



3235 Fernbrook Lane N • Plymouth, MN 55447  
Tel: 763.553.1144 • Fax: 763.553.9326  
Email: judie@jass.biz • Website: www.shinglecreek.org

**MINUTES**  
March 9, 2017  
**CORRECTED**

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 11:02 a.m., Thursday, March 9, 2017, at Edinburgh USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

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

Not represented: Champlin, New ~~H~~Ossee Hope, and Osseo.

Also present: Mitch Robinson, Brooklyn Park;

- I. Motion by Ray, second by Scharenbroich to approve the **agenda**.\* *Motion carried unanimously.*
- II. Motion by Ray, second by Hogg to approve the **minutes of the January 31, 2017 meeting**.\* *Motion carried unanimously.*
- III. **2016 NPDES Activity Report**.\*

Since the Commissions' Second Generation Watershed Management Plan was approved in 2004, and reaffirmed in the Third Generation Watershed Management Plan, the Commissions continue to provide education and outreach programming to meet Commission objectives and to help member cities satisfy their education and outreach goals under their National Pollution Discharge Elimination System (NPDES) MS4 permits. This Annual Report serves both as a report to the Commissions and a report to the member cities that they can use in the preparation of their annual NPDES reports. This will be an action item at the Commissions' meeting today.

**IV. City Cost-Share Project Submittals**.\*

The cities of Crystal and Robbinsdale have submitted applications for 2017 cost-share funds for small projects under \$100,000. Both projects are located in the Shingle Creek watershed. Projects must be for water quality improvement and must be for improvement above and beyond what would be required to meet Commission rules. Priority is given to projects identified in a subwatershed assessment or TMDL. The maximum cost share is \$50,000 per project, and the city must at least match that share. The full applications are included in the meeting packet and summarized below.

**A. City of Crystal Phase 16 Street Reconstruction**.\* In 2017 the City will be reconstructing streets in the Skyway Neighborhood adjacent to Crystal Airport. Approximately nine infiltration sump manholes and infiltration swales are proposed to be installed to reduce runoff and alleviate some drainage issues. Much of the neighborhood surface flows to the Airport and then to Upper Twin Lake, an impaired water. Request is for \$50,000. Motion by Ray, second by Scharenbroich to recommend to the Commission this application for funding at \$50,000. Motion carried unanimously.

**B. City of Robbinsdale 37th Avenue Infiltration Chambers.\*** In 2017 the City will be reconstructing Noble Avenue in a subwatershed draining to Crystal Lake, an impaired water. The City proposes to install two infiltration chambers designed for Atlas 14 10-year storm events. The reduction in annual TP load to Crystal Lake is estimated at 15 lbs/year. A subwatershed assessment was completed for the Crystal Lake drainage area in Robbinsdale, and increased infiltration was recommended in this catchment. Request is for \$50,000. Motion by Ray, second by Scharenbroich to recommend to the Commission this application for funding at \$50,000. *Motion carried unanimously.*

Shingle Creek had an estimated encumbered balance of \$36,540 at the end of 2016 and has levied \$101,000 for collection in 2017, for an estimated year-end balance of \$137,540 prior to expenses. Earlier this year the Shingle Creek Commission adopted a policy revision setting a maximum balance for the partnership cost share account, with any balance in excess of that ceiling to be transferred into the city cost-share account.

No projects have been submitted for cost-share in West Mississippi. West Mississippi will have an estimated 2017 year-end balance of \$149,506 prior to expenses.

**C.** Matthiesen described work associated with the **Highway 169 Reconstruction Project** in Champlin. The City is proposing to install BMPs along the 169 corridor after the design work is completed. BMPs could include such things as tree trenches, infiltration benches, enhanced roadside benches, etc. and would exceed \$300,000 in cost.

The members discussed cost-sharing options. Motion by Lestina, second by Scharenbroich to recommend to the Commission approval of cost-sharing up to \$100,000, or one-third of the project cost, spread over two years, subject to receipt of final design approval, BMPs costing more than \$300,000, and consideration of other subsequent project submittals. *Motion carried unanimously.*

**D. Others.**

**1.** It is anticipated Brooklyn Center will be making application in the future for a project with a cost-share of \$50,000.

**2.** At the January TAC meeting it was noted that New Hope may submit a project dealing with **BMPs on their City Hall project**. The project was approved in principal for submittal at that meeting.

**V. CIP Projects.**

**A.** A request has been received to consider funding for the **2018 Mississippi Crossing CIP project**. Cost of this project is estimated at \$250,000. The City of Champlin is requesting a cost-share of \$62,500. Motion by Struve, second by Scharenbroich to recommend to the Commission this application for funding at \$62,500. *Motion carried unanimously.*

**B.** The City of Plymouth has submitted a CIP project, the **Palmer Creek Estates Stream Restoration project**, for consideration at the April TAC meeting. Proposed for 2021, the estimated cost of the project is \$450,000, with a requested cost-share of \$112,500.

**VI. Grant Updates.**

Matthiesen and Spector provided updates on the **Public Art Reaeration, Iron/Biochar Enhanced Sand Filter, and Twin Lake Carp Management Projects**.

**VII.** The **2016 Annual Water Quality Report** will be presented to the Commissioners at their April meeting. Spector indicated there is good news to report!

**VIII. Other Business.**

- A.** The **next meeting** is scheduled for April 27, 2017, at 8:30 a.m. at Crystal City Hall.
- B.** The meeting was adjourned at 11:53 a.m.

Respectfully submitted,



Judie A. Anderson  
Recording Secretary