

elm creek

Watershed Management Commission

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TAC and Regular Meeting Minutes October 14, 2015

I. A meeting of the **Technical Advisory Committee (TAC)** for the Elm Creek Watershed Management Commission was convened at 10:31 a.m., Wednesday, October 14, 2015 in the Mayor's Conference Room, Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN by Commission Vice Chairman Elizabeth Weir.

In attendance were Todd Tuominen, Champlin; Susan Nelson, Wenck Associates, Corcoran; Rick Lestina and Mark Lahtinen, Maple Grove; Shane Nelson and Kaci Fisher, Hakanson-Anderson, Medina; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Ali Durgunoğlu and James Kujawa, Hennepin County Dept. of Environment and Energy (HCEE); Rich Brasch, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson and Amy Juntunen, JASS.

Also present: Elizabeth Weir, Medina; and Fred Moore, Plymouth.

A. Rules as they pertain to projects with extended deadlines/that have been inactive.

1. Third Generation Plan, Section 4.4.1 **Rules and Standards** and Project Reviews.* There are approximately five projects that have not been formally approved or denied from 2013-2014 applications. These projects were reviewed under the Second Generation Plan rules and standards. Staff proposes setting a deadline for final action on these projects to reduce confusion in conforming to the Third Generation Plan rules. The TAC will recommend to the Commission that the outstanding project applicants from 2013-2014 be notified that extensions will end and projects will be automatically denied at the January 13, 2016 meeting if they are not completed and approved before that date. These projects would then require reapplication under the Third Generation Plan rules.

B. Third Generation Plan, Appendix C. Rules and Standards* were included in the meeting packet for reference.

C. Volume control standards.

1. Brasch September 21, 2015 memo.* This is a summary table for estimated TP and TSS loading, as well as annual runoff volume based on existing conditions. Volumes for the table were calculated using the SES method. The second table was developed by engineers in the metro area and allows users to equate curve numbers with volume pre- and post-development. These tools should allow Staff to get the estimated net increase/decrease in loading from developments on an annual basis for TMDL reporting. Soils in many areas are not conducive to infiltration but a goal of a 30% reduction in runoff volume is planned. The MIDS calculator doesn't give credit for reductions in runoff volume. It was suggested to contact WSB regarding a report they completed for Maple Grove regarding achieving non-degradation through ponding and percolation.

The TAC recommends to the Commission to use this approach to a global accounting of volume based on average annual rainfalls and parameters available. The global annual volume change for all developments will be reported annually.

2. Also included in the meeting packet for member review were

a. Runoff curve numbers for selected land uses.*

b. Hydrologic Parameters for Twin Cities Area.*

c. Average annual runoff volume calculations worksheet for Brockton PUD.*

1) Interpretation of excess buffers for volume credit.

*in meeting packet

2) Clarification of disconnected impervious surfaces.

3) How to quantify pervious pavements.

4) Volume credit for filtration or bio-filter BMPs. Staff was requested to re-write the rule regarding buffers to clarify verbiage between the minimum 50-foot average and the minimum of 25 feet, possibly to note in minimum total square footage. Developers do not receive credit for filtration/infiltration for the required buffer area in order to incentivize them to increase the buffer area over the requirement. Moore noted that the language for the buffer requirement seemed to be different in two separate areas of the Plan and Staff should change to make consistent.

D. Project Review Schedule – descriptions and fees for linear projects.*

1. Project Review Fee Schedule.* This item will be discussed at the next TAC meeting.

E. Methodology for applying the Rules when calculating phosphorus reductions. This item will also be discussed at the next TAC meeting.

The TAC meeting was adjourned at 11:35 a.m.

II. A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:42 a.m., Wednesday, October 14, 2015, in the Mayor’s Conference Room, Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN by Vice Chairman Elizabeth Weir.

Present were: Bill Walraven, Champlin; Tim McNeil, Dayton; Joe Trainor, Maple Grove; Elizabeth Weir, Medina; Fred Moore and Jesse Larson, Plymouth; Kevin Jullie, Rogers; Ali Durgunoğlu and James Kujawa, Hennepin County Department of Environment and Energy (HCEE); Rich Brasch, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson and Amy Juntunen, JASS.

Also present: Todd Tuominen, Champlin; Mark Lahtinen, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Bill Kidder, Rice Lake Area Association; and Brian Kallio, Carlson McCain, and Steve Bona, Capstone Homes, for Project 2013-040.

A. Motion by Walraven, second by McNeil to approve the **agenda** as revised.* *Motion carried unanimously.*

B. Motion by Walraven, second by McNeil to approve the **minutes*** of the September 9, 2015 regular meeting. *Motion carried unanimously.*

C. Motion by Moore, second by Walraven to approve the **October Treasurer’s Report and Claims*** totaling \$17,601.12. *Motion carried unanimously.*

D. Motion by Walraven, second by Jullie to **reschedule the November meeting** from November 11 to November 4 due to the Veteran’s Day holiday. *Motion carried unanimously.*

E. Open Forum.

F. Action Items.

1. 2014-029 Creative Lawn and Landscapes, Rogers. The applicant has requested an extension to the project review deadline. Motion by Moore, second by McNeil to approve the extension not to extend past January 13, 2016, and to notice the applicants for **projects 2013-038, 2013-040, and 2013-046** that project approval is required by the January 13, 2016 meeting or the projects will be automatically denied and reapplication for review under the new rules will be required. *Motion carried unanimously.*

2. Project Review 2015-017 The Pines at Blesi Farms, Dayton.* Landmark of Dayton, LLC is working with Sathre-Bergquist, Inc. to design a residential development on approximately 46 acres directly across South Diamond Lake Road from Dayton City Hall. The project will include construction of 115 new single family homes. Stormwater controls will be completed by minor modifications to an existing stormwater pond, and construction of two new stormwater ponds, one of which will be used as a source of irrigation for a water re-use plan. In addition, there will be a pre-treatment pond that will treat

*in meeting packet

water before discharge into a degraded wetland that is currently being farmed with row crops. The plans call for this wetland to be modified to function as a wetland again. The project will add approximately 12.8 new acres of impervious area. The current land use is primarily row crops with a small amount of low density residential area. The development area drains to the south to a wetland complex that drains to Elm Creek. The wetland area is a backwater area in Elm Creek's 100-year floodplain. The project was reviewed for water quantity and quality, erosion control, and wetland and floodplain impacts.

Staff recommends approval contingent on additional review of wetland buffer plans, pond #1 usage from the adjacent development, and receipt of a copy of the recorded Maintenance and Operation Plan must be submitted for review and approval. Motion by Trainor, second by McNeil to approve the project with the contingencies listed. *Motion carried unanimously.*

3. 2016 Cooperative Agreement with HCEE.* Staff reviewed the Agreement and found it to be within budget and the project scope of work. Motion by Moore, second by Jullie to approve the 2016 Cooperative Agreement with HCEE. *Motion carried unanimously.*

4. Pictometry Agreement with Hennepin County.* Hennepin County will make its pictometry information available to the Commission but requires an agreement naming the contact person with access. Motion by Walraven, second by McNeil to approve the Pictometry Agreement with Hennepin County. *Motion carried unanimously.* Anderson will be the contact person.

G. Watershed Management Plan.

1. Board of Water and Soil Resources (BWSR) Approval.* A copy of a letter from BWSR noting their September 23, 2015 approval of the Third Generation Plan was included in the meeting packet.

2. Motion by Moore, second by Walraven to adopt Resolution 2015-04 Adopting the Third Generation Management Plan.* *Motion carried unanimously.*

3. Motion by McNeil, second by Walraven to send letters to member cities transmitting the adopted plan.* *Motion carried unanimously.*

H. Elm Creek Watershedwide TMDL. The draft WRAPS Report is available at <http://elmcreekwatershed.org/pages/TMDLs/>. The MPCA internal review of the WRAPS report will not be completed in the near future. MPCA recommends sending the TMDL report to the US EPA for review and approval.

I. New Business. Motion by Walraven, second by McNeil to consider measuring volume control on an annual average rainfall basis across all new developments instead of on a case-by-case basis. *Motion carried unanimously.*

J. Communications.

1. Women Caring for the Land – October 22.* This is an event at City of Corcoran involving women farm owners, specifically for women who own land and rent it to farmers.

2. MAWD Annual Meeting – December 3-5.

K. Education. The **West Metro Water Alliance (WMWA)** met on October 13, 2015. Members discussed their experiences at the State Fair Eco Experience Blue Thumb display and launch of the Special Project in 2016, the *WaterLinks* newsletter, and the website design. The next WMWA meeting is Tuesday, November 10, 2015 at Plymouth City Hall. Commissioners were encouraged to attend.

L. Grant Opportunities. Included in the meeting packet was a copy of the **Hennepin County Good Steward Grants.*** and a copy of the **Champlin Mill Pond letter of support***

M. Other Business. Staff will contact the member cities regarding **2016 CIP projects** ready for implementation.

N. The following **projects** are discussed in the October Staff Report.* ("W" denotes wetland project.)

1. 2012-021W Kreps Wetland Violation, Corcoran.
2. 2013-038 River Hills, Dayton.

*in meeting packet

3. 2013-040 Rush Creek Landing, Dayton.
4. 2013-041 Jomico, Corcoran.
5. 2013-046 Woods of Medina, Medina.
6. 2014-015 Rogers Drive Extension, Rogers.
7. 2014-016 Villas at Medina Country Club, Medina.
8. 2014-027 The Reserve at Elm Creek, Champlin.
9. 2014-029 Creative Lawn and Landscapes, Rogers.
10. 2014-033 Kinghorn Industrial Park Spec Building, Rogers.
11. 2014-038 Sawgrass, Corcoran.
12. 2014-040W Sawgrass Wetland Replacement Plan, Corcoran.
13. 2014-042 Launch Park Addition (Outlot B), Rogers.
14. 2015-001 Highway 47/Troy Lane School, Plymouth.
15. 2015-004 Kinghorn Outlet A, Rogers.
16. 2015-006 Veit Building and Parking Lot Addition, Rogers.
17. 2015-007 Parkway Preserve, Rogers.
18. 2015-009 ALDI, Medina.
19. 2015-011 French Lake Industrial Center, Dayton.
20. 2015-013 Wayzata High School, Plymouth.
21. 2015-016 Brockton PUD, Plymouth.
22. 2015-017 The Pines at Blesi Farms, Dayton.
23. 2015-020 Strehler Estates, Corcoran.
24. 2015-021 The Pines at Elm Creek, Plymouth.
25. 2015-022W Cartway Trail Wetland Delineation, Champlin.
26. 2015-023W Fehn Meadows, Corcoran.
27. 2015-024 City of Champlin Trail Connection.
28. 2015-025 OP3 Outdoor Storage, Rogers.
29. 2015-026W Schawlbe Wetland Determination, Corcoran.
30. 2015-027 Park Place Storage Condominiums, Corcoran
31. 2015-028 Sundance Woods Phase II, Dayton.

O. Adjournment. There being no further business, motion by Walraven, second by McNeil to adjourn. *Motion carried unanimously.* The meeting was adjourned at 12:34 p.m.

Respectfully submitted,



Amy A. Juntunen
Recording Secretary
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*in meeting packet