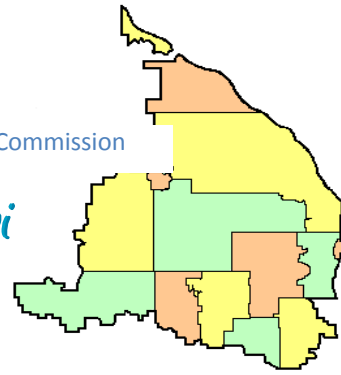




Watershed Management Commission



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MINUTES Regular Meeting January 10, 2019

(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 12:45 p.m. on Thursday, January 10, 2019, at the Clubhouse at Edinburg, USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

Present for Shingle Creek were: David Vlasin, Brooklyn Center; John Roach, Brooklyn Park; Burton Orred, Jr., Crystal; Gary Anderson, Minneapolis; Bill Wills, New Hope; Harold E. Johnson, Osseo; Andy Polzin, Plymouth; Wayne Sicora, Robbinsdale; Ed Matthiesen, Wenck Associates, Inc.; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Not represented: Maple Grove.

Present for West Mississippi were: David Vlasin, Brooklyn Center; Steve Chesney, Brooklyn Park; Gerry Butcher, Champlin; Harold E. Johnson, Osseo; Ed Matthiesen, Wenck Associates, Inc.; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Not represented: Maple Grove.

Also present were: Andrew Hogg, Brooklyn Center; Alex Prasch and Mitchell Robinson, Brooklyn Park; Mark Ray, Crystal; Derek Asche, Maple Grove; Liz Stout, Minneapolis; Bob Grant, Megan Hedstrom and Berne Weber, New Hope; Leah Gifford, Vanessa Strong, and Ben Scharenbroich, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; and Chris Long, Stantec, for item V.

II. Agendas and Minutes.

Motion by G. Anderson, second by Roach to approve the **Shingle Creek revised agenda**. * Motion carried unanimously.

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

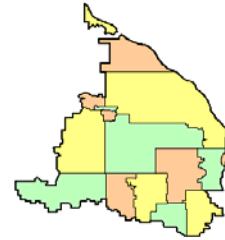
Motion by G. Anderson, second by Johnson to approve the **minutes of the December regular meeting**. * Motion carried unanimously.

Motion by Johnson, second by Chesney to approve the **minutes of the December regular meeting**. * Motion carried unanimously.

III. Finances and Reports.

A. Motion by Orred, second by G. Anderson to approve the **Shingle Creek January Treasurer's Report**. * Motion carried unanimously.

Motion by Orred, second by Johnson to approve the **Shingle Creek January claims**. * Claims totaling \$32,147.23 were approved by roll call vote: ayes – Vlasin, Roach, Orred, G. Anderson, Wills, Johnson, Polzin, and Sicora; nays – none; absent – Maple Grove.



B. Motion by Johnson, second by Chesney to approve the **West Mississippi January Treasurer's Report.***
Motion carried unanimously.

Motion by Butcher, second by Chesney to approve the **West Mississippi January claims.*** Claims totaling \$16,200.47 were *approved by roll call vote: ayes – Vlasin, Chesney, Butcher, and Johnson; nays – none; absent – Maple Grove.*

IV. Open Forum.

V. Project Reviews.

In November 2017 the Commissions reviewed and approved a portion of the site plan for the demolition and construction of **New Hope's City Hall, Police Station, City Pool, and associated parking lot** (project SC2017-008). That project review approved stormwater management for the portion of the overall project that drained to the south. The second phase of the project includes areas that drain to the north side of the project, which will be considered in a project review at the February 2019 meeting.

The City of New Hope requested to present Phase 2 and the proposed stormwater management provisions at this meeting to inform the Commission and to gain a sense of whether the project review will be approved so that it can be comfortable moving forward and stay on schedule for project bidding. Commission Staff have conducted a preliminary review of materials submitted and returned comments to the city's engineering consultant.

Included in Long's presentation were the overall site plan and figures showing proposed stormwater treatment features.

VI. Watershed Management Plan.

A. Staff provided a listing* of local stormwater plans that have been reviewed and approved by the Commission. Plans from all ten member cities in the joint SCWM watershed were approved in 2018 and are in compliance with MN Statute 103B.235 and Rule 8410.

B. Draft 2019 Work Plans.* Staff's January 4, 2019 memos outline a number of suggested activities for the **Shingle Creek** and **West Mississippi** 2019 work plans. Most are ongoing activities, while others rotate around the watershed. Proposed 2019 Monitoring Plans, providing additional details, will be presented to the Commissions in February.

1. Continue to implement TMDLs.

a. Complete 5-year performance review for Magda and Meadow Lakes; begin 5-year review for the Bass and Shingle Creek Biotic and DO TMDL.

b. Partner with City of Plymouth to undertake alum treatments on Bass and Pomerleau Lakes.

c. In partnership with cities of Crystal, Brooklyn Center, and Robbinsdale, continue to implement the Twin Lakes Management Project, including carp removal, aquatic vegetation management, and installation of fish barriers and a lake aeration system

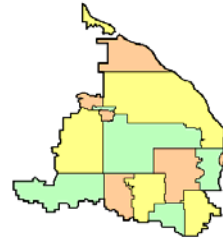
d. Partner with the City of Minneapolis to complete a subwatershed BMP assessment.

e. Partner with the City of Robbinsdale to pursue grant funding for the Crystal Lake Management Plan.

f. Work with the cities of Minneapolis, Brooklyn Center, Robbinsdale, and Crystal to perform an H & H study for Ryan Creek.

g. Work with the cities of Brooklyn Park and Brooklyn Center to identify streambank improvements for Shingle Creek from Regent Avenue to Brooklyn Boulevard.

h. Continue to pursue grant funding for TMDL implementation projects.



i. Expand the Directly Connected Untreated Areas geodatabase to include boundaries of the untreated areas directly connected to the lakes in the watershed. (Streams were completed in 2017.)

j. Continue to identify, pursue grant funding for, and implement projects and programs addressing the bacterial impairment in Shingle Creek and the Mississippi River.

k. Stay abreast of other regional and state TMDLs.

2. Partner with other organizations to increase reach and cost effectiveness.

a. Participate in West Metro Water Alliance joint education and outreach group.

b. Continue to partner with USGS to operate the Queen Avenue monitoring site.

c. Partner with USGS, DNR, and other interested parties to stay abreast of ground-water issues.

3. Continue ongoing administration and programming.

a. Conduct routine Commission lake water quality monitoring and aquatic vegetation and fish surveys on Schmidt and Cedar Island Lakes and grant-funded monitoring on Bass and Pomerleau Lakes. Conduct aquatic vegetation surveys on Upper, Middle, and Lower Twin Lakes through the Twin Lake Management Project grant.

b. Conduct Commission routine flow and water quality monitoring at SC_0 and SC_3 on Shingle Creek and Bass Creek Park (BCP) on Bass Creek as well as two DO longitudinal studies. Conduct fish and macroinvertebrate monitoring on all three sites in advance of the Shingle and Bass Creeks Dissolved Oxygen (DO) and Biotic Integrity TMDL 5 Year Review.

c. Sponsor volunteer stream monitoring through RiverWatch and wetland monitoring through WHEP (Hennepin County).

d. Sponsor volunteer lake monitoring through CAMP (Met Council) on Eagle, Pike, Meadow, and Success Lakes.

e. Complete reviews of development and redevelopment projects as necessary.

f. Prepare an annual water quality report.

g. Solicit cost-share projects from member cities funded from the Cost Share Fund and the annual \$100,000 levy and the Partnership Cost Share Fund and the annual \$50,000 levy.

h. Review feasibility studies for 2019 proposed capital projects, undertake Plan Amendments, hold public hearings, order projects and certify levies.

i. Prepare a 2020 annual budget.

j. Invite three guest speakers to make lunchtime water resources presentations.

k. Tour project sites in the watershed.

4. Continue to stay abreast of regional TMDLs.

a. Continue to identify, pursue grant funding for, and implement projects and programs addressing the bacterial impairment in the Mississippi River.

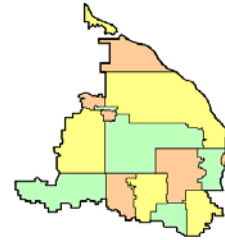
b. Stay abreast of other regional and state TMDLs.

c. Identify boundaries of the untreated areas directly connected to the Mississippi River or other conveyances.

5. Partner with other organizations to increase reach and cost effectiveness.

a. Participate in the West Metro Water Alliance joint education and outreach group.

b. Partner with the USGS, DNR, and other interested parties to stay abreast of groundwater issues.



- c. Partner with a member city to complete a subwatershed BMP analysis.

6. Continue ongoing administration and programming.

- a. Undertake routine flow and water quality monitoring at two outfalls into the Mississippi River.
- b. Sponsor volunteer stream monitoring through RiverWatch and wetland monitoring through WHEP (Hennepin County).
- c. Complete reviews of development and redevelopment projects as necessary.
- d. Prepare an annual water quality report.
- e. Solicit cost-share projects from member cities funded from the Cost Share Fund and the annual \$50,000 levy.
- f. Review feasibility studies for 2019 proposed capital projects, undertake Plan Amendments, hold public hearings, order projects and certify levies.
- g. Prepare a 2020 annual budget.
- h. Invite three guest speakers to make lunchtime water resources presentations.
- i. Tour project sites in the watershed.

Motion by Wills, second by G. Anderson to accept the draft 2019 Shingle Creek Work Plan. *Motion carried unanimously.*

Motion by Chesney, second by Vlasin to accept the draft 2019 West Mississippi Work Plan. *Motion carried unanimously.*

C. CIP and Annual Levy Limits. In May 2007 the Commissions adopted a Major Plan Amendment to their Second Generation Watershed Management Plan. That amendment established the Cost Share Policy for Commission participation in capital improvement projects up to a maximum of 25% of the actual project cost up to \$250,000. The policy also voluntarily limited the maximum annual levy request to \$500,000 for each Commission. In 2011, as the Commissions were developing their Third Generation Plan, this policy was reviewed by City Managers, who were satisfied with the policy as is and recommended no changes.

At the last Technical Advisory Committee (TAC) meeting, city staff had a brief discussion about reconsidering the self-imposed limits on Commission cost participation in CIP projects, and in the maximum amount of the annual levy. Staff's January 4, 2019 memo* provided some background for Commission discussion. Staff also recommended, if this is something the Commissions would like to have more information on and consider for possible amendment, that they request the TAC to review and discuss each of these issues and provide a recommendation for further discussion with the cities. Any changes to this policy must be completed by Minor Plan Amendment.

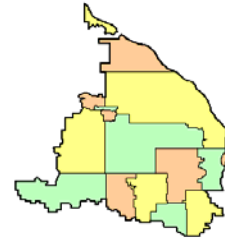
Motion by Orred, second by G. Anderson to refer this matter to the TAC. *Motion carried unanimously.*

The next TAC meeting is scheduled for 8:30 a.m., Thursday, January 24, 2019, at Crystal City Hall.

VII. Water Quality.

VIII. Education and Public Outreach - West Metro Water Alliance (WMWA).

A. Watershed PREP and Education and Outreach Events. Educators are currently scheduling spring classroom visits. The final results for 2018 have been tallied. Overall, 143 fourth grade classes with 3,593 students participated in Lesson 1: *What is a watershed and why do we care?* Of those participants, 1,755 students in 69 classrooms also received Lesson 2: *Water, the incredible journey.* The Educators also participated in four community events. The educators are also available to table at city and school events; contact Amy Juntunen at amy@jass.biz. In 2019 the educators will be putting together some potential presentations for lake associations.



B. *Ten Things You Can Do Brochure.* Final edits to the text have been made to the popular brochure that WMWA first developed in 2009 and is used extensively locally and metro wide. In general, the text is being refreshed and condensed, and additional emphasis is being placed on water conservation, proper deicer use, and lawn turf alternatives. The group is working with Hennepin County to update the design and layout and it is expected that the County will print the brochure at no cost to the watershed organizations.

C. **Website/Social Media.** The website Google Analytics for 2018 along with the Facebook insights for the last 28 days for both the Shingle Creek Commission and WMWA are included in Staff's memo.* There were almost 2,500 unique visitors to the website last year. Winter is a slow time for social media about water quality. At the January 8, 2019 meeting, WMWA agreed to again hire Dawn Pape to prepare 1-2 Facebook and Twitter postings per week for 2019 about water quality, AIS, salt use, natural resources issues, and the Pledge to Plant campaign. The contract also provides for one boosted post per month. Pape has been managing social media for the Bassett Creek Commission and has found that boosting one or two posts per month dramatically increases reach and engagement.

D. **2019 Budget.** Each of the four watersheds budgeted funds for 2019 WMWA administrative/technical services, Watershed PREP, and Special Projects based on estimated 2019 needs . Based on actual expenses for 2018 and taking into account unspent funds available to carry over to 2019, WMWA approved a 2019 budget of \$36,00. The Shingle Creek Commission acts as the fiscal agent for WMWA and invoices the other three watersheds at the beginning of the year and in the third quarter of the year if necessary. An initial invoice for 2019 of \$12,000 for administrative/technical services and \$8,000 for Watershed PREP will be mailed this month. Each WMO pays one-fourth of the cost of WMWA programming.

E. The **next WMWA meeting** is scheduled for 8:30 a.m., Tuesday, February 12, 2019, at Plymouth City Hall.

IX. Grant Opportunities and Updates.

A. **Twin Lake Carp Management Project.** Matthiesen reported that Wenck staff have been radio-tracking carp movement in Twin Lake and, as of today's meeting, the carp haven't schooled up into one location. Staff will track again in two weeks. If at that time they have schooled the carp removal contractor will be notified with the intent for a sein haul.

B. **Minneapolis subwatershed Assessment.** The Commission received a Clean Water Fund Accelerated implementation grant to complete a subwatershed assessment for that part of Minneapolis that is in the Shingle Creek watershed, about 2,046 acres. Modeling of the three sub basins (tributary to Crystal Lake, tributary to Ryan Lake, tributary to Shingle Creek) has been completed and Staff have met with the city to strategize potential BMP locations.

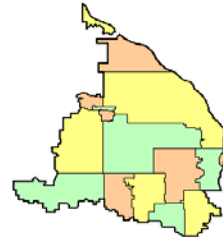
Matthiesen provided a brief overview of findings to date. Figures in Staff's January 4, 2019 memo* show the results of pollutant export modeling in terms of pounds of TP and TSS/year. Most of their focus has been on the areas contributing at higher rates. They have identified some potential BMP locations and removals and these were presented at the meeting.

C. **Watershed Based Funding.** Strong reported that a final stakeholder meeting is scheduled for January 18, 2019.

X. Communications.

A. **December Communications Log.*** No items required action.

B. Beginning in 2020, the Minnesota Pollution Control Agency (MPCA) will officially begin its work for the **Second Cycle (Cycle II) for the Mississippi River – Twin Cities HUC8 Level watershed.*** As with Cycle I, the Cycle II process will contain the following watershed scale elements: 1) Intensive Watershed Monitoring, 2) Waterbody Assessment and Impairment Listing, 3) Stressor Identification, and 4) TMDL and WRAPS Development. During the first two monitoring seasons (2020 and 2021) the MPCA's Surface Water Monitoring group will conduct biological and chemical sampling at sites throughout the watershed's streams and lakes. While the basic watershed framework



between Cycle I and II will largely remain the same, the Cycle II monitoring plan may differ from Cycle I depending on the data needs of the Agency and local partners.

Cycle II will begin with a kickoff meeting sometime in late January/early February to present MPCA's initial site selections as well as outline the process for local partners to submit a proposal for their monitoring needs. MPCA is inviting representatives from watershed organizations, agencies, etc. involved in or interested in surface water monitoring efforts to respond to a Doodle poll to choose one of two dates to attend a kickoff meeting at the MPCA Central Office in St. Paul. Individuals are asked to respond to the Doodle poll by Friday, January 11. Questions should be directed to Eric Alms, eric.alm@state.mn.us.

XI. Other Business.

A. Staff reported that the Commissions will continue to **meet at Edinburgh**. Contracts for the remaining months in 2019 are being prepared and D'Amico Catering has agreed to post-event payment.

B. Election of officers will occur at the February meeting.

C. The terms of representatives from **Champlin, Maple Grove, Minneapolis, and New Hope** expire January 31, 2019.

D. Motion by Orred, second by G. Anderson to make the following annual appointments:

1. Official newspaper, Osseo-Maple Grove Press
2. Deputy Treasurer, Judie Anderson
3. Official depositories, US Bank and the 4M Fund
4. Auditor, Johnson & Company, Ltd.

Motion carried unanimously.

Motion by Butcher, second by Chesney to make the aforementioned annual appointments. Motion carried unanimously.

XII. Adjournment. There being no further business before the Commissions, the meetings were adjourned at 2:16 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary
JAA:tim

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