



**MINUTES**  
October 26, 2017

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 8:31 a.m., Thursday, October 26, 2017, at Crystal City Hall, 4141 Douglas Drive North, Crystal, MN.

Present were: Andrew Hogg, Brooklyn Center; David Fritzke, Crystal; Liz Stout, Minneapolis; Ben Scharenbroich, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; Ed Matthiesen, Erik Megow and Bryce Cruey, Wenck Associates, Inc.; and Judie Anderson, JASS.

Not represented: Brooklyn Park, Champlin, Maple Grove, New Hope and Osseo.

Also present: Pat Lynch and Rita Weaver, Minnesota Department of Natural Resources (MnDNR).

I. Motion by Hogg, second by Stout to approve the **agenda** with the addition of item IV.A. Request from Hennepin County. *Motion carried unanimously.*

II. Motion by Stout, second by Hogg to approve the **minutes of the August 24, 2017 meeting.**\* *Motion carried unanimously.*

**III. SCWM FEMA Updates.**

A. The Federal Emergency Management Agency (FEMA) has awarded the MnDNR a **grant to update the Special Flood Hazard Areas (SFHAs) in the Twin Cities HUC8 watershed.** The scope of the grant depends on individual river reaches, but in most cases includes

1. Updated hydrology, either through modeling or use of statistical methods
2. Updated river hydraulics and/or volume analyses
3. Creating the floodway and floodplain shapefiles and x-section shapefiles
4. Creating depth grids
5. Development of Work Maps
6. A project narrative describing the above activities

B. Pass-through grants can be provided so that watershed organizations can complete some or all of these tasks. FEMA would like to leverage existing data wherever possible so Twin Cities WMOs within the HUC8 watershed are being approached to see if they have any data that can support this effort. Since leveraged data will reduce overall project cost, WMOs that can provide data will be offered remaining funds allotted for that watershed to be used for such activities as flood risk reduction or communication activities.

C. A map\* of the FEMA Study Areas in the SCWM hydrologic boundary was distributed. It shows which reaches should be studied using approximate or detailed methods.

**D.** Work can begin as soon as the pass-through grant paperwork with the state is completed. All deliverables must be submitted to the MnDNR by April 2020. The Scoping Document\* outlines a suggested intermediate timeline.

**E.** Total funds for each HUC10 watershed have been established between FEMA and the DNR. The cost estimates are based on MnDNR staff developing new hydrologic and hydraulic models using HEC-HMS and HEC-RAS, delineating all floodplains and x-section shapefiles, and developing the depth grids. These cost estimates will not be provided to the WMOs and the amount of the grant will not exceed the FEMA-negotiated costs for each WMO. Any unused funds can be passed through to the WMO to complete other flood risk reduction activities. These activities must be pre-approved by MnDNR staff.

**F.** Wenck staff will put together a scope of work and cost estimate for consideration by the Commissions at their November meeting.

#### **IV. Other Business.**

**A. Request from Hennepin County.** Karen Galles, Hennepin County Environment and Energy, Land and Water Unit Supervisor, has asked the Commissions if Hennepin County could apply for funds through the Commission's cost share grant program to purchase salt scale weighing equipment to be used at their Osseo garage. The grant request is estimated to be between \$5,000 and \$10,000. The members voted 0-5 against allowing Hennepin County to participate in this grant program, noting that the program is meant to be used by members of the JPO and the County is not a party to the JPA.

**B.** The **next meeting** of the Technical Advisory Committee is scheduled for November 30, 2017, at 8:30 a.m. at Crystal City Hall. The topic of discussion will be the Twin Lake project.

**C.** The meeting was adjourned at 9:07 a.m.

Respectfully submitted,



Judie A. Anderson  
Recording Secretary