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MINUTES
Regular and Public Meetings
November 12, 2015

(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 12, 2015, at 12:45 p.m., at the Clubhouse at Edinburgh USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

Present for Shingle Creek were: David Mulla, Brooklyn Center; Tina Carstens, Brooklyn Park; Janet Moore, Crystal; Karen Jaeger, Maple Grove; Bill Wills, New Hope; Larry Stelmach, Osseo; Andy Polzin, Plymouth; Troy Gilchrist, Kennedy & Graven; Ed Matthiesen, Wenck Associates, Inc.; and Judie Anderson, JASS.

Not represented: Minneapolis and Robbinsdale.

Present for West Mississippi were: David Mulla, Brooklyn Center; Tina Carstens, Brooklyn Park; Karen Jaeger, Maple Grove; Larry Stelmach, Osseo; Troy Gilchrist, Kennedy & Graven; Ed Matthiesen, Wenck Associates, Inc.; and Judie Anderson, JASS.

Not represented: Champlin.

Also present were: David Vlasin and Andrew Hogg, Brooklyn Center; John Roach and Jesse Struve, Brooklyn Park; Todd Tuominen, Champlin; Mark Ray, Crystal; Rick Lestina, Maple Grove; Bob Paschke, New Hope; Ben Scharenbroich, Plymouth; Richard McCoy, Robbinsdale; and Susan Nelson, Wenck Associates.

II. **Agendas and Minutes.**

Motion by Stelmach, second by Wills to approve the **Shingle Creek agenda**.* *Motion carried unanimously.*

Motion by Stelmach, second by Mulla to approve the **West Mississippi agenda**.* *Motion carried unanimously.*

Motion by Moore, second by Polzin to approve the **minutes of the October 8, 2015 Shingle Creek meeting**.* *Motion carried unanimously.*

Motion by Jaeger, second by Stelmach to approve the **minutes of the October 8, 2015 West Mississippi meeting**.* *Motion carried unanimously.*

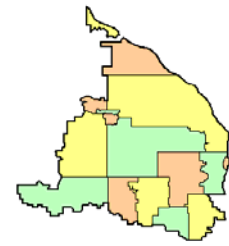
III. **Finances and Reports.**

A. Motion by Moore, second by Polzin 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 \$32,009.75 were *approved by roll call vote*: ayes – Mulla, Carstens, Moore, Jaeger, Wills, Stelmach, and Polzin; nays – none; absent – Minneapolis and Robbinsdale.

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

*items are included in meeting packet



Motion by Stelmach, second by Jaeger to approve the **West Mississippi November claims**.^{*} Claims totaling \$16,051.54 were approved by roll call vote: ayes – Mulla, Carstens, Jaeger, and Stelmach; nays – none; absent – Champlin.

IV. Open Forum.

A. Susan Nelson, Environmental Scientist/Botanist at Wenck Associates, presented “**Planting for Pollinators with a Water Quality Benefit.**” Nelson provided an overview of the plantings done at the entrance to Wenck’s Maple Plain office and answered questions regarding planting with seeds and with forbs, eradication of invasives, and providing a diversity of plants for pollinator habitat. Included in the meeting packet was a listing of web sites for more information.*

B. Matthiesen was queried regarding the recently passed **50-foot buffer law**. The law will require landowners, primarily farmers, to install protective strips of grasses or trees along every foot of the state’s major streams and rivers, and give the Dept. of Natural Resources (DNR) enforcement powers. It requires buffers with an average width of 50 feet and a minimum of 30 feet along waterways. It doesn’t apply to the state’s smallest streams, which research suggests need buffers the most. Local governments will eventually be responsible for establishing the buffers once the state’s waters have been mapped. Then they can decide between mandatory and voluntary strategies to promote compliance. While the law passed both houses, its funding comes from a bill that failed to pass in the Senate.

The regular meeting was suspended at 1:21 p.m.

V. Minor Plan Amendment.*

A. The Shingle Creek and West Mississippi Commissions propose to amend their joint Third Generation Watershed Management Plan to adopt a revision to the plan amendment process to conform to the 2015 revisions to Minnesota Rules 8410. For the Commissions, one of the more important revisions is a change in the types of plan amendments that must be completed by major vs. minor plan amendment. The Commissions initiated the amendment process at their September 10, 2015 meetings. Notice of a Public Meeting to take comments on the proposed amendment was sent to the member cities, county, and reviewing agencies, and published as required by statute and the Plan. A copy of the DNR notice was also included in the October meeting packet.

The Commissioners discussed the proposed minor plan amendment and comments received prior to the meeting. (The Minnesota Department of Agriculture and the Minnesota Pollution Control Agency responded with “no comments.”)

The public meeting was convened at 1:23 p.m.

No one appeared at the meeting to provide comments.

The public meeting was closed at 1:23 p.m.

B. Motion by Polzin, second by Stelmach to approve **Resolution 2015-06*** Adopting a Minor Plan Amendment ... Revising the Plan Amendment Process. *Motion carried unanimously.*

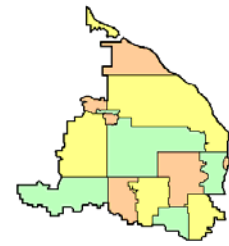
Motion by Jaeger, second by Mulla to approve **Resolution 2015-05*** Adopting a Minor Plan Amendment ... Revising the Plan Amendment Process. *Motion carried unanimously.*

The regular meeting resumed at 1:24 p.m.

VI. Project Reviews.

A. **SC2015-09 HCPS Sheriff’s ESD Headquarters Modifications Phase II, Brooklyn Park.*** Reconstruction of an existing facility located southwest of the intersection of US Highway 169 and 85th Avenue North, south of 83rd Avenue North. This redevelopment project will add 28 additional parking stalls on the west

*items are included in meeting packet



side of the building and increase the turn entrance radius on the northeast entrance. The total disturbance area is less than one acre. Following redevelopment, the site will add 5,269 SF of impervious surface. A complete project review application was received on October 26, 2015.

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. Infiltration of the first 1.3" runoff from the site within 48 hours also meets Commission requirements for water quality.

Runoff from the site is proposed to be routed to a raingarden west of the facility and a roadside ditch at the northeast entrance. The applicant meets the Commission's 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 is directed to a raingarden and returning to a roadside ditch. The applicant meets the Commission's rate control requirements.

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 is 0.12 acres, requiring that 0.01 acre-feet be infiltrated within 48 hours. The applicant proposes to route runoff from the west parking expansion to a raingarden that has the capacity to infiltrate the required volume within 48 hours, meeting Commission requirements. The applicant will conduct a post-construction infiltration test on the infiltration basin to verify the infiltration rates used in the design. If not met, corrections will be made to meet the design infiltration rates.

The NWI does not identify any wetlands on site. There are no public waters on this site. There is no floodplain on this site according to FEMA. There is no known contaminated soil/groundwater according to the project engineer.

An erosion control plan was submitted with the application, and includes text describing the removal of sediment from the construction site through the use of street sweeping. The erosion control plan meets Commission requirements.

An Operating and Maintenance Plan for the raingarden was not submitted.

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

Motion by Jaeger, second by Stelmach to advise the City of Brooklyn Park that approval of project SC2015-09 is granted with the following conditions:

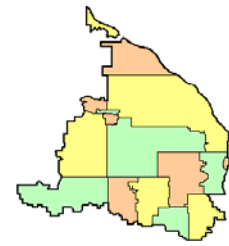
1. Provide an O&M Agreement meeting the City of Brooklyn Park's requirements.
2. Revise Grading Plan to include a native seed mixture meeting the Commission's native vegetation requirement. This item was not specified in the grading plan.
3. Conduct a post-construction infiltration test on the infiltration basin to verify the infiltration rates used in the design. If not met, make corrections as necessary to meet the design infiltration rates.

Motion carried unanimously.

B. SC2015-10 The Village at Arbor Lakes, Maple Grove.* Construction of a multi-unit residential development on a site located north of I-94 and Elm Creek Boulevard, on the east side of Hemlock Lane North. The proposed project is 8.14 acres. Following development, the site will be 57% impervious, an increase of 4.64 acres. A complete project review application sans the review fee was received on November 4, 2015.

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

*items are included in meeting packet



2.5" storm event, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. Infiltration of the first 1.3" runoff from the site within 48 hours also meets Commission requirements for water quality.

Runoff from the site is proposed to be routed to regional stormwater basins within the infiltration credit area in Maple Grove. The proposed development falls within the 2010 Gravel Mining Area at Arbor Lakes, where biofiltration basins were constructed adjacent to regional stormwater ponds. Development within the infiltration credit area must meet or be below the composite curve number (CN) set by the City of Maple Grove. The applicant meets the Commission's 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 is directed to regional stormwater basins and falls within the infiltration credit area. The applicant meets the Commission's rate control requirements.

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 is 4.64 acres, requiring that 0.5 acre-feet be infiltrated within 48 hours. The applicant proposes to route stormwater to regional biofiltration basins west of the proposed development that have the capacity to infiltrate the required volume within 48 hours, meeting Commission requirements.

The NWI does not identify any wetlands on site. There are no Public Waters on this site. There is no floodplain on this site according to FEMA. There is no known contaminated soil/groundwater according to the project engineer.

An erosion control plan was submitted with the project review, and includes rock construction entrance, perimeter silt fence, inlet protection devices, and slope checks. The erosion control plan meets Commission requirements.

An Operating and Maintenance Plan is not needed for the site.

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 Jaeger, second by Moore to advise the City of Maple Grove that approval of project SC2015-10 is granted contingent upon receipt of the project review fee in the amount of \$2,200. *Motion carried unanimously.*

VII. Water Quality.

Matthiesen provided an update on the following projects:

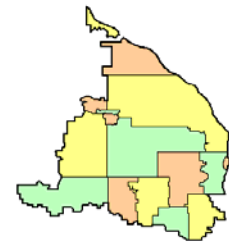
- A. Connections at Shingle Creek.** In-stream work will begin in a couple of weeks.
- B. Shingle Creek Reaeration Project.** Solar panel issues have been resolved. The invitation list is being finalized.

VIII. Watershed Management Plan.

Annual Review. The Third Generation Watershed Management Plan states that the Commissions will annually review progress toward their Third Generation goals, and that this evaluation will become part of the Annual Report. This was not done in 2014, the first year following adoption of the plan. At the October meeting Staff provided a simple format with some draft evaluation language for Commissioners to review.

The draft review charted the Plan's stated goals for water quantity, water quality, groundwater, wetlands, drainage systems, and operations and programming; the Commissions' action in 2015; completion to date; and progress toward the goals. Links to the Commissions' and other websites will be included. The Commissioners will review and accept the report at the December meeting.

*items are included in meeting packet



IX. Education.

- A. The next **West Metro Water Alliance (WMWA)** meetings is scheduled for December 8, 2015.
- B. The fall edition of **Water Links*** was included in the meeting packet.
- C. **The Metro Summit for Lake and River Groups*** is scheduled for 5:30 p.m., Tuesday, December 1, 2015, at the Eisenhower Community Center in Hopkins.

X. Grant Opportunities and Updates.

XI. Communications.

- A. **Communications Log.*** No action required.
- B. Copy of a **letter from Hennepin County Commissioner Mike Opat*** to Minneapolis Mayor Betsy Hodges and Council President Barbara Johnson requesting their City's assistance in implementing best management practices and landscaping strategies to control, reduce and treat Minneapolis stormwater that flows into Crystal Lake in Robbinsdale.
- C. Cable 12 News Story: **Twin Lake Carp Project** -<http://www.twelve.tv/news/newsitem.aspx?newsid=1244&newsitemid=29020>.

XII. Other Business.

A. Motion by Polzin, second by Stelmach to relocate the **January Shingle Creek Commission meeting** to 12:45 p.m., Thursday, January 14, 2016 at Crystal City Hall. *Motion carried unanimously.*

Motion by Stelmach, second by Mulla to relocate the **January West Mississippi Commission meeting** to 12:45 p.m., Thursday, January 14, 2016 at Crystal City Hall. *Motion carried unanimously.*

B. Adjournment.

There being no further business before the Shingle Creek Commission, motion by Jaeger, second by Stelmach to adjourn. *Motion carried unanimously.*

There being no further business before the West Mississippi Commission, motion by Jaeger, second by Stelmach to adjourn. *Motion carried unanimously.*

The meeting was adjourned at 2:01 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary
JAA:tim

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*items are included in meeting packet