

**REGULAR MEETING MINUTES**  
**June 9, 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 12:47 p.m. on Thursday, June 9, 2022, at Crystal City Hall, 4141 Douglas Drive, Crystal, MN.

Present for Shingle Creek were: David Mulla, Brooklyn Center; Alex Prasch, Brooklyn Park; Burt Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Ray Schoch, Minneapolis; Bill Wills, New Hope; John Roach, Osseo; Andy Polzin, Plymouth; Ed Matthiesen, Diane Spector, Todd Shoemaker, and Katie Kemmitt, Stantec; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Not represented: Robbinsdale.

Present for West Mississippi were: David Mulla, Brooklyn Center; Alex Prasch, Brooklyn Park; Gerry Butcher, Champlin; Karen Jaeger, Maple Grove; John Roach, Osseo; Ed Matthiesen, Diane Spector and Katie Kemmitt, Stantec; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Also present were: Mike Albers, Brooklyn Center; Melissa Collins and Mitchell Robinson, Brooklyn Park; Derek Asche, Maple Grove; Katie Kowalczyk, Minneapolis; Bob Grant and Nick Macklem, New Hope; Amy Riegel and Hailey Olson, Plymouth; Richard McCoy and Mike Sorensen, Robbinsdale; and Kris Guentzel, Hennepin County Environment and Energy.

II. **Agendas and Minutes.**

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

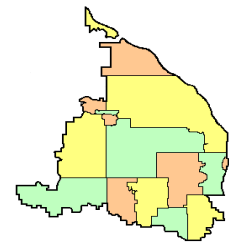
Motion by Butcher, second by Roach to approve the **West Mississippi agenda**. \* Motion carried unanimously.

Motion Schoch, second by Prasch to approve the **minutes of the May 12, 2022, regular and public meetings**. \* Motion carried unanimously. (A reference to non-attendance at an April 25 meeting was not understood by the scribe.)

Motion by Roach, second by Butcher to approve the **minutes of the May 12, 2022, regular and public meetings**. \* Motion carried unanimously.

III. **Finances and Reports.**

A. Motion by Orred, second by Schoch to approve the Shingle Creek **June Treasurer's Report\* and claims** totaling \$51,309.07. Voting aye: Mullen, Prasch, Orred, Jaeger, Schoch, Wills, Roach, and Polzin; voting nay: none; absent: Robbinsdale.



**B.** Motion by Jaeger, second by Roach to approve the West Mississippi **June Treasurer's Report\* and claims** totaling \$12,561.72. Voting aye: Mulla, Prasch, Butcher, Jaeger, and Roach; voting nay: none.

**IV. Open Forum.**

Jaeger made note of the passing of **Norm Wenck**, founder of Wenck and Associates.

**V. Project Reviews.**

**VI. Third Generation Watershed Management Plan.**

**A.** At this meeting the Commissions must **set the maximum amount of capital projects levy\*** they expect to certify to Hennepin County. The actual levies will be certified in September, after the Commissions hold public hearings on the proposed projects. Tables 1 and 2 show the CIP projects that will be considered in September. The Maximum Levy sets the ceiling for the capital levy; the Commissions can certify a lesser levy but cannot increase it. In 2016 the Commissions began levying an additional 5% to cover administrative costs, and an additional 1% to cover uncollected levies, based on the historical rate of uncollectible. These maximum levies will be forwarded to Hennepin County.

**Table 1. Shingle Creek 2022 CIP Projects (2023 levy).**

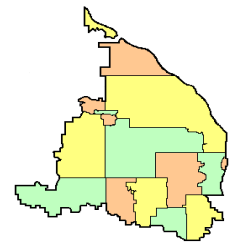
Project	Total Est Cost	City/Private	Grant	Comm Share	Total Levy
Cost share (city projects)	\$200,000	\$100,000	0	\$100,000	\$106,050
Partnership cost share (private projects)	50,000	0	0	50,000	53,025
Maintenance fund	50,000	0	0	50,000	53,025
<b>Subtotal</b>	<b>\$300,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>212,100</b>
<b>5% additional for legal/admin costs</b>				<b>10,000</b>	
<b>Subtotal</b>				<b>210,000</b>	
<b>TOTAL LEVY (101% for uncollectable)</b>				<b>\$212,100</b>	

Motion by Schoch, second by Wills to set the maximum 2023 Shingle Creek levy at \$212,100  
*Motion carried unanimously.*

**Table 2. West Mississippi 2022 CIP Projects (2023 levy).**

Project	Total Est Cost	City/Private	Grant	Comm Share	Total Levy
Cost share (city projects)	\$100,000	\$50,000	0	\$50,000	\$53,025
Partnership cost share (private projects)	100,000	0	0	100,000	106,050
<b>Subtotal</b>	<b>\$150,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>150,000</b>	<b>159,075</b>
<b>5% additional for legal/admin costs</b>				<b>7,500</b>	
<b>Subtotal</b>				<b>157,500</b>	
<b>TOTAL LEVY (101% for uncollectable)</b>				<b>\$159,075</b>	

Motion by Jaeger, second by Butcher to set the maximum 2023 West Mississippi levy at \$159,075. *Motion carried unanimously.*



**B.** The Commissions' Third Generation Watershed Management Plan and Capital Improvement Programs (CIP) are proposed for a Minor Plan Amendment\* (MPA) (paragraph VI.A., above). The Technical Advisory Committee (TAC) and the Shingle Creek Commission have discussed the proposed modification several times over the last few months, most recently at the May 12, 2022, meeting.

As proposed, the Plan would be revised to add a new project to the Shingle Creek CIP – "Maintenance Fund." This would create a segregated fund similar to the Cost Share programs that would be funded by an annual levy and would be used for non-structural and maintenance activities to improve or maintain water quality. As discussed before, these are activities such as ongoing long-term efforts to manage carp or curly-leaf pondweed, which would be the largest need, but also maintenance of fish barriers or BMPs installed as research projects, etc.

If the Commissions choose to go forward with the Minor Plan Amendment, Staff recommend setting July 14, 2022, as the public meeting at which it would be discussed. At that meeting, the Commissions would consider creating the proposed Fund and adopting the Maintenance Fund Policy. Because it is a joint Plan, both Commissions must authorize proceeding with the Minor Plan Amendment. A copy of the proposed minor plan amendment must be sent to the member cities, Hennepin County, the Met Council, and the state review agencies for review and comment, and a public meeting (not a hearing) must be held to explain the amendment. This meeting must be public-noticed twice, at least seven and 14 days prior to the meeting.

*Motion by Roach, second by Wills to initiate the Minor Plan Amendment as described above. Motion carried unanimously.*

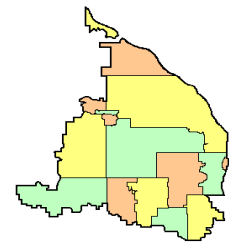
*Motion by Jaeger, second by Prasch to initiate the Minor Plan Amendment as described above. Motion carried unanimously.*

## **VII. Fourth Generation Watershed Management Plan.\***

**A. SCWM Boundary Change.** The 4th Generation Plan is an opportune time to revisit the watershed boundaries to ensure that they accurately reflect the most current information about drainage between the Shingle Creek and West Mississippi drainage areas and the neighboring Elm Creek, Bassett Creek, and Mississippi watersheds. Updated hydrological modeling, more refined 2-foot LIDAR compared to the old 10-foot topography has revealed a disconnect between the legal boundary and the hydrologic boundaries, compounded by subdivisions of larger, formerly agricultural and rural lots into suburban development.

Staff have prepared a **Proposal for Professional Services\*** to complete the work necessary to pursue these boundary revisions. This work will require a substantial effort of reviewing drainage patterns, in some cases reviewing the boundary areas lot by lot. These have not been updated since the Commissions were formed in 1985. In West Mississippi's case, there never was more than a simple hydrologic model available, and the Commission never formally established a hydrological boundary. Shingle Creek's has been updated several times, to develop a watershed-wide HydroCAD model, the watershed XP-SWMM model prepared as part of the chloride TMDL, and most recently updated in the HUC 8 flood hazard study.

Should the Commissions choose to proceed with this work, Staff recommend that the cost be split equally between the two watersheds and funds be reallocated from each Commission's Cost Share Projects accounts, both of which are carrying balances well above the maximum recommended by the Cost Share Policy (Shingle Creek has about \$270,000 and West Mississippi has about \$300,000). The TAC reviewed this proposal at its meeting just prior to the Commission meeting and recommended approval of the proposal totaling \$27,900.



Motion by Schoch, second by Roach to approve Staff's proposal to perform this work. *Motion carried unanimously.*

Motion by Butcher, second by Roach to approve Staff's proposal to perform this work. *Motion carried unanimously.*

**B. Review of Draft Priorities, Goals, and Policies.** Based on input received to date, Staff have developed the draft Priorities, Goals, and Policies included in the meeting packet. Also included in the packet for reference are the current goals and policies from the 3rd Generation Plan. Discussion focused on climate sustainability, social equity and restorative justice, groundwater, feasibility studies, and continuing 5-year reviews of TMDLs. From Commissioner and TAC input, Staff will continue to develop the foundational components of the Fourth Generation Plan.

*[Butcher departed 1:45 p.m.]*

**C. Review of Preliminary CIP and Implementation Plan.** Staff continues to develop the individual lake and stream resource plans that will help to define both the monitoring program and the implementation plan. They will be identifying where such future work as (1) lake internal load feasibility studies; (2) subwatershed assessments; and (3) targeted monitoring might be helpful in the coming ten years. They are also working with the TAC to start building the CIP for the coming ten years.

#### **VIII. Water Quality.**

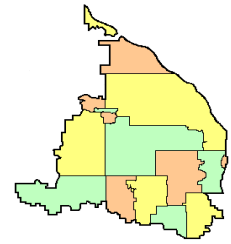
**A.** Motion by Schoch, second by Roach to approve the **October 1, 2021 – September 30, 2023 Cooperative Agreement with the US Geological Survey (USGS)**. *Motion carried unanimously.* The agreement is in the amount of \$84,700, with the Commission's share being \$44,900, and is for the operation and maintenance of specific conductance and water temperature monitoring instrumentation on Shingle Creek at Queen Avenue in Minneapolis. James Fallon, USGS Data Chief, Minnesota portion of Upper Midwest Water Science Center, will be invited to speak to the Commissioners at their July 14 meeting.

**B.** Members recapped the Technical Advisory Committee meeting which preceded this meeting.

#### **IX. Grant Opportunities.**

**A. Crystal Lake Management Plan.** Carp removals on Crystal Lake in 2021 were extremely successful, with over 3,900 carp removed (an estimated ~33% of the lake's population), moving the lake closer to improved water quality. The first of two alum treatments was applied successfully in September 2021. Activities at the lake for 2022 are underway. Netting equipment to capture common carp was set up in the lake on June 2, 2022. Up to four carp removal events will occur between now and the end of summer. An updated population estimate will be made with data collected during carp removals. Staff will be working with the City of Robbinsdale to coordinate the second alum treatment, which is planned for Fall 2022.

**B. Bass Lake Vegetation Improvements.** The Commission has successfully improved water quality and clarity on Bass Lake in Plymouth through the Bass and Pomerleau Lakes Alum Project. Water quality is the best it has been in decades and both lakes are to be delisted; however, the native aquatic plant community appears to be limited. Curly-leaf pondweed (CLP) is still present in the lake in significant areas, and overall native species diversity is low. The Commission recently was awarded a DNR Conservation Partners Legacy Grant (CPL) to complete vegetation transplanting in the lake that will help restore the native plant community. As of June 2, 2022, the grant has been executed and work can begin. Staff will be working with the DNR and the Bass Lake Association to plan and execute two vegetation transplanting events in Summer



2022. Staff will monitor the success of the plantings in the summers of 2022 and 2023 using standard survey techniques.

**X. Education and Public Outreach.**

The next WMWA meeting will be held via Zoom at 8:30 a.m., June 14, 2022.

**XI. Communications.**

**May Communications Log.\*** No items required action.

**XII. Other Business.**

**XIII. Adjournment.** There being no further business before the Commissions, the joint meeting was adjourned at 2:47 p.m.

Respectfully submitted,

A handwritten signature in black ink that reads "Judie A. Anderson".

Judie A. Anderson  
Recording Secretary  
JAA:tim

Z:\Shingle Creek\Meetings\Meetings 2022\June 9 regular meeting minutes.docx