grove; Elizabeth Stout, Minneapolis; Nick Macklem, New Hope; Leah Gifford, Amy Riegel and Ben Scharenbroich, Plymouth; and Richard McCoy and Mike Sorensen, Robbinsdale.

II. Agendas and Minutes.

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

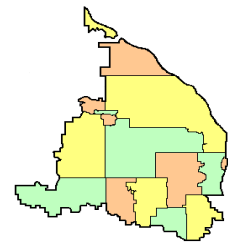
Motion by Jaeger, second by Collins to approve the **West Mississippi agenda**. * *Motion carried unanimously.*

Motion by Schoch, second by Orred to approve the **minutes of the September 8, 2022, regular meeting and public hearing**. * *Motion carried unanimously.*

Motion by Collins, second by Jaeger to approve the **minutes of the September 8, 2022, regular meeting and public hearing**. * *Motion carried unanimously.*

III. Finances and Reports.

A. Motion by Schoch, second by Orred to approve the Shingle Creek **October Treasurer's Report* and claims** totaling \$116,688.05. Voting aye: Mulla, Orred, Jaeger, Schoch, Wills, Polzin, and Sicora; voting nay: none; absent: Brooklyn Park and Osseo.



B. Motion by Jaeger, second by Collins to approve the **West Mississippi October Treasurer's Report* and claims** totaling \$15,782.83. Voting aye: Mulla, Collins, and Jaeger; voting nay: none; absent – Champlin and Osseo.

IV. Open Forum.

V. Project Reviews.

A. WM2022-05 610 Junction West, Brooklyn Park.* Construction of two industrial buildings on a 17.22 acre site located at 9500 Decatur Drive North. Following development, the site will be 85 percent impervious with 14.6 acres of impervious surface, an increase of 14.6 acres. There is an adjacent eight-acre site immediately west of this project area that will be subject to a separate project review. A complete project application was received on September 21, 2022.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards with dead storage volume equal to or greater than the volume of runoff from a 2.5" storm event, or BMPs providing a similar level of treatment - 85% TSS removal and 60% TP removal. Infiltrating 1.3-inches of runoff, for example, is considered sufficient to provide a similar level of treatment. If a sump is used the MnDOT Road Sand particle size distribution is acceptable for 80% capture.

Runoff from the site is proposed to be routed to an infiltration basin. The applicant meets Commission water quality treatment requirements. Commission rules require that site runoff is limited to predevelopment rates for the 2-, 10-, and 100-year storm events. Runoff from the site is routed through an infiltration basin. The applicant meets Commission rate control requirements.

Commission rules require the site to infiltrate 1.0 inch of runoff from new impervious area within 48 hours. The new impervious area on this site is 14.22 acres, requiring infiltration of 53,160 CF within 48 hours. The applicant proposes to infiltrate 78,000 CF within 48 hours in an on-site basin. The applicant meets Commission volume control requirements.

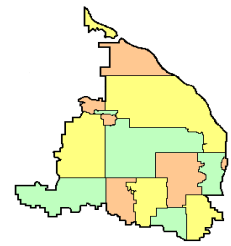
The erosion control plan includes rock construction entrances, perimeter silt fence/biolog, silt fence surrounding infiltration basin, inlet protection, rip rap at inlets, slope checks, and native seed specified on the basin slopes. The erosion control plan meets Commission requirements.

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 are at least two feet higher than the high water elevation of the infiltration basin according to Atlas 14 precipitation. The applicant meets Commission floodplain requirements.

The site is located in a Drinking Water Management Area but is outside of the Emergency Response Area. Therefore, infiltration is permitted, but infiltrated water must first filter through one foot of soil, the top four inches of which are amended topsoil, and the bottom 8 inches of which are tilled. The applicant proposes infiltration through 24 inches of planting medium. The applicant meets the Commission drinking water protection requirements.

A public hearing on the project was conducted on July 13, 2022, as part of the Planning Commission and City Council review of this project, meeting Commission public notice requirements.



A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Brooklyn Park was not provided.

Motion by Collins, second by Jaeger to advise the City of Brooklyn Park that Project Review 2022-05 is approved subject to the following conditions:

1. Submit an approved MNDOT drainage permit to document that installation of the secondary outlet pipe is acceptable.
2. Provide a complete O&M agreement between the applicant and the City of Brooklyn Park for all stormwater facilities on the project site.
3. Demonstrate by double ring infiltrometer or witness test that the site can meet the design infiltration rate of 0.8 inches/hour.
4. The Commission advises United Properties to complete a chloride management plan and use the following link from Nine Mile Creek Watershed District as a guideline: [Template-Chloride-Management-Plan_Final.pdf\(ninemilecreek.org\)](https://www.ninemilecreek.org/Template-Chloride-Management-Plan_Final.pdf).

Motion carried unanimously.

B. Motion by Mulla, second by Schoch to direct the Technical Advisory Committee to consider the development and adoption of a **chloride management plan** for Commission application. *Motion carried unanimously.*

Motion by Mulla, second by Collins to direct the Technical Advisory Committee to consider the development and adoption of a **chloride management plan** for Commission application. *Motion carried unanimously.*

VI. Fourth Generation Watershed Management Plan.*

A. The **draft plan** is available on the Shingle Creek and West Mississippi website homepage under “What’s New” (<http://www.shinglecreek.org/>). The cities and reviewing agencies have been notified of the informal review period ending at the end of October. The formal 60-day review process will be initiated at the November 10 meeting. Spector will review the analytics to see how many times the link is activated.

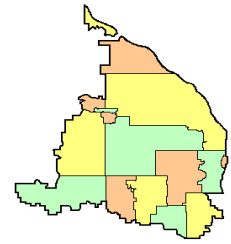
B. Watershed Boundary Adjustments. The request for concurrence with the proposed new boundaries has been forwarded to the adjacent WMOs, asking them to respond by November 30.

VII. Water Quality.

A. Crystal Lake Management Plan. The second alum treatment occurred on September 30, 2022. It went smoothly, and Staff were able to capture some excellent drone footage. There was a bit of an algae bloom at the end of September, but pH levels were steady.

B. Bass Lake Native Plant Translocation. There was some die-off of plants, likely due to wind action and foraging (a dead muskrat was found in one of the enclosures). Staff did a second harvest and plant in mid-September. Fieldwork has wrapped up for the summer. They will be back in the spring/early summer to check on things and remove fencing, then back again in late summer for a point-intercept survey.

C. Palmer Creek Estates Channel Restoration. This project is on track, 90% plans are being reviewed by the City.



D. Monitoring. Field work is winding down for the season and Staff are moving on to processing the data that has been collected.

VIII. Grant Opportunities*

Watershed Based Implementation Funding. The Shingle Creek and West Mississippi Convene Groups' recommendations have been submitted to the Board of Water and Oil Resources (BWSR), which is processing the requests.

IX. Education and Public Outreach.

A. The **West Metro Water Alliance (WMWA)** will meet via Zoom at 8:30 a.m., November 8, 2022.

At the October meeting the members continued to discuss the joint County/WMWA education and outreach coordinator position and how that work might proceed. They noted that PREP educator Jessica Sahu Teli continued to be busy with several schools this fall.

B. Hennepin County Chloride Initiative. The website is still undergoing revisions and is still in beta, but two videos are now available: **Low Salt, No Salt Minnesota - Clearing a path to Safety, Savings and Sustainability.** Social media length: <https://youtu.be/MW7F2i4VldA>. Full length (~5 min): <https://youtu.be/IN28xSzYv94>. A third video focusing on liability is being developed.

X. Communications.

A. Staff Report. Contents scattered throughout these Minutes.

B. September Communications Log.* No items required action.

C. The Commissioners received notice of the October 14, 2022, **Brook Gardens Playground and Trees Event.** Volunteers are needed to plant and water trees, spread mulch, and assemble playground equipment.

XI. Other Business.

XII. Adjournment. There being no further business before the Commission, the joint meeting was adjourned at 1:43 p.m.

Respectfully submitted,

Judie A. Anderson
Recording Secretary
JAA:tim

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