

MINUTES
December 1, 2020

A virtual meeting of the Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions was called to order by Chairman Richard McCoy at 10:33 a.m., Tuesday, December 1, 2020.

Present were: Andrew Hogg, Brooklyn Center; Mitch Robinson, Brooklyn Park; Mark Ray, Crystal; Derek Asche, Maple Grove; Ben Scharenbroich and Amy Riegel, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; Ed Matthiesen and Diane Spector, Wenck Associates, Inc.; Eric Alms, Minnesota Pollution Control Agency; and Judie Anderson and Amy Juntunen, JASS.

Not represented: Champlin, Minneapolis, New Hope and Osseo.

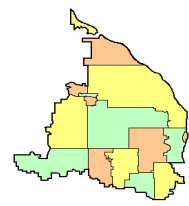
- I. Motion by Ray, second by Asche to **approve the agenda.*** *Motion carried unanimously.*
- II. Motion by Ray, second by Riegel to **approve the minutes*** of the September 24, 2020 meeting. *Motion carried unanimously.*

III. Opportunity Grant Applications.

A. The City of Robbinsdale is seeking to submit an application for funding to **restore shoreline on Ryan Lake,*** reducing bank erosion and sedimentation into the lake and downstream waterbodies by implementing stabilization projects along the shoreline. Water from Crystal Lake is pumped into Ryan Lake when the elevation is above 847.6 feet. The proposed restoration would fix existing bank erosion and sloughing as well as prevent future erosion due to increased water in the system. The project involves installing a double row of coconut coir logs onto the shoreline, planting forbs or grass plugs into the logs, and professionally maintaining the shoreline for three years. The cost is estimated at \$10,000 per property. Opportunity Grants award funds up to \$100,000; Commission cost-share would total \$50,000 from the Partnership Cost Share Account.

Motion by Ray, second by Riegel to approve this application for submittal at the amounts noted above. *Motion carried unanimously.*

B. The Shingle Creek Commission has completed an application for a **Channel Modification to Enhance SRP Removal.*** The modification would consist of the installation of a media filter in a channel conveying high SRP (soluble reactive phosphorus) from a wetland (639W) in the City of Crystal to Upper Twin Lake, which is impaired for excess nutrients. The commission had previously conducted a pilot field trial to evaluate the effectiveness of several types of media in reducing SRP. This project would increase the project scale to treat all the outflow from the wetland by lining approximately 300 feet of the outlet channel with interconnected cells of the two best-performing media. It is estimated the project will reduce SRP load to Upper Twin Lake by about 50#/year, about 25% of the remaining phosphorus load. The total cost of the project is estimated at \$125,000 with the Commission sharing \$50,000 of the cost from the



Closed Project Account and requesting \$75,000 from the Opportunity Grant program. Submittal of this project was approved at the Commission's November meeting.

IV. 2021 Project Review Fee Schedule.* Spector noted that for calculating fees for reviewing redevelopment projects under 50% disturbed, Staff have interpreted the site area size to be the project limits rather than the parcel or overall site area. The members agreed that Staff should continue with this interpretation, which will be formally added to the Rules and Standards the next time they are amended.

Motion by Ray, second by Hogg to approve this action. *Motion carried unanimously.*

V. MS4 General Permit Reauthorization. The Minnesota Pollution Control Agency has reissued the MS4 General Permit. City staff within the SCWMC (and other area watersheds) are currently working to determine the changes to the rules and the implications they have to individual MS4 cities and the Commissions. A group of city staff members are working together to determine the best approach to meeting the rules in the most cost-effective way possible. This includes, but is not limited to, working with the West Metro Water Alliance (WMWA) on educational efforts that will focus specifically around Chlorides, Pet Waste and other topics of importance such as TMDLs, water quantity and excessive nutrient control.

The members will continue to discuss the MS4 General Permit in the next 12-18 months to ensure city staff have the resources they need in order to be in compliance with the permit going forward.

VI. Other Business.

A. Grant Awards. The Commission has been informed that both the Connections II and Meadow Lake alum projects have been approved for funding with Clean Water Grants. Since both of these projects were also submitted for Watershed-based funding, Staff is working with Board of Water and Soil Resources (BWSR) staff to best leverage these funds or, alternatively, to substitute the Bass Creek project for WBIF funding.

B. Robbinsdale Project. McCoy shared the most recent site photo of the Water Treatment Plant construction site. He pointed out the clearwell walls and internal baffles and noted that forming up for the floor of the high service pump area is progressing. The contractor is taking advantage of the milder than usual weather and is making good progress.

VII. Next meeting – 10:30 a.m., Wednesday, January 20, 2021. This also will be a virtual meeting.

There being no further business for the good of the cause, the meeting was adjourned at 11:30 a.m.

Respectfully submitted,

Judie A. Anderson
Recording Secretary
JAA:tim

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