

**Technical Advisory Committee  
MINUTES | June 13, 2024**

A meeting of the Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions was called to order by Chair Richard McCoy at 10:35 a.m., Thursday, June 13, 2024, at the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present: Ahmed Omer, Brooklyn Center; Mitchell Robinson, Brooklyn Park; Jesse Struve, Crystal; Derek Asche, Maple Grove; Nico Cantarero, Minneapolis; Nick Macklem, New Hope; Amy Riegel, Plymouth; and Richard McCoy, Robbinsdale.

Not represented: Champlin and Osseo.

Also present: Burt Orred, Crystal; Andy Polzin and Talori Dunsworth, Plymouth; Mike Sorensen, Minneapolis Park and Recreation; Todd Shoemaker and Katie Kemmitt, Stantec; and Amy Juntunen, JASS.

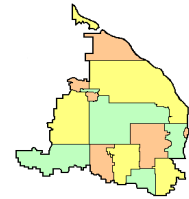
- I. Motion by Robinson, second by Riegel to **approve the agenda**. *Motion carried unanimously.*
- II. Motion by Macklem, second by Riegel to **approve the minutes\*** of the May 9, 2024, meeting. *Motion carried unanimously.*

**III. 639W UPDATE.**

The Shingle Creek Commission received a complaint from a citizen regarding the need for maintenance at the 639W wetland at Crystal MAC. Kemmitt and Ed Matthiesen inspected the area and determined that the filter box was under water and trees and vegetation were growing out of the sand media filters. Water was flowing through the relief valves even though they were closed. There was an eroded hole around the overflow pipes and water was flowing through there. Kemmitt's presentation\* showed conditions at the site.

No maintenance has been done at the site since it was last monitored in 2020. Potential maintenance activities would include plugging the overflow valves area with clay to stop the flow and erosion and to remove the educational signage which bears the Commission's name. This work would be done in the winter. No action is requested today. This is informational. Proposed work would be funded from the Commission's maintenance fund.

Monitoring data shows that the media does capture phosphorus, but less than a pound/year. The media could be placed in the channel. Three Rivers Park District had a channel project planned for 2025, which has now been pushed back to 2027. Staff will look for opportunities to collaborate on channel improvements and nutrient reductions at 639W as the project progresses.



The City has not been notified of impending maintenance. The citizen was pleased with the Commission's response.

#### **IV. 2025 OPERATING BUDGETS.\***

Staff's June 6, 2024, memos duplicate the proposed May budgets except for the Education budget where each Commission's share of the WMWA assessment has been increased from \$11,500 to \$17,000. Member assessments remained the same at \$372,000 and \$160,000 for Shingle Creek and West Mississippi, respectively.

##### **Discussion:**

Ashe: Since we're collecting so much interest, it might be nice to keep the assessments at zero increase. Could add the \$2,000 increase to interest income for 2025.

McCoy: Interest earned should be spent on capital, not operations.

In Bassett, the amount of levy is a lot higher than the impact of the assessment so you're better off using it for capital than operations.

How much of the interest earned is from member assessments?

Maybe have a side discussion on how the interest gets used, not here. Perhaps a future topic for the agenda. Commission should develop a policy on how interest revenue gets used.

Recommendation to the Commissions – have detailed discussion about what happens with interest going forward to give guidance on what can and cannot be used with that policy. Separate Capital from Operations from Levied Funds.

As discussed previously, the upcoming Minneapolis Park Board project will be assigned a budget line item to capture time spent by Staff. That assistance may occur sooner than the 2025 budget and members would need to request funds from the Closed Project account for that effort. Plan on beginning in the next six months. We need to participate; if we don't collaborate, we'll miss some opportunities.

Motion by Riegel, second by Macklem to recommend both budgets for approval as proposed, with a plan for future interest policy discussion. *Motion carried, Maple Grove opposed.*

*[Cantarero arrived 11:08 a.m.]*

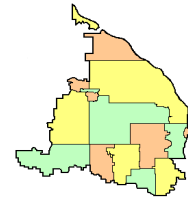
**V. JOINT POWERS AGREEMENT.** Staff are looking for a narrow window of feedback on latest draft, then getting it out as soon as possible. Cities need to submit final comments by end of June so the final draft can be ready for approval by the July Commission meeting.

Members have no additional comments at this time. The latest drafts will be sent to the Commissions.

*[Struve and Dunsworth arrived 11:12 a.m.]*

#### **VI. PROPOSED 2025 CIP.**

Both Commissions revised their Capital Improvement Program (CIP) as part of the Fourth



Generation Watershed Management Plan. The CIP typically is reviewed each year and amended as necessary to add, delete, or amend projects as opportunities arise, priorities change, or costs are re-evaluated. The TAC and Commissions solicited the cities for potential revisions to the CIP earlier this year. No new projects are proposed to be added to the CIP, so there is no need to undertake a Minor Plan amendment this year.

**A.** However, Staff recommends some minor modifications to the **Shingle Creek CIP** that can be adopted as simple housekeeping changes with no plan amendment necessary. The changes are highlighted in Table 1 of their June 6, 2024, memo.\*

**1. Bass Creek Restoration.** Staff walked the stream along with City staff and all agreed that the stabilization work is less extensive than originally thought. It was agreed to modify the project budget from \$500,000 to \$300,000 and reschedule the project to 2025 for construction in 2026.

**2. Minneapolis Shingle Creek.** Staff have been meeting with Minneapolis Park Board staff about this upcoming work. MPRB is interested in partnering but is in the very early planning stages. They are comfortable rescheduling that project to 2025.

**3. Brookdale Park.** Staff continue to work with Brooklyn Park and Three Rivers Park District on next steps for the remainder project. The project cost and funding are still under development. Staff recommends proceeding with a levy in 2024 to match the amount levied in 2023, but to add a placeholder of \$200,000 in 2025 that is reallocated from the Bass Creek project. This would be revenue-neutral and would preserve some funding flexibility as project development proceeds.

**B.** There are no proposed changes to the **West Mississippi CIP.**

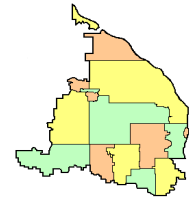
If there are no additional changes to the CIPs, the Commissions will proceed as shown in Tables 1 and 2 of the memo. In a separate item today, they will establish maximum 2025 levies for 2024 projects and in August call for a public hearing in September to consider the projects and order a levy. The proposed changes do not require a plan amendment, nor do they result in any changes in bottom line overall Commission contributions.

Members also discussed the status of the Partnership and City Cost share funds that are levied each year. The Commissions may consider raising the limit of these funds to \$100,000 annually. Partnership funds are well utilized, city cost share funds not as much. The Commissions may also consider increasing the City Cost Share contribution.

Motion by Riegel, second by Asche to recommend including the Minneapolis regional park project at a levy of \$400,000, increasing the total Shingle Creek levy from \$825,000 to \$1,225,000. *Motion carried unanimously.*

## **VII. EAGLE LAKE SWA.**

**A.** In 2023, the Shingle Creek Commission authorized Stantec to study Eagle and Pike Lakes and their watersheds. The goals of the Eagle Lake Subwatershed Assessment were to:



1. Identify and prioritize potential stormwater management practices to reduce phosphorus and sediment loading in the Eagle Lake subwatershed, and
2. Evaluate sediment phosphorus and aquatic vegetation within the lakes to determine appropriate in-lake treatment practices to reduce internal loading.

**B.** To identify the most cost-effective projects to reduce watershed phosphorus load to Eagle Lake, Staff prioritized potential projects through a ranking system using estimated TP reduction, initial project cost, and lifecycle cost. The two top ranked projects are an infiltration basin in Eagle Woods Park and an iron-enhanced sand retrofit and pond expansion in an existing stormwater basin at Hemlock Lane and East Fish Lake Road. Given its location in a park, City of Maple Grove staff advised that the project site in Eagle Lake Woods Park could not move forward at this time and recommended proceeding with the project site at Hemlock Lane and E. Fish Lake Road for concept design.

Upon further investigation, Staff found that the iron-enhanced sand retrofit and pond expansion at the site were infeasible due to site constraints. City subsequently advised us to investigate an infiltration-based practice that could be constructed in conjunction with a planned trail improvement project along E. Fish Lake Road. The included concept design shows an infiltration trench near the intersection of E. Fish Lake Road and Jonquil Way.

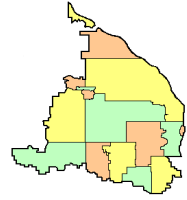
Study of Eagle and Pike Lakes internal loading indicated that reducing the rate of phosphorus release from anoxic sediments is warranted. Therefore, treatment of both lakes using aluminum sulfate (alum) is planned for later in 2024.

**C.** The report,\* included in the meeting packet, summarizes the study process, methodology, and results. At approximately \$3,500/lb. TP removed, the E. Fish Lake Road infiltration trench is not extremely economical in terms of TP removal. (Stormwater managers often target costs of \$1,000-\$2,000/lb.) Therefore, Staff recommend implementation of a targeted, intensive street sweeping program in the watershed. Further study is needed to define sweeping routes, costs and potential TP removals, but a sweeping program combined with the Eagle and Pike alum treatments may allow Eagle Lake to be delisted from the impaired waters list.

Staff recommend accepting the feasibility report and preliminary design. Motion by Ashe, second by Cantarero to recommend this action to the Commission. *Motion carried unanimously.*

**VIII. Project Review SC2024-02 Maple Grove Community Center.\*** This project will add improvements to the Community Center including arena expansion, playground, sports court and parking lot. The applicant proposes to defer providing volume control to a future City street reconstruction project downstream of the Community Center site. The filtration/infiltration bench at P51 would be expanded for this accommodation once the amount of volume control is known.

The TAC recommends approval of this project with the inclusion of an end date (July 1, 2028) for construction. Motion by Ashe, second by Riegel to make this recommendation to the Commission. *Motion carried unanimously.*




**IX. Other Business.**

The **next TAC meeting** is scheduled for Thursday, July 11, 2024, at 11:00 a.m.

There being no further business, the TAC meeting was adjourned at 12:28 p.m.

Respectfully submitted,

  
Amy Juntunen  
Recording Secretary  
AAJ:tim

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