

**MINUTES**  
March 29, 2018

A 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 8:33 a.m., Thursday, March 29, 2018, at Crystal City Hall, 4141 Douglas Drive North, Crystal, MN.

Present were: Andrew Hogg, Brooklyn Center; Mark Ray, Crystal; Rick Lestina, Maple Grove; Liz Stout, Minneapolis; Shawn Markham, New Hope; Ben Scharenbroich, Plymouth; Richard McCoy, Robbinsdale; Ed Matthiesen and Diane Spector, Wenck Associates, Inc.; and Judie Anderson, JASS.

Not represented: Brooklyn Park, Champlin, and Osseo.

Also present: Stephanie Hatten, WSB & Associates.

- I. Motion by Stout, second by Scharenbroich to **approve the agenda**. *Motion carried unanimously.*
- II. Motion by Scharenbroich, second by Hogg to **approve the minutes** of the February 1, 2018 meeting.\* *Motion carried unanimously.*
- III. **Minor Plan Amendment.\***

The proposed Minor Plan Amendment would revise the CIP to specify that the 2018 generic Lake Internal Load Project is the Bass and Pomerleau Lakes Alum Treatment Project and updating the project cost, In addition, the Shingle Creek Commission would add the SRP Reduction Project, a Section 319 grant research project (recommended by the MPCA for funding) to the CIP. Both projects would be added in 2018.

The proposed CIP and MPA process for 2018 is the typical process with one difference. Instead of holding the public hearing on 2018 projects and certification of levies in September, Staff propose to hold the hearing in July. This will allow the Commission to order and Plymouth to bid the project so that a contract can be awarded in September for October alum application.

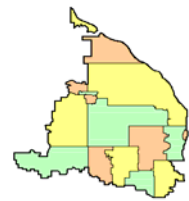
Because it is a joint Plan both Commissions must authorize proceeding with the Minor Plan Amendment. The Commissions must send a copy of the proposed MPA to the member cities, Hennepin County, Metropolitan Council, and the state review agencies for review and comment, and must hold a public meeting to explain the amendment. This meeting must be public noticed twice, at least seven and 14 days prior to the meeting. Hennepin County will be undertaking a parallel process of review and public hearing.

Motion by Scharenbroich, second by Stout to recommend to the Commissions moving forward with the public meeting and setting the date of the public meeting as May 10, 2018. *Motion carried unanimously.*

**IV. Rules Check-in.\***

The Third Generation plan states that the Commission will periodically review and update as necessary the development/redevelopment rules and standards and practices. Staff do not have anything specific to recommend at this time, but it is good to check in:

- A. Are there any potential revisions that should be considered?



**B. How has the process been going for City review of projects under five acres?**

Staff suggest that the Commission look into updating the review fees,\* which have not been updated since 2014. A copy of Bassett Creek WMO’s recently updated review fee structure\* is included in the meeting packet for comparison.

The Commissions’ unaudited year-end fee revenues and expenses are shown below. The expenses include more tasks than just the actual project reviews, and there are some expenses relating to project reviews that never generate a review fee (inquiries, assistance to cities). However, based on the magnitude of difference an assessment of the adequacy of the fees in capturing review expenses is in order.

**Unaudited 2017 year end project review fees and project review-related expenses.\***

Commission	Review Fees Received	Expenses**
Shingle Creek	\$19,700	\$44,958
West Mississippi	\$18,800	\$34,472

\*Excludes Blue Line expenses.

\*\*Both Engineering and Administrative expense

**V. Pike Lake Subwatershed Assessment.\***

The City of Maple Grove has requested that a subwatershed assessment (SWA) be completed in that part of Maple Grove that is tributary to Pike Lake. The Commission has previously completed an assessment for the part that is in the City of Plymouth. The SWA will identify potential BMPs to reduce nutrient loading to Pike Lake.

The Commission budgets \$20,000 annually for subwatershed assessments. Maple Grove would like to use its own consultant, WSB, to complete this work. This would require the Commission to enter into a cooperative agreement with Maple Grove wherein the Commission agrees to reimburse the City to a maximum of \$20,000.

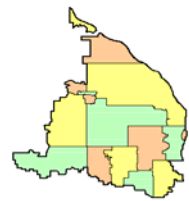
Motion by Ray, second by Scharebroich to recommend to the Commission approval of this request and directing the Commission’s attorney to draft a cooperative agreement. *Motion carried unanimously.*

**VI. Submersed Aquatic Vegetation (SAV) Management Policy.\***

The purpose of the policy is to set forth the conditions under which the Commission would lead and fund the treatment of aquatic invasive species. In discussions with other WMOs and cities that have undertaken internal load projects, Staff has found that post-construction treatment of invasive species is common, with management extending to a point where the AIS coverage is under control. This may take two to three years on many lakes, and five years or more on lakes that are highly infested. In the latter case, the first few years are often more extensive treatment, followed by a few years of tapering down to spot treatment. For example, Riley-Purgatory-Bluff Creek has some lakes with initial treatment costing \$20-25,000, followed by a few years of \$8-10,000 of less extensive treatment.

For the most part, WMOs and cities have limited participation in managing native species for access and recreation, which is primarily left to lake associations or individual property owners. According to the DNR there are currently nine Lake Improvement Districts in the Metro area, five of which were formed for aquatic vegetation management/AIS management purposes.

Point #6 of the draft SAV policy includes the statement, *The Commission will not participate financially in the cost of SAV management performed for recreation and access purposes.* In researching



SAV management by other WMOs, Staff learned that the Bassett Creek management plan includes the following language:

*#79: The BCWMC will support and collaborate with other entities (e.g., agencies, lake association, cities, counties) to manage and prevent the spread of aquatic invasive species, BCWMC services may include point-intercept surveys of aquatic vegetation, feasibility studies, technical analysis, education, exploring funding options, and applying for grants. The BCWMC will not manage increased growths of native aquatic vegetation resulting from improved water quality.*

Motion by Scharenbroich, second by Hogg to recommend approval of the draft policy with inclusion of the BCWMC language. *Motion carried unanimously.*

**VII. FEMA Grant.**

Matthiesen provided a verbal update on the flood mapping project. Wenck has estimated the cost to update the hydrology and hydraulic models is \$75,000. Rita Weaver at the DNR said \$50,000 is available to Shingle Creek. Spector indicated the Commission should be able to find \$25,000 by reallocating funds in the special studies account to cover the difference of the two-year period of the FEMA grant. The DNR is looking into additional funds for surveying or DNR staff availability.

Currently there is a hold on the West Mississippi scope of work. DNR will seek funding to do that work.

**VIII. Watershed-based Funding Pilot Project.**

Spector updated the members on this project. Invitations to the first meeting will be sent out soon – 1:30 p.m., May 16, 2018, Plymouth Library.

**IX. Twin Lake Carp Project.**

Matthiesen reported that the temporary barrier has been installed between Upper and Middle Twin Lakes. The barrier between Ryan and Lower Twin Lakes is being installed today.

**X. Other Business.**

**A.** Lestina inquired about the Commission's possible involvement in improving the **Eagle Lake channel**. He reported that Maple Grove has performed all of the remediation possible to prevent flooding and shoreline erosion. He would like to collaborate with the City of Brooklyn Park to conduct the necessary channel maintenance that will complete this process.

**B.** The **next meeting** of the Technical Advisory Committee is scheduled for May 24, 2018, at 8:30 a.m. at Crystal City Hall.

**C.** The meeting was adjourned at 9:48 a.m.

Respectfully submitted,

A handwritten signature in black ink, reading "Judie A. Anderson".

Judie A. Anderson  
Recording Secretary

