

REGULAR MEETING MINUTES

August 8, 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 Chair Andy Polzin at 12:46 p.m. on Thursday, August 8, 2024, at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present for Shingle Creek: David Mulla, Brooklyn Center; Steve Antolak, Brooklyn Park; Burt Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Ray Schoch, Minneapolis; Bill Wills, New Hope; John Roach, Osseo; Andy Polzin, Plymouth; and Wayne Sicora, Robbinsdale.

Present for West Mississippi: David Mulla, Brooklyn Center; Steve Antolak, Brooklyn Park; Gerry Butcher, Champlin; Karen Jaeger, Maple Grove; and John Roach, Osseo.

Also present were: Ahmed Omer, Brooklyn Center; Mitch Robinson, Brooklyn Park; Heather Nelson, Champlin; Jesse Struve, Crystal; Mark Lahtinen, Maple Grove; Nick Macklem, New Hope; James Kelly, Osseo; Amy Riegel, Plymouth; Richard McCoy, Wendy Scherer, and Jenna Wolf, Robbinsdale; Todd Shoemaker and Katie Kemmitt, Stantec; Troy Gilchrist, Town Law Center; and Judie Anderson, JASS.

II. AGENDAS AND MINUTES.

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

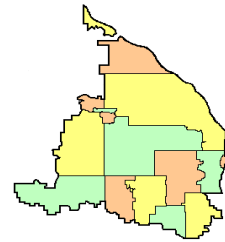
Motion by Jaeger, second by Butcher to approve the **West Mississippi agenda,*** *Motion carried unanimously.*

Motion by Schoch, second by Antolak to approve the **minutes*** of the July 11, 2024, regular meeting. *Motion carried unanimously.*

Motion by Jaeger, second by Roach to approve the **minutes*** of the July 11, 2024, regular meeting. *Motion carried unanimously.*

III. FINANCES AND REPORTS.

A. Motion by Schoch, second by Wills to approve the Shingle Creek **August Treasurer's Report*and claims** totaling \$69,180.83. Voting aye: Mulla, Antolak, Orred, Jaeger, Schoch, Wills, Roach, Polzin, and Sicora; voting nay: none.



B. Motion by Butcher, second by Jaeger to approve the West Mississippi August Treasurer's Report* and claims totaling \$13,752.96. Voting aye: Mulla, Antolak, Butcher, Jaeger, and Roach; voting nay: none.

C. Shingle Creek 2023 Year-End Fund Balances.

1. Restricted for Capital Projects. These are funds levied for specific capital projects. At 2023 year-end this account held \$1,709,920 for a total of six projects and the Maintenance Fund. In 2024, excess levy totaling \$972,216 will be transferred from the Restricted account to the Closed Project Account and an anticipated 2023 levy amount totaling \$824,165 will be deposited in the Restricted account in 2024, resulting in a 2024-year-end total of \$1,561,869.

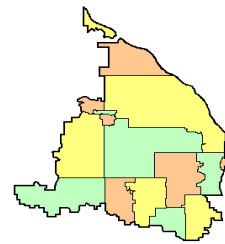
2. Cost Share Projects. There is one outstanding **City Cost Share** project for which reimbursement has not yet been requested, and in 2023 the Commission authorized transferring \$150,000 from City Cost Share to Closed Projects. At 2023 year-end this account held \$297,944. An anticipated 2023 levy amount totaling \$100,000 will be deposited in the City Cost Share account in 2024, resulting in a 2024-year-end total of \$397,944.

The 2023 year-end encumbered balance in the **Partnership Cost Share** account is \$108,873. An anticipated 2023 levy amount totaling \$50,000 will be deposited in the Partnership Cost Share account in 2024, resulting in a 2024-year-end total of \$158,873.

3. Closed Projects Account. The Closed Projects Account (CPA) houses levy funds that remain after reimbursing final project costs. These funds are to be used for capital improvement projects, including the cost of undertaking feasibility studies and to limit future capital levies for new projects. At 2023 year-end this account held \$113,490. An excess levy amount totaling \$737,705 for three projects will be deposited in the CPA in 2024, and \$475,304 in funding will be authorized from the CPA in lieu of a 2024 levy for one project, resulting in a 2024-year-end total of \$357,891.

4. Assigned Funds Balances. In the past, the Commission has acted to assign some of its unrestricted reserves to be held for a specific purpose. One significant Assigned Funds account is the amount set aside from previously levied project funds specifically to complete years four (2023) and five (2024) of curly-leaf pondweed treatment on Bass and Pomerleau Lakes. Funds were also reserved for completion of the 4th Generation Plan. Most of the expenses for 2024 will be the attorney's cost for preparing the JPA update. At 2023 year-end, a total of \$60,813 was set aside for these two tasks.

5. Unrestricted Reserve. This last category of funds is cash on hand that has not been designated for a particular use. This helps with monthly cash flow and is a "rainy day reserve" in the event something unusual occurs, or one of the member cities withdraws from the JPA and no longer is contributing its share of expected revenues. The Commission does not have a policy establishing a desired minimum balance, but the Elm Creek WMO has adopted a policy to maintain a cash reserve equal to either 50% of annual operating revenues or five months of operating expenses. Using the 2024 budget, that minimum reserve balance would be the greater of the amounts \$168,750 (5/12ths yearly expenses) or \$202,500 (50% yearly revenue).



D. West Mississippi 2023 Year-End Fund Balances.

1. Restricted for Capital Projects. At the end of 2023, the Commission held no funds in the Restricted Capital Project account. An anticipated 2023 levy amount totaling \$150,000 will be deposited in the Restricted account in 2024, resulting in a 2024-year-end total of \$150,000.

2. Cost Share Projects. At 2023 year-end the **City Cost Share** account held \$462,747. Since this balance is sizeable, the Commission should consider not certifying a levy in 2024 unless a large potential project is identified.

The 2023 year-end balance in the **Partnership Cost Share** account is \$209,813, with an encumbrance for one project of \$75,000, for a total of \$134,813. An anticipated 2023 levy amount totaling \$100,000 will be deposited in the Partnership Cost Share account in 2024, resulting in a 2024-year-end total of \$234,813.

3. Closed Projects Account. The Closed Projects Account (CPA) houses levy funds that remain after reimbursing final project costs. At 2023 year-end this account held \$151,306 for three projects.

4. Assigned Funds Balances. In the past, the Commission has assigned some of its unrestricted reserves to be held for a specific purpose. These funds total \$154,320 and may continue to be set aside to be used for these purposes or the Commission may elect to unassign the funds and transfer them to Unrestricted Reserves.

a. The **Subwatershed Assessments** account is funds that had been budgeted for the completion of those studies and totals \$40,000.

b. \$25,000 for **flood model updates** were set aside at the time Shingle Creek began updating its HUC8 model, pending more information from the DNR on similar flood modeling that agency was completing in West Mississippi.

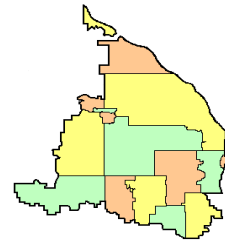
c. The **Grant Match** funds account is funds previously set aside to help fund small projects and now totals \$89,320. Since the Commission has now established a Closed Projects account, these funds could be transferred to that account and restricted to capital projects and feasibility studies in advance of capital projects.

5. Unrestricted Reserve. The last category of funds is the Unrestricted Reserves, which functions the same as in Shingle Creek. Using the Elm Creek reserve policy, West Mississippi's minimum 2024 reserve balance would be the greater of the amounts \$77,200 (5/12ths yearly expenses) or \$113,326 (50% yearly revenue).

In their meeting prior to this one, It was a consensus of the TAC members to recommend that the City Cost Share and Partnership Cost Share items be included in the Shingle Creek 2024 CIP (pay 2025) and not in the West Mississippi 2024 CIP.

IV. OPEN FORUM.

V. OLD BUSINESS.



VI. NEW BUSINESS.

A. At their June 13, 2024, meetings the Commissions established maximum proposed levies for the **2024 Capital Improvement Program (CIP)**.* The next step in the process is to call for a public hearing on those projects and programs that they desire to move forward. In the Shingle Creek watershed there are two proposed capital projects for 2024 as well as the annual cost-share and maintenance fund programs; in West Mississippi there are two annual cost-share programs.

1. **Cost Share Fund.** This annual project provides cost sharing to retrofit voluntary BMPs on city property. The TAC developed policies and procedures to administer these funds and makes recommendations to the Commission on which projects should be funded. The annual levy is \$100,000, to be matched at least one-to-one by a member city or cities. Applications are open until funds are depleted.

2. **Partnership Cost Share Fund.** This annual project provides cost sharing to retrofit voluntary BMPs on private property. The TAC developed policies and procedures to administer these funds and makes recommendations to the Commission on which projects should be funded. The annual levy is \$50,000, and funding does not require a match. Applications are open year-round until the funds are depleted.

3. **Maintenance Fund.** This program makes funds available for nonstructural practices such as, but not limited to, rough fish management; invasive aquatic vegetation control; alum treatment touch-up; native aquatic vegetation translocation; and maintenance of Commission-installed projects for which a member City is not specifically responsible.

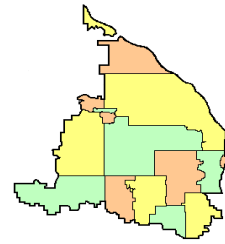
4. **Brookdale Park Natural Channel Phase 1.** This project would remeander about 5,000 feet of Shingle Creek between a drop structure in Brookdale Park and Xerxes Avenue to improve water quality, enhance habitat, and restore natural form and function. In addition, bank stabilization improvements would be made to about 2,000 feet of Shingle Creek between Xerxes Avenue and Palmer Lake. Levy funding is being phased over multiple years; this is the second year of levying for the project.

5. **Minneapolis Shingle Creek Regional Park.** This project is bank stabilization of Shingle Creek between Webber Park and the Brooklyn Center municipal boundary. Includes bank resloping to eliminate eroded and vertical creek banks, erosion protection at pipe outlets, upland vegetation enhancements, and in-stream features to increase dissolved oxygen and aquatic species. The project will likely be implemented in close coordination with the Minneapolis Park and Recreation Board and the City of Minneapolis, both of which are planning improvements within the same corridor.

6. **Cost Share Fund.** This annual project replicates the first Shingle Creek project above. The annual levy is \$50,000

7. **Partnership Cost Share Fund.** This annual project replicates the second Shingle Creek project above. The annual levy is \$100,000.

The final step in the CIP process will be to hold a public hearing on the proposed projects. This should occur at the Commissions' regular September 12, 2024, meeting. At that time the Commis-



sions will formally order the projects and certify levies to Hennepin County.

Motion by Schoch, second by Antolak, to call for a public hearing on the proposed Shingle Creek 2024 CIP at the Commission's September 12, 2024, regular meeting. Motion carried unanimously.

Motion by Jaeger, second by Butcher, to call for a public hearing on the proposed West Mississippi 2024 CIP at the Commission's September 12, 2024, regular meeting. Motion carried unanimously.

B. At their June 2024 meeting, the Technical Advisory Committee (TAC) recommended that the Commissions consider a **policy for future use of interest income**. The discussion centered on whether interest income should be used to lower member assessments or if it should be used for funding capital projects. The majority of the Commissions' interest income is earned from excess capital project funds that have been moved to the closed projects account.

Staff reached out to Bassett Creek WMO for their interest income policy, which states, in part, that

100% of the income from BCWMC long-term investments (e.g., 4M and 4MP funds) will be categorized as "unrestricted" funds and will be posted to a Special Projects Fund within the BCWMC Operating Budget Use of the Special Projects Fund will require approval by the Commission prior to the expenditure.

Based on discussion at their meeting today, the SCWM TAC members were in favor of a similar policy where interest income would be used for Commission capital projects, rather than other, routine costs. It was noted that the Commissions annual operating budget always assumes some interest revenue is available to help pay for general operations. Interest revenue factored into the Commissions' budgets can range from a hundred to a few thousand dollars. If the Commissions adopted a policy that interest only be used for capital projects, member assessments would likely need to increase in future years. It was a consensus of the TAC that interest earned should be retained in the fund from which it was derived and that this recommendation be forwarded to the Commissions.

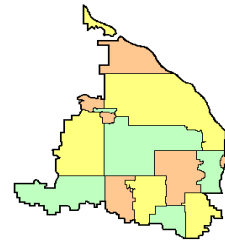
Staff will return to the September meeting with a draft of a policy as discussed.

[Mulla departed 1:40 p.m.]

VII. WATER QUALITY.

At the July Commission meeting, Commissioners discussed and then requested more information about the proposed **Cumulative Impacts Rule**. Staff's July 29, 2024, memorandum provides a summary of the rule status, implementation, and relation to groundwater and surface water.

In 2023, the Minnesota Legislature passed statute 116.065, which directs the MPCA to develop and implement the Cumulative Impacts Rule. This rule will affect MPCA's air permitting process in communities that are historically underserved and experience a disproportionate level of pollution burden. The rule aims to affect the MPCA's air permitting process by creating benchmarks that would require a permittee to conduct a cumulative impacts analysis. If the analysis finds that the permittee would contribute substantial adverse environmental or health impacts, the permittee must enter into

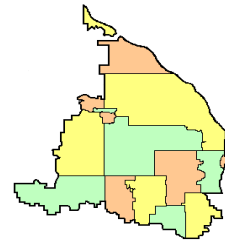


a community benefits agreement. This agreement allows the community to negotiate for projects and benefits most important to them in exchange for their support of the permit. If an agreement cannot be reached, the MPCA cannot issue the permit.

The rule applies to new, expanded, or reissued air permits (major or individual state air permits) for facilities located within one mile of the designated environmental justice areas in Rochester, Duluth, and the seven-county Twin Cities area. According to the MPCA, this includes approximately 120 facilities such as landfills, power plants, refineries, and manufacturing plants. The statute defines environmental justice areas based on specific criteria related to race, household income, English proficiency, and Tribal lands.

While the statute specifies the types of permits (air permits) and locations (environmental justice areas) where this rule applies, the MPCA must establish many of the key implementation details. The MPCA is currently conducting a rulemaking process to develop these details. The agency anticipates proposing the rule for final public comment and legal review in August 2026, with implementation of the Cumulative Impacts Rule beginning in Fall 2026. The general process for implementing the Cumulative Impacts Rule and areas where the MPCA is working to establish details are outlined below.

- 1. Determine if the Permit is Subject to the Cumulative Impacts Rule (both criteria).**
 - a. New, revised, or amended air permit, and
 - b. Within one mile of the designated environmental justice areas in Rochester, Duluth, and the seven-county Twin Cities area.
- 2. Determine if the Permit Requires a Cumulative Impacts Analysis (either criterion)**
 - a. Permit meets certain benchmarks (e.g. environmental stressors or facility characteristics) and requires a cumulative impacts analysis (benchmarks are under development by MPCA), or
 - b. Permit does not meet benchmarks, but the community petitions MPCA to require a cumulative impacts analysis (petition process is under development by MPCA).
- 3. Permittee Conducts a Cumulative Impacts Analysis.** Contents of the analysis are under development by MPCA.
- 4. Determine if Permittee Contributes Substantial Adverse Environmental and Health Impacts.** Definition of substantial adverse environmental and health impacts is under development by MPCA.
- 5. If Yes, Permittee Required to Enter a Community Benefit Agreement.**
 - a. The permittee must address its adverse impacts based on the unique needs of the community.
 - b. If a community benefit agreement cannot be reached, the MPCA cannot



issue the permit.

Currently, the Cumulative Impacts Rule does not apply to non-air permits and does not directly affect MPCA’s stormwater or wastewater permitting processes. However, the extent of groundwater or surface water pollution could be considered during the cumulative impacts analysis, as the statute defines cumulative impacts as “aggregated levels of past and current air, water, and land pollution in a defined geographic area to which current residents are exposed”. MPCA is still determining the indicators that would be required in the cumulative impacts analysis, but their webpage includes examples of water-related indicators such as:

1. Levels of groundwater or surface water contaminants (arsenic, mercury, trichloroethylene, PCBs, PFAS, dioxins/furans, PAHs, phthalates, toluene, etc.)
2. Known areas of groundwater contamination
3. Impaired waterbodies
4. Drinking water quality
5. Number of permitted facilities or permit types in an area (e.g. wastewater discharge permits).

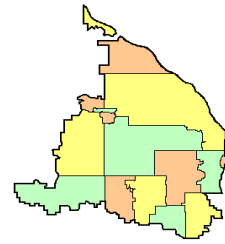
Considering these water-related indicators during the cumulative impacts analysis could influence the MPCA air permitting process. Additionally, if the analysis finds substantial adverse environmental or health impacts, the permittee would enter into a community benefits agreement, which could include projects related to the protection, restoration, or enhancement of water quality in the community. More information about the rulemaking process, including opportunities for public comment and meetings, can be found on MPCA’s [Cumulative Impacts Rulemaking Webpage](#).

VIII. GRANT OPPORTUNITIES.

Applications for Board of Water and Soil Resources (BWSR) Clean Water Fund (CWF) Grants* are due by August 22. The program includes the availability of *Accelerated Implementation Grants* (AIGs) which aim to build capacity for local governments to accelerate on-the-ground projects that improve or protect water quality and perform above and beyond existing state standards for protecting and restoring water quality.

A. Joint Chloride Management Plan. At the July Commission meeting, the Commissions authorized Stantec to proceed with development of a grant proposal for a Clean Water Fund AIG. Staff began developing the grant proposal for a joint chloride management plan between the Shingle Creek, West Mississippi, and Elm Creek WMOs. The management plan will include data analysis and source assessment, identifying stakeholders and their responsibilities, implementation strategies and goals, and how to assess progress. The current draft* of the proposal is included in the meeting packet.

A meeting with a volunteer advisory group will be held on August 13, 2024, to help further refine the grant proposal. The group will make sure that the grant application includes outcomes that will be most helpful to city staff. Staff will incorporate any desired edits and plan to submit the proposal by the August 22 deadline.



Motion by Schoch, second by Antolak directing Staff to submit the application on behalf of Shingle Creek. *Motion carried unanimously.*

Motion by Antolak, second by Jaeger directing Staff to submit the application on behalf of West Mississippi. *Motion carried unanimously.*

B. Mississippi Riverbank Stabilization. The West Mississippi Commission has previously submitted a CWF Projects and Practices grant for the Mississippi Riverbank Stabilization project in Brooklyn Park. The project has not been awarded in previous submittals, but the City of Brooklyn Park would like to submit the project to CWF again this year.

This grant request is to support Phase I of a multi-year project and will restore approximately 715 linear feet of river shoreline with the most severe erosion, reducing excess sediment to the river by 548 tons and TP by 506 pounds per year. The project scope includes final design, administration, and construction on up to seven non-profit and privately-owned properties, targeting stabilization of both the toe of the slope as well as mid-bank destabilization of groundwater seepages.

Phase I of the project was estimated at \$884,000 in 2022 with \$603,000 requested from the BWSR CWF and \$281,000 from local sources including the landowners (\$101,000), the city (\$40,000), Hennepin County (\$40,000), and the Commission (\$100,000). The project budget may increase for this resubmittal to account for changes in labor and material costs.

The Commission previously authorized the preparation of the application and a contribution of \$100,000. Staff's August 6, 2024, memo requests endorsement of the City of Brooklyn Park's request to resubmit the application and confirm the \$100,000 watershed contribution for the project if awarded.

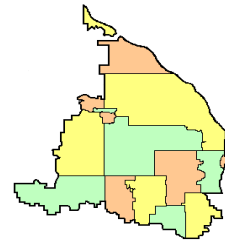
The TAC recommended that the Commission resubmit the application, with inclusion of a letter of support from the West Mississippi Commission.

Motion by Butcher, second by Jaeger to affirm this action. *Motion carried unanimously.* [It was later learned that letters of support are not being accepted for these grants.]

C. 2024 Watershed-Based Implementation Funding (WBIF). The final meeting of the Convene Group occurred on July 22, 2024. The chosen projects total \$343,961, which is the WBIF allocation for Shingle Creek and West Mississippi combined. The WBIF program requires a minimum of 10% match for projects, which will be about \$28,000 for Shingle Creek and \$6,600 for West Mississippi. funded from the Commissions' closed projects accounts. A description of the chosen projects is below.

1. Hennepin County Conservation Specialist (\$46,000 from each watershed). Joint funding for this position will continue through FY2024-2025. The position is a limited duration position to provide water and natural resources education and outreach and technical assistance to residents that leads to implementation of conservation practices. The County will serve as the grantee for the WBIF funding.

2. Crystal and Twin Lakes Carp Management (\$150,000). Updating a carp population estimate, plus one year of carp removals on Crystal Lake and two years of carp removals on



Twin Lakes following the population study scheduled for this fall.

3. Chloride Reduction Actions (\$86,961). A suite of actions including funds for implementing collaborative Chloride Management Plan and implementation actions, such as equipment, outreach and educational programming. Specific actions include:

- a. Funding 25% of a new brining winter salt application system for the City of New Hope, which will help reduce the City’s annual winter salt use by 130 tons.
- b. The Commission is applying for an Accelerated Implementation Grant for developing a Chloride Management Plan, but if the grant is not awarded, WBIF funds will be used for both the plan and implementation.
- c. Additional outreach and educational programming focused on winter chloride use.

4. Lake Magda Subwatershed Study (\$15,000). Complete a survey and desktop subwatershed assessment identifying BMP opportunities in the Lake Magda drainage area.

WBIF projects and each watershed allocation

Project	Shingle Creek	West Mississippi
Hennepin County Conservation Specialist	\$46,000	\$46,000
Carp Management (Crystal & Twin)	\$150,000	
Chloride Reduction Actions	\$66,961	\$20,000
Lake Magda Subwatershed Assessment	\$15,000	
Total	\$277,961	\$66,000

Motion by Schoch, second by Sicora to approve the projects as described and directing Staff to work with BWSR to complete the work plans and proceed to contracting for those programs. *Motion carried unanimously.*

Motion by Jaeger, second by Roach to approve the projects as described and directing Staff to work with BWSR to complete the work plans and proceed to contracting for those programs. *Motion carried unanimously.*

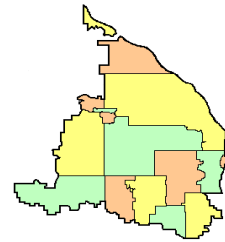
IX. EDUCATION AND PUBLIC OUTREACH.

A. Grace Barcelow’s August Update.*

What have we been working on since the July WMWA Meeting?

1. Released [media kit](#) about **drought and water conservation**. This media kit has information to help residents enhance water conservation efforts during late summer. Residents are encouraged to plant drought-friendly plants, create landscapes resilient to a changing climate, and reduce water usage. There is a newsletter and set of social media posts.

2. Released mailer on **pet waste** that cities and watersheds can use for outreach or send out in mailings. This has been sent out to city communication contacts and can be found on the WMWA media kit page linked above. If you have any questions on obtaining or mailing these materials,



please reach out, grace.barcelow@hennepin.us.

3. Continued planning efforts for **Fish Lake and Eagle Lake workshops**. Created outreach materials. Workshops will be hosted September 5 and 10, from 6pm to 8pm, at the Fish Lake Pavilion (a Three Rivers Park District building).

4. Continued work on **Southgate Apartment complex project** in Bloomington, notably looking for grant funding to address resident needs beyond water quality and habitat improvement work that are important to supporting diversity, equity and inclusion goals.

5. Attended **second steering committee meeting** for Conservation Specialist position. Overall, we are on track and have a plan for work into the future. People are satisfied with the projects and goals we have set. It was decided to cancel future steering committee meetings and wrap content from steering committee meetings into WMWA monthly meetings twice during the year.

What work will be happening before the September WMWA meeting?

6. Continue outreach to involve middle school classrooms in **Adopt-a-Drain K12 program** throughout WMWA watersheds.

7. Engage lake associations and shoreline residents on **Fish and Eagle Lakes** in WMWA workshops.

8. Prepare to host **Green Corps member**, who is starting mid-September and will be supporting WMWA work.

9. Continue work on the **BCWMC project** to reduce chloride entering Parker's Lake in Plymouth, which is impaired for chloride. We will be targeting winter deicer users in the northern subwatershed of the lake and involving them in the Low Salt, No Salt consultation process. We are now working on updating outreach materials to begin involving facilities.

10. Continue engagement process for the **Southgate Apartment project**. Next engagement is scheduled for August 24. Residents will see preliminary designs and can provide feedback.

11. Create **September media kit**. This media kit will have a stormwater focus, highlighting good city street sweeping practices and good fall lawn maintenance practices for clean water, tying messaging in with the Adopt-a-Drain program opportunities.

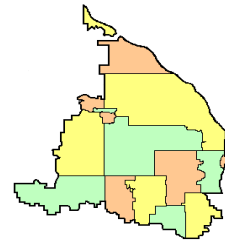
B. **West Metro Water Alliance (WMWA)** will meet at 8:30 a.m., September 10, 2024, via Zoom.

Joanna Sorenson has accepted the Watershed PREP Educator position. She is able to begin work immediately and can be reached at jo.so.enviro.educator@gmail.com.

[Motion by Schoch, second by Willis to approve the Educator contract as the fiscal agent for WMWA. Motion carried unanimously.](#)

X. STAFF REPORT.*

A. **August Communications Log.*** No items required action. The item regarding St. Vincent de Paul Cemetery in Osseo should be marked as being in the West Mississippi watershed.



B. Staff Report.*

1. Eagle and Pike Lakes Internal Load Management. Stantec and the City of Maple Grove hosted a bid opening on Tuesday July 9. One bid was received from SOLitude Lake Management and was within the expected budget. Stantec has been working with the City and SOLitude to refine details for a fall alum application.

2. Colorado Infiltration Trench Feasibility Study. The team has reviewed the historic and new soil data and is currently creating geological/geotechnical cross-sections. These sections will be used to perform slope stability analyses of critical sections of the excavation sidewalls. [Staff has subsequently learned that the Commission was not awarded an MPCA Implementation Grant for Stormwater Resilience.]

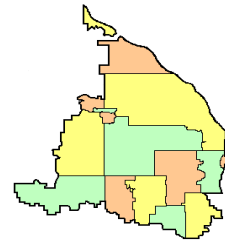
3. Mississippi River Bank Stabilization Study. Stantec is reviewing the data collected earlier this summer and developing some standard stabilization and alternatives, including design details for toe stabilization, vegetative stabilization, and hard armoring. In early August, Stantec will be coordinating with Hennepin County and Brooklyn Park to engage residents to gather feedback from the design alternatives. Stantec will reach out to two of the 11 residents to collect survey data to complete two 30% designs incorporating some of the outlined alternatives.

4. Shingle Creek Crossing Pollutant Loading Analysis. Stantec evaluated pollutant loading at the Shingle Creek (SC) Crossing development in Brooklyn Center. The Commission approved development plans for the site in 2011 and 2012; however, much of the site remains undeveloped or under-utilized. Therefore, the City of Brooklyn Center requested technical assistance from Commission staff to better understand stormwater management, specifically pollutant loading, that could guide potential redevelopment of the site. Stantec used the p8 urban water quality model to calculate existing and proposed conditions loading.

Existing SC Crossing stormwater practices include a pond, three filtration basins, and structural sediment traps. The pond treats a majority of the site with minor treatment by the adjacent filtration basins. Much of the site also drains off-site to the Centerbrook North Regional Pond. The total phosphorus (TP) removal for SC Crossing (29 lb/yr) and North Regional Pond (29 lb/yr) totals approximately 58 lb/yr. The total TP load to Shingle Creek from SC Crossing and Centerbrook ponds is 333 lb/yr.

Potential stormwater management changes to the site include daylighting Shingle Creek so it would bisect two regional ponds that would provide treatment for the entire Shingle Creek Crossing site. The two new SC Crossing ponds would discharge water directly to Shingle Creek and provide approximately 73 lb/yr TP removal, which exceeds the existing 58 lb/yr TP removal. This approach “disconnects” the SC Crossing site from the Centerbrook Regional Pond system, thereby making it more efficient at treating runoff from the 300-acre “North” and “South” drainage areas. The total TP load to Shingle Creek from SC Crossing and the Centerbrook Regional Ponds is 259 lb/yr.

More detailed study is needed to evaluate feasibility of daylighting Shingle Creek and how runoff from the western portion of the SC Crossing site can be conveyed to the new SC Crossing West Pond.



5. Education and Outreach Update. (Also see item X., above, for additional details.)

a. WMWA has been interviewing candidates for the **Watershed PREP educator position** and the selection committee will be recommending contracting with the best candidate at their August 13 meeting.

b. WMWA and Hennepin County are working with Metro Blooms on **shoreline workshops for Eagle Lake** (Shingle Creek) and Fish Lake (Elm Creek). Lake residents will get preferential seating at the workshops and will be eligible for technical design and assistance and a small stipend to defray implementation costs, Hennepin County applied for a Pollinator Pathways grant to supplement this work. They will hear back in August.

6. Upcoming conferences and project updates are outlined on the last two pages of the report.

XI. OTHER BUSINESS.

A. Motion by Schoch, second by Antolak to not waive the monetary limits on municipal tort liability. *Motion carried unanimously.*

Motion by Butcher, second by Jaeger to not waive the monetary limits on municipal tort liability. *Motion carried unanimously.*

B. There being no further business before the Commissions, the joint meeting was adjourned at 2:23 p.m.

Respectfully submitted,

A handwritten signature in black ink that reads "Judie A. Anderson". The signature is written in a cursive style.

Judie A. Anderson
Recording Secretary