

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

**MINUTES
Regular Meeting
November 13, 2014**

(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 Tina Carstens, Chair, on Thursday, November 13, 2014, at 12:49 p.m., at the Clubhouse at Edinburg USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

Present for Shingle Creek were: David Vlasin, Brooklyn Center; Tina Carstens, Brooklyn Park; Janet Moore, Crystal; Karen Jaeger, Maple Grove; Jeff Johnson, Minneapolis; Bill Wills, New Hope; Allan Hartkopf, Osseo; Dawn Swanson, Plymouth; Troy Gilchrist, Kennedy & Graven; Ed Matthiesen and Diane Spector, Wenck Associates, Inc.; and Judie Anderson, JASS.

Not represented: Robbinsdale.

Present for West Mississippi were: David Vlasin, Brooklyn Center; Tina Carstens, Brooklyn Park; Gerry Butcher, Champlin; Karen Jaeger, Maple Grove; Allan Hartkopf, Osseo; Troy Gilchrist, Kennedy & Graven; Ed Matthiesen and Diane Spector, Wenck Associates, Inc.; and Judie Anderson, JASS.

Also present were: Andrew Hogg, Brooklyn Center; John Roach and Jesse Struve, Brooklyn Park; Tom Mathisen and Wayne Houle, Crystal; Rick Lestina, Maple Grove; Bob Paschke, New Hope; and Richard McCoy, Robbinsdale.

II. **Agendas and Minutes.**

Motion by Swanson, second by Johnson to approve the **Shingle Creek agenda**. * Motion carried unanimously.

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

Motion by Moore, second by Swanson to approve the **minutes of the October 9, 2014 Shingle Creek regular meeting**. * Motion carried unanimously.

Motion by Jaeger, second by Butcher to approve the **minutes of the October 9, 2014 West Mississippi regular meeting**. * Motion carried unanimously.

III. **Finances.**

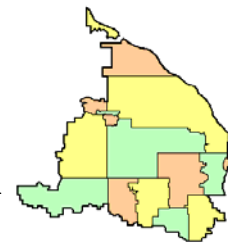
A. Motion by Swanson, second by Vlasin to approve the **Shingle Creek Treasurer's Report**. * Motion carried unanimously.

Motion by Jaeger, second by Moore to approve the **Shingle Creek November claims**. * Claims totaling \$37,603.05 were approved by roll call vote: ayes – Vlasin, Carstens, Moore, Jaeger, Johnson, Wills, Hartkopf, and Swanson; nays – none; absent – Robbinsdale.

B. Motion by Jaeger, second by Hartkopf to approve the **West Mississippi Treasurer's Report**. * Motion carried unanimously.

Motion by Butcher, second by Jaeger to approve the **West Mississippi November claims**. * Claims totaling \$11,315.09 were approved by roll call vote: ayes – Vlasin, Carstens, Butcher, Jaeger and Hartkopf; nays – none.

*items are included in meeting packet



IV. Open Forum.

Johnson noted that the Minnehaha Creek Watershed District is now video-recording their board meetings.

V. Project Review.

SC2014-15 Broadway Equipment, Minneapolis.* Construction of a new building and parking lot expansion on a site west of Humboldt Avenue North and south of 49th Avenue North. The new building will be built on an existing parking lot. Following development, the site will be 96% impervious, a decrease of 0.03 acres. A complete project review application (sans the project review fee) was received on October 22, 2014.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards with dead storage volume equal to or greater than the volume of runoff from a 2.5" storm event, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. The site proposes Stormtech underground chambers to provide water quality treatment from runoff from the proposed building and adjacent parking lot (0.426 acres), meeting Commission water quality treatment requirements.

Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year storm events. Runoff from the site will be directed into the Stormtech underground chambers for treatment. A grass buffer will also be added to the site. By observation, the applicant meets the Commission's rate control requirements for the 2 and 10-yr events because the site will have less impervious and will have water quality storage.

Commission rules require the site to infiltrate 1.0" of runoff from new impervious area within 48 hours. The new impervious area on this site will decrease by 0.03 acres. The existing impervious fraction requires that 0.04 acre-feet be infiltrated within 48 hours. The applicant proposes to filter the stormwater using Stormtech underground chambers, which meets Commission requirements.

The NWI does not identify any wetlands on site. There are no Public Waters or floodplain on this site. The Erosion Control Plan includes rock construction entrance, and inlet protection. The proposed project meets Commission requirements.

A public hearing on the project will be conducted as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

Motion by Swanson, second by Moore to advise the City of Minneapolis that Project SC2014-15 has been granted with three conditions:

1. Receipt of the project review fee of \$1,700.
2. Applicant must execute a recordable maintenance agreement with the City ensuring the underground infiltration systems are properly maintained.
3. The underground filtration system must be tested post-construction to ensure proper operation and drawdown time (within 48 hours).

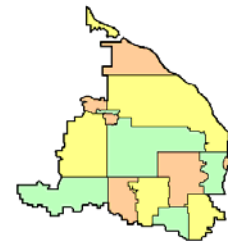
Motion carried unanimously.

VI. Water Quality.

A. Twin and Ryan Lakes TMDL Five-Year Review.* Based on data reviewed with the Commission over the past year, discussions with the cities in the Twin and Ryan Lakes subwatershed, and input from lakeshore property owners at two public meetings, Staff prepared a draft Five Year Review. The draft is currently being reviewed by the affected cities. Commissioners were asked to review the report and discuss a process for finalization, including a potential final public meeting with the lakeshore property owners. The finalization process will be discussed at the December meeting.

B. Targeted Watershed Demonstration Program.* Spector gave the presentation made to the BWSR interview panel. Grant awards are expected to be announced in early December. Query: Is the Commission prepared to specify when these projects will be undertaken?

*items are included in meeting packet



C. Shingle Creek Chloride TMDL.* The revised draft **Five Year Review*** of the Chloride TMDL project has been sent to the Technical Advisory Committee (TAC), TMDL stakeholders, and other interested parties such as MPCA, USGS and Met Council for review and comment.

Staff has been discussing how the Shingle Creek report might inform the Metro Chloride Project as the MPCA develops its Implementation Plan.

1. Should the Five Year Review conclusions be presented in stronger language? State that the road authorities have for the most part implemented most or all of the BMPs that are currently available, and there hasn't been an appreciable reduction in impairment to the stream. We are not aware of any technologies or practices that are not currently being implemented in the watershed that could further appreciably and feasibly reduce the use of road salt short of abandoning road salt and bringing back tire chains. Should this review more bluntly state that in a highly urban watershed like this there is only so much reduction that can realistically be achieved? That these BMPs may be sufficient for waters that are only slightly impaired?

2. The road authorities in Shingle Creek have made significant investments to implement these BMPs and other road authorities should not be discouraged from implementing them. It is important to note that there are many good reasons other than a TMDL to minimize the use of road salt: reduce public expenditure on salt; protect groundwater quality; reduce costly salt damage to pavement, bridges and vehicle bodies; reduce negative impacts on roadside vegetation.

3. The Metro Chloride Project is in the process of developing a TCMA Chloride TMDL and Chloride Management Plan. Part of that will be a winter Assessment Tool for road authorities to self-assess the effectiveness of their practices and identify where they can improve and thus reduce chloride loading. The practices in that tool are essentially the practices that were identified in the Shingle Creek Chloride TMDL.

The Commissioners will review the draft report and return to the December meeting to accept the report and draft a response to the MPCA.

D. Technical Advisory Committee (TAC).* Mathisen announced he is retiring from the City of Crystal. He recapped the history of the Commission from the time when he was the appointed representative from Crystal through his years as chair of the TAC. He received a certificate of appreciation from the members.

Two other members of the TAC retired in 2014 – Kevin Larson from Brooklyn Park and Guy Johnson from New Hope. Another former member of the TAC, Paul Coone, moved from the City of New Hope to the City of Roseville earlier this year. At the next TAC meeting the members will choose a new chairperson.

VII. Watershed Management Plan.

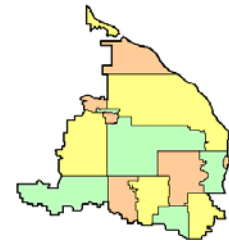
Major Plan Amendment. At their September meeting the Commissioners directed Staff to proceed with a Major Plan Amendment that would add to the CIP projects identified in the Targeted Watershed Demonstration Grant Program submittal as well as other “generic” projects. Appendix F of the Third Generation Watershed Management Plan would be revised to add these projects. The proposed amendment was transmitted to the member cities and reviewing agencies on September 17, 2014. The approximate end of the 60-day review period is November 21, 2014. The public hearing will take place at the Commissions’ December 11, 2014 meeting. The hearing has been public-noticed per State and Commission requirements.

VIII. Education and Public Outreach.

The **West Metro Water Alliance (WMWA)** is developing a special project idea and is requesting authorization to expend 2014 Special Project funds to obtain professional assistance in further developing this concept. Per the WMWA Joint Powers Agreement, Special Projects must be approved by each of the participating Commissions.

The special project is named, **“5,000 Acres by 2025.”*** There are Impaired Waters in each of the four member watersheds (Bassett Creek, Elm Creek, Shingle Creek and West Mississippi), and the TMDLs/WRAPS for

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each call for reducing pollutant loading and increasing infiltration in the watersheds. This Special Project is a campaign to convert 5,000 acres of turf grass or impervious surface to native vegetation by 2025. The campaign would focus not only on residential properties, but also commercial and corporate properties with large expanses of turf grass and impervious areas such as parking lots.

WMWA envisions a high-profile campaign that taps into the resources of its current partners - Three Rivers Park District, Hennepin County, and the Freshwater Society - and potential new partners such as Blue Thumb and Prairie Restorations. It is expected there will be a need to contract with someone who can coordinate this project, and to work with a PR firm to develop and implement an outreach campaign. It is also anticipated there will be a need to find grant funding to get the project off the ground.

WMWA is requesting each member Commission to authorize WMWA to expend up to \$6,000 in the WMWA budget (and already in the Commissions' 2014 budgets) for Special Projects to contract with an experienced coordinator who can make connections with partners, flesh out the project for further consideration in 2015, and investigate options for funding. If approved, WMWA will invoice each Commission \$1,500 in 2014.

Motion by Jaeger, second by Moore to approve this request. Motion carried unanimously.

Motion by Butcher, second by Hartkopf to approve this request. Motion carried unanimously.

The next WMWA meeting is scheduled for 8:30 a.m., Tuesday, December 9, 2014, at Plymouth City Hall.

IX. Grant Opportunities and Updates.

A. Clean Water Partnership Grants.* The funding round will open in late November. The application period will be open for 60 days. The TAC will discuss the use of BMP grant funds on private property.

B. Staff will present an update on the Green Roof project at the December meeting. The grant period ends June 2015.

X. Communications.

A. October Communications Log.* Information only.

B. Announcement: BWSR Signs Interagency Personnel Agreement with US Army Corps of Engineers.* Agreement will allow for better coordination of State and Federal wetland regulatory programs.

C. Minneapolis Park and Recreation Board provided an update on the construction of the Webber Natural Swimming Pool.*

D. Jaeger announced construction of the final segment of Highway 610 is underway. The 2.5 mile segment will connect I-94 in Maple Grove to Highway 169 in Brooklyn Park and is slated to be open to traffic in 2017.

XI. Other Business.

XII. Adjournment.

There being no further business before the Shingle Creek Commission, motion by Jaeger, second by Moore to adjourn. *Motion carried unanimously.* The meeting was adjourned at 2:22 p.m.

There being no further business before the West Mississippi Commission, motion by Jaeger, second by Hartkopf to adjourn. *Motion carried unanimously.* The meeting was adjourned at 2:22 p.m.

Respectfully submitted,

Judie A. Anderson
Recording Secretary
JAA:tim