

# elm creek

## Watershed Management Commission

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### Regular Meeting Minutes July 13, 2016

I. A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:30 a.m., Wednesday, July 13, 2016, in the Mayor's Conference Room, Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN by Chairman Doug Baines.

Present were: Bill Walraven, Champlin; Jon Bottema, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Liz Weir, Medina; Jesse Larson, Plymouth; Kevin Jullie, Rogers; James Kujawa and Said Matan, Hennepin County Dept. of Environment and Energy (HCEE); Rich Brasch, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson, JASS.

Also present: Todd Tuominen, Champlin; Brad Martens, Corcoran; Susan Nelson, Corcoran, Wenck Associates; Rick Lestina and Mark Lahtinen, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Jeff Strom, Wenck Associates; Steve Christopher, Board of Water and Soil Resources (BWSR); and Dave Nash and Adam Park, Alliant Engineering, for Project 2016-018.

A. Motion by Walraven, second by Larson to approve the **revised agenda**.\* *Motion carried unanimously.*

B. Motion by Walraven, second by Larson to approve the **minutes**\* of the June 8, 2016 meeting. *Motion carried unanimously.*

[Bottema arrived 11:35 a.m.]

C. Motion by Walraven, second by Larson to approve the **July Treasurer's Report and Claims**\* totaling \$9,394.00. *Motion carried unanimously.*

II. **Open Forum.** No one wished to speak regarding items not on the agenda.

[Weir arrived 11:39 a.m.]

III. **Action Items.**

A. The **Clean Water Fund** (CWF) grant solicitation currently underway includes several programs. The largest, **Projects and Practices**, funds the implementation of BMPs. Included in the meeting packet was a draft of a 2017 Projects and Practices Grant application for an **Internal Phosphorus Loading Control Project for Fish Lake**.\* Fish Lake was included in the WRAPS and TMDL studies completed by the Commission in 2015. These studies identified internal loading as comprising about 70% of the total phosphorus load affecting surface water quality and included a recommendation to treat the lake with alum to achieve the state water quality standards. The goal is to reduce internal loading to the lake by at least 225 lbs/year. This is a cooperative project of the Commission (applicant), Three Rivers Park District (project lead), the City of Maple Grove and the Fish Lake Area Residents Association (FLARA). A \$300,000 project, the Commission's share would be \$75,000.

Commissioners are asked to provide review and comment to Brasch by July 21, 2016. Submittal of the application is required by August 8.

Motion by Walraven, second by Weir to approve submittal of this application pending review and comment as requested. *Motion carried unanimously.*

\*in meeting packet

**B.** Another program of the CWF is called **Accelerated Implementation**.<sup>\*</sup> One of the most common types of actions awarded grants through this program is subwatershed assessments using some of the BWSR and MPCA preferred BMP identification models such as PTMApp. These grants require a 25% local match. Again, applications are due August 8, 2016.

In the Commission's Third Generation Watershed Management Plan TMDL/WRAPS implementation is listed as a high priority goal. Completing subwatershed assessments in priority areas to identify load and volume reduction BMPs was one of the identified actions in the Plan. In their July 12, 2016 memo,<sup>\*</sup> Diane Spector and Jeff Strom, Wenck Associates, discuss how an Accelerated Implementation grant would facilitate preparation of a subwatershed assessment for some of the high-loading areas identified in the Elm Creek TMDL. Assessments such as the **Rush Creek Headwaters Subwatershed Assessment** would help to identify specific BMPs, such as edge of field practices, stream buffer enhancements, in-channel work, and other BMPs such as wetlands at a high priority for potential modification or restoration. Once the BMPs are identified, the Commission can determine the most feasible locations, estimated costs, and estimated load reductions. The Commission and the member cities would then have specific, usable information to implement practices to achieve TMDL load reductions or to help protect other resources, and those practices would be more attractive to grant-funding agencies because they have been identified using a prioritization tool.

Wenck recommends that four HUC12-level subwatersheds be considered for a grant application. Modeling completed for the WRAPS/TMDL show them to be among those with the highest potential TP loading rates. They are also headwaters subwatersheds. Most of the area to be evaluated is in Corcoran; a small part is in Rogers. Strom provided a brief presentation describing the target subwatersheds, the assessment tools that would be used, preliminary costs, and the grant application process. It was noted that the soon-to-be hired Hennepin County Rural Conservationist would be an integral part of the outreach process. Estimated cost of the project is \$60,000, with the local cost share being \$15,000.

Motion by Walraven, second by Weir to approve submittal of this application pending acceptance by the City of Corcoran with a Corcoran cost-share of \$1,000.

Motion by Bottema, second by Trainor to amend the motion to reduce the cost share amount to \$500. *Motion carried unanimously.*

Motion by Weir, second by Trainor to submit the application by the due date. *Motion carried unanimously.*

**C. Project Reviews.\***

**1. 2016-003W Park Place Storage Wetland Replacement Plan, Corcoran.\*** This is a wetland replacement plan submitted with project 2016-004 Park Place Storage. Updated wetland boundaries were approved on December 15, 2015. Construction of the proposed storage facility will require a total of 45,793 SF (1.05 acres) of fill in four separate wetland areas. Wetland impacts are proposed to be replaced via wetland bank credits from the Mergen Bank (#1183) in Stearns County. A Technical Evaluation Panel (TEP) was held on March 3. The TEP expressed concern that the sequencing analysis was not accomplished per WCA rules. The notice of application for this replacement plan was sent February 11, 2016. The applicant extended the 15.99 deadline to August 10, 2016. New wetland permit revisions were received on May 25, 2016 that addressed the TEP's concerns about sequencing of wetland impacts and decreased impacts from 1.1 acres to 0.24 acres. The TEP reviewed these revisions and found them to be acceptable. Staff will complete their WCA and site plan review when the updated site plans with the revisions are provided. The TEP findings are included in the meeting packet. Motion by Weir, second by Bottema to approve the revised wetland replacement plan and authorize Staff to proceed with the plan review. *Motion carried unanimously.*

**2. 2016-018 Cambridge Park, Maple Grove.\*** This project involves three large residential lots (16.4 total acres) located in the northwest corner of the intersection of County Road 30 and Lawndale Lane. The predominant land cover is woods and wetland. The site is proposed to be developed into 94 row townhomes. Staff's initial review determined the project was not in compliance with the Commission's requirements for stormwater management, erosion and sediment controls and buffer strips. The applicant requested this item be placed on the agenda for discussion. They are seeking clarification with the Commission and the City on how to move forward with the abstraction/filtration requirements.

<sup>\*</sup>in meeting packet

A revised stormwater management plan was received July 12, 2016. In their findings dated July 13, 2016, Staff recommends approval of this project contingent upon a) approval and recordation of preservation easements and b) pond maintenance provided by the City or through an approved operations and maintenance agreement recorded on the property title. Motion by Weir, second by Walraven to approve Staff's recommendation with the further provision that easements be placed around all ponds. *Motion carried unanimously.*

**3. 2016-024 Dunkirk Gateway, Plymouth.\*** This is a proposal to redevelop a 15.67-acre site from a low-density residential area with four homes on four large lots to a medium-density residential area with 31 single-family homes. A complete application was received on May 17, 2016. The project was reviewed for stormwater management, grading and erosion controls. Requested modifications to the modeling were received on June 16, 2016. In their findings dated July 12, 2016, Staff recommends approval. Motion by Weir, second by Walraven to approve this project. *Motion carried unanimously.*

**4. 2016-028 Ploceus Meadows, Maple Grove.\*** The applicant is proposing to develop 12 single-family residential lots located at 6300 County Road 101. The existing site is 5.29 acres, comprised of woodland and an existing home site. The proposed development consists of the construction of homes, associated parking, driveways, and a stormwater management facility (bio-filtration basin) to provide stormwater treatment and rate control. This project will create 1.43 acres of new impervious surface. The project was reviewed for compliance with the Commission's requirements for stormwater management, erosion and sediment controls, buffer strips and floodplain. Motion by Weir, second by Trainor to approve Staff findings dated June 30, 2016, that recommend that if the bio-filtration media bench and NURP pond are to be maintained by the property owner an operation and maintenance plan must be submitted to the City and the Commission for review and approval and recorded with the property within 90 days. *Motion carried unanimously.* [Lestina noted that these will be maintained by the City.]

**5. 2016-029 Camelot Nine at Begin, Plymouth.\*** This site is 70 acres in size, located west of I-494 and south of CSAH 47. The south 15 acres are located in the Shingle Creek Watershed administrative boundary. The remaining 55 acres are in Elm Creek. The hydrologic boundary also roughly matches the administrative boundary. The Shingle Creek WMC requested review of the complete site be done by the Elm Creek Commission. The current land use is a golf course with its associated facilities. The proposed land use will be for 53 single family and 24 multi-family homes. The project was reviewed for stormwater treatment, rate control, buffer strip requirements and erosion and sediment control. In their findings dated July 12, 2016, Staff recommends approval. Motion by Trainor, second by Weir to approve this project. *Motion carried unanimously.*

#### **IV. Watershed Management Plan.**

**The Technical Advisory Committee** will convene at 10:00 to receive review feasibility reports on the Capital Improvement Projects (CIPs) proposed to be undertaken in 2017. The Commission will conduct a public hearing at its September 14, 2016 meeting to take final comment on those projects and to certify its share of the project costs to Hennepin County.

Chairman Baines will represent the Commission at the Hennepin County Commission's Board Action Request for the watershed's plan amendment and setting of the maximum levy on July 19, 2016, to answer any questions the County Commissioners may have regarding the proposed projects.

#### **V. Elm Creek Watershed-wide TMDL.**

The draft TMDL and WRAPS Reports are open for public comment through August 4, 2016. [MPCA Public Notices webpage.](#)

#### **VI. New Business.**

[Larson departed 1:20 p.m.]

#### **VII. Communications.**

Included in the meeting packet were copies of the following:

**A.** Email\* from chairman Andy Polzin, Shingle Creek Watershed Management Commission, informing the Commissioners of the Annual Cross-Country race at Wayzata High School on August 20. Participants will be running

\*in meeting packet

through the woods and past the **Elm Creek Stream Improvement Project** which is nearing completion. He noted that this would be a great public education and outreach opportunity to provide information to address the perception that the woods are being destroyed for no reason. Included with his email was a copy of an editorial\* printed in the *Trojan Tribune* on January 22, 2016, entitled, "Eulogy for Our Woods," emphasizing this perception.

**B.** Invitation\* from the **US Army Corps of Engineers** to learn more about various Corps programs available to local communities and watershed organizations aboard the Motor Vessel Mississippi, the largest diesel towboat in the United States, August 5, 2016. Registration is required at <https://mvmississippipaul.eventbrite.com> by July 29.

**VIII. Education.**

**A.** Notice of the **Clean Water Summit**,\* September 22, 2016, at the Minnesota Landscape Arboretum. Register at <http://www.arboretum.umn.edu/2016cleanwatersummit.aspx>.

**B.** **WMWA Pledge to Plant Rack Cards**\* are available to the cities for distribution.

**C.** The next **WMWA meeting** is scheduled for August 9, 2016.

**IX. Grant Opportunities.**

See items II. A. and B., above.

**X. Other Business.**

**A.** **Commissioner appointments** have been received from Corcoran and are forthcoming from Champlin at month's end.

**B.** The following **projects** are discussed in the July Staff Report.\* ("W" denotes wetland project.)

1. 2013-041 Jomico, Corcoran.\*
2. 2013-046 Woods of Medina, Medina.
3. 2014-015 Rogers Drive Extension, Rogers.
4. 2015-004 Kinghorn Outlet A, Rogers.
5. 2015-006 Veit Building and Parking Lot Addition, Rogers.
6. 2015-013 Wayzata High School, Plymouth.
7. 2015-020 Strehler Estates, Corcoran.
8. 2015-025 OP3 Outdoor Storage, Rogers.
9. 2015-030 Kiddiegarten Child Care Center, Maple Grove.
10. 2015-032 Rogers High School Auditorium Addition, Rogers.
11. 2015-038 Wealshire of Medina, Medina.
12. 2016-001 CSAH 115/CR 116 Reconstruction, Medina.
13. 2016-002 The Markets at Rush Creek, Maple Grove.
14. 2016-003W Park Place Storage Wetland Replacement Plan, Corcoran.\*
15. 2016-004 Park Place Storage Site Plans, Corcoran.
16. 2016-005W Ravinia Wetland Bank, Corcoran.
17. 2016-007W Beacon Academy, Corcoran.\*
18. 2016-014 Balsam Apartments, Dayton.
19. 2016-017 The Preserve at Meadow Ridge, Plymouth.
20. 2016-018 Cambridge Park, Maple Grove.\*
21. 2016-019 Just for Kix, Medina.
22. 2016-020 Ryan Meadows, Rogers.
23. 2016-021 Diamond View Estates, Dayton.
24. 2016-022 AutoZone, Maple Grove.
25. 2016-023 Tri-Care, Maple Grove.
26. 2016-024 Dunkirk Gateway, Plymouth.
27. 2016-025 Killarney Glenn 2nd Addition, Maple Grove.

\*in meeting packet

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- 28. 2016-026 Faithbrook Church, Dayton.
- 29. 2016-027 Rogers Drive/Brockton Lane Intersection Improvements, Rogers.
- 30. 2016-028 Ploceus Meadows, Maple Grove.
- 31. 2016-029 Camelot Nine at Begin, Plymouth.
- 32. 2016-030 Elm Creek Meadows, Plymouth.

**C. Adjournment.** There being no further business, motion by Weir, second by Walraven to adjourn. *Motion carried unanimously.* The meeting was adjourned at 1:35 p.m.

Respectfully submitted,



Judie A. Anderson  
Administrator

JAA:tim

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\*in meeting packet