

**Technical Advisory Committee
MINUTES | April 11, 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 11:00 a.m., Thursday, April 11, 2024, at the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present: James Soltis, Brooklyn Center; Mitchell Robinson, Brooklyn Park; Heather Nelson, Champlin; Ben Perkey, Crystal; Derek Asche, Maple Grove; Liz Stout, Minneapolis; Amy Riegel, Plymouth; Richard McCoy, Robbinsdale; Todd Shoemaker, Katie Kemmitt, and Ali Stone, Stantec; and Judie Anderson, JASS.

Not represented: New Hope and Osseo.

Also present: Burt Orred, Crystal; Nico Cantarero, Minneapolis; Andy Polzin and Ben Scharenbroich, Plymouth; and Mike Sorensen, Minneapolis Park and Recreation.

I. Motion by Robinson, second by Stout to **approve the agenda**. *Motion carried unanimously.*

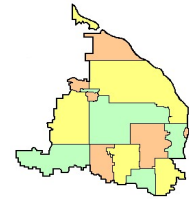
II. Motion by Robinson, second by Perkey to **approve the minutes*** of the March 14, 2024, meeting. *Motion carried unanimously.*

III. TWIN AND RYAN LAKES CARP STUDY.

Work Order 24-04* authorizes Staff to update the carp population study in the Twin Lake chain of lakes to assess current conditions and plan for future carp management actions.

The Commission estimated the carp population and movement in 2016-2017 using the mark and recapture/electrofishing technique to estimate the carp population numbers and biomass. Literature and lake management experience suggest that carp and other rough fish can have negative impacts on water quality and the ecosystem when the biomass of the carp exceeds 89 lb./acre. The Commission estimated total biomass pre-management actions at just over 56,800 lbs., which is approximately 177 lb./acre across the Twin Lakes chain.

In 2018 and 2019, approximately 14,450 pounds of carp were removed from the lake system, or about 44% of the amount necessary to bring the population down to a more manageable level. The tracking also verified that the fish were moving freely between Upper, Middle, and Lower Twin Lakes as well as moving into Ryan Lake via Ryan Creek. That project included installing a barrier on Ryan Creek at France Avenue to prevent carp movement between the Twin Lake chain and Ryan Lake/Creek and Shingle Creek downstream. No additional carp management has been performed on this lake system since 2019.



The Commission is interested in 1) updating the population estimate to determine current conditions and the magnitude of the need for additional carp harvesting; 2) updating its understanding of how the fish are moving into and out of the system; and 3) evaluating whether the carp barrier continues to be necessary, or if it can be moved or modified.

The Work Order outlines three tasks:

- Task 1. Conduct three common carp surveys (\$23,066)
- Task 2. Analyze and report the survey data (\$13,224), and
- Task 3. Project management, meetings and coordination (\$1,710)

Motion by Perkey, second by Robinson to recommend that the Shingle Creek Commission approve the scope of work detailed in Work Order 24-04 at a total cost of \$38,000. *Motion carried unanimously.*

IV. JOINT POWERS AGREEMENT. Included in the meeting packet are redlined* and draft updated versions* of the Shingle Creek Commission's Joint Powers Agreement (JPA). The agreement as well as West Mississippi's JPA, which is very similar in content, expire on December 31, 2024. After considerable discussion, it was agreed by consensus that the discussion should continue at the May TAC meeting and that the Commission's attorney should be present at that meeting. The members primarily requested more information about the proposed changes and also discussed the schedule by which the process of drafting the revised JPA and sending it to the member cities for review and approval must occur.

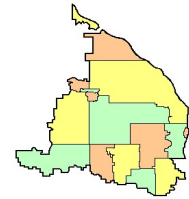
V. 2023 ANNUAL WATER QUALITY REPORT.* Stone presented the findings from the joint 2023 Shingle Creek and West Mississippi Watershed Management Commissions' water monitoring program.

A. Why the Commissions monitor:

- 1. To quantify the current status of streams and lakes throughout the watersheds and compare to water quality standards.
- 2. To quantify changes over time, or trends, in stream and lake water quality.
- 3. To identify problem areas for potential BMPs.
- 4. To quantify the effectiveness of implemented BMPs throughout the watersheds.

The typical water quality parameters the Commissions sample for are total phosphorus, ortho-phosphorus, total suspended solids, chloride, and chlorophyll-a. These parameters inform about pollutants in the water, water clarity, and the ecological health of the lake/stream.

B. The Commissions choose sites for monitoring according to the monitoring program set forth in their Fourth Generation Watershed Plan. In 2023, they monitored the following sites:



1. **Shingle Creek** - Bass Creek (BCP), Shingle Creek (SC-0, SC-3, USGS site at Queen Avenue), Upper and Middle Twin Lakes , Meadow Lake, and Eagle and Pike Lakes.

2. **West Mississippi** – at the 65th Avenue Outfall and the Environmental Preserve outlet. C. Meadow Lake and Eagle and Pike Lakes were all monitored under special projects and are included in the Water Quality Report for completeness.

Stone will repeat her presentation today at the regular meetings of the Commissions. The full report and technical appendices are available at shinglecreek.org/water-quality.html.

VI. **REPUBLIC SERVICES.***

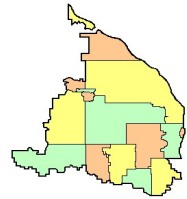
A. On March 13, 2024, Crystal resident William Kuster sent an email to the Shingle Creek Watershed Management Commissioners about a pervasive litter problem potentially originating at the Republic Services Minneapolis Recycling Center, located in the Minneapolis Camden neighborhood. In the email, Kuster described the litter blown from the Republic Services Recycling Center that accumulates in the Shingle Creek watershed and flows downstream into the Mississippi River. Kuster contacted the office of Minneapolis 4th Ward City Council member, LaTrisha Vetaw. The City of Minneapolis then sent an Inspector to inspect the grounds of the Recycling Center. Kuster documented the litter accumulation with photos. In his March 22, 2024 email,* he asked the Commission, as an organization larger than himself, to “recognize this litter problem and the detrimental effect it has on the watershed as a worthy cause, and to join with [him] to take it on as an issue that [the Commission] can use [its] influence and power to try to correct.”

B. At the March meeting of the Commission, Stantec was asked to draft a letter to Republic Services addressing the issue of litter from the Recycling Center polluting Shingle Creek. Commissioner Schoch also sent an email* to Chairman Polzin describing actions he has taken in bringing this situation to the attention of Councilor Vetaw.

C. After the City of Minneapolis received Kuster’s email, a City of Minneapolis Inspector visited the Republic Services Recycling Center to perform a litter inspection. Beverly Mathiasen, Sales Manager at Republic Services, asserted in an email that at the time of inspection, there were no violations or citations cited at the Recycling Facility. She asserted that the Inspector was pleased with Republic Services’ operations and management practices. Ms. Mathiasen wrote that Republic Services is compliant with Chapter 350 of the City of Minneapolis Code of Ordinances and remains good stewards of the environment. She listed a number of “good faith efforts” Republic Services undertakes in maintaining compliance.

D. With the recent passing inspection in mind, Stantec drafted a letter* to Republic with a “softer” tone while stressing that they prioritize trash management and take immediate action when routine housekeeping and required activities are not sufficient due to changing conditions (i.e., weather, processing capability).

It was a consensus of the members of the TAC to advise the Shingle Creek Commission not to send the letter at this time.



VII. OTHER BUSINESS.

A. Shoemaker announced that an updated project review for the **Prudential redevelopment project** will be presented at the upcoming meeting.

B. He also announced the **252/94 meeting** has been rescheduled from April 10 to today, April 11.

C. The **next TAC meeting** is scheduled for Thursday, May 9, 2024, at 11:00.

There being no further business, the TAC meeting was adjourned at 12:06 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
JAA:tim

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