

# elm creek

## Watershed Management Commission

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### Regular and TAC Meeting Minutes April 13, 2016

I. A meeting of the **Technical Advisory Committee (TAC)** for the Elm Creek Watershed Management Commission was called to order at 9:36 a.m., Wednesday, April 13, 2016, in the Mayor's Conference Room, Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN by Doug Baines.

Present were: Todd Touminen, Champlin; Doug Baines, Dayton; Liz Weir and Kaci Fisher, Medina; Mark Lahtinen and Rick Lestina, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Jeff Weiss, Barr Engineering; Ali Durgunoglu and James Kujawa, Hennepin County Dept. of Environment and Energy (HCEE); Rich Brasch, Three Rivers Park District (TRPD); and Judie Anderson and Amy Juntunen, JASS.

Also present: Steve Christopher, Board of Water and Soil Resources (BWSR);

A. Motion by Kujawa, second by Scharenbroich to **approve the TAC agenda.**\* Motion carried.

B. **Consider proposed 2016 Capital Projects.**

1. **Fish Lake Alum Treatment, Phase I, Maple Grove.**\* Sediment cores were collected from Fish Lake and the alum dosage has been determined. Analysis using the sediment cores data indicates that 70% of the lake's phosphorus load comes from internal loading. The project will be contingent on grant funding from BWSR. The alum treatment will likely treat sediment 15-20 feet and deeper. Motion by Kujawa, second by Scharenbroich to recommend Commission approval of the project at a cost of \$75,000 in 2017. *Motion carried unanimously.* BWSR grants will be open July-August and awarded in December 2016.

2. **Rush Creek Main Stem Restoration, Maple Grove.**\* This project involves the stabilization of the erosion-prone sites in a 2900 linear foot portion of Rush Creek within The Enclave on Rush Creek project. The initial erosion was likely due to increased flows from the developing watershed. Erosion has caused encroachment into the adjacent woods and trees and other debris to fall into the creek. The debris in the creek has resulted in diversion of flows causing accelerated erosion in most outside bend locations. Motion by Kujawa, second by Scharenbroich to recommend Commission approval the project at a \$75,000 cost share. *Motion carried unanimously.*

3. **Elm Creek Dam at the Mill Pond.**\* This project is a portion of a \$7+ million project to replace the Elm Creek dam and bridge, public access construction, and flood mitigation at the Mill Pond in Champlin. The project will construct a new spillway capable of conveying the 100-year peak discharge. A new exterior weir will also be constructed. A 105 foot interior weir will contain low flows in a rock-lined channel. The project addresses several safety issues with the existing dam and allow for the drawdown of Mill Pond for maintenance of the impoundment and management of aquatic invasive species. Motion by Lestina, second by Scharenbroich to recommend Commission approval of the project at a cost share of \$187,500. *Motion carried unanimously.*

4. **Mississippi Point Park Riverbank Repair, Champlin.**\* Champlin is requesting up to \$75,000 for this project. The project is located in a city-owned park on the Mississippi River and is eligible for up to \$180,000 in state funding. Staff determined that this section of the Mississippi River Bank is in the Elm Creek Watershed. Motion by Kujawa, second by Scharenbroich to recommend conditional Commission approval of the project at a cost not to exceed \$75,000 or 25% of the remaining cost after state funding. *Motion carried unanimously.*

5. **Fox Creek Restoration, Rogers.**\* This is the second phase of the Fox Creek stream bank stabilization. This section includes a residential and industrial section of Rogers. The stream experiences extensive bank failures, undercutting, and brush in the stream due to runoff from a housing development built in the early 1990s. This project

\*in meeting packet

is on private property, but residents are unlikely to disturb the restoration area. The City Engineer, WSB, has completed the application. Buffer between the residential lots and the stream, as well as signage, should be included in the plans. Project cost at 25% is \$80,312. The project will require a DNR permit. Motion by Touminen, second by Kujawa to recommend conditional Commission approval based on the results of the feasibility study. *Motion carried unanimously.*

**C. Met Council Stormwater Grants.** Christopher noted that the deadline for these grants is May 11 and encouraged that all projects in the approved CIP should apply for this grant. Grants must be submitted by the watershed.

**D. Adjourn.** The TAC meeting was adjourned at 10:48 a.m.

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**II.** A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:31 a.m., Wednesday, April 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: Gerry Butcher, Champlin; Jon Bottema, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Elizabeth Weir, Medina; Fred Moore, Plymouth; 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.

Not represented: Rogers.

Also present: Todd Tuominen, Champlin; Mark Lahtinen, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; and George Schneider, Rice Lake Association.

**A.** Motion by Weir, second by Moore to approve the **agenda**.\* *Motion carried unanimously.*

**B.** Motion by Weir, second by Moore to approve the **minutes**\* of the March 9, 2016 meeting. *Motion carried unanimously.*

**C.** Motion by Moore, second by Weir to approve the **April Treasurer’s Report and Claims**\* totaling \$15,317.21. *Motion carried unanimously.*

**III. Open Forum.** No one was present to speak to matters not on the agenda.

**IV. Action Items.**

**A. Select CAMP Lakes.** Cowley and Jubert lakes, along with either Laura or Dubai, will be monitored dependent on volunteer availability.

[Butcher arrived 11:32 a.m.]

**B. Project Reviews.\***

**1. 2015-039, The Enclave at Dunlavin Woods, Maple Grove.\*** This is an 18-acre parcel located in the southeast intersection of CSAH 101 and 101st Avenue. The applicant is proposing to subdivide this parcel into 29 single-family residential lots. Water reuse from the pond to irrigate areas is planned to meet the abstraction requirement. Two ponds provide treatment for rate and nutrient control. Staff recommends approval of the site plan with the condition that the City confirms the emergency overflow of the eastern wetland to allow one foot freeboard to the homes on the east side of the development. Motion by Weir, second by Butcher to approve Staff findings dated March 18 with the condition stated. *Motion carried unanimously.*

**2. 2016-001, CSAH 115/County Road 116, Medina.\*** This project is located on County State Aid Highway (CSAH) 115 and County Road 116. The project will include reconstruction of the roadway, including widening of the road from the existing two-lane roadway, constructing dedicated turn lanes, drainage improvements, and the construction of a paved pedestrian and bicycle trail. The purpose of the project is to increase capacity of the intersection and improve mobility and safety for all transportation system users. Construction is anticipated in the spring of 2017. Based on soil types and water table elevations, infiltration is not feasible within the project area. Abstraction credits of 0.84 acre feet are proposed for use of an iron-enhanced filtration system. Staff recommends approval contingent upon 1) modifications to the final design to reduce the two-year peak runoff to below existing conditions; 2) the wetland

\*in meeting packet

mitigation plan being finalized and approved prior to wetland impacts; and 3) receipt of recorded and approved operations and maintenance plans for all stormwater management features, including the enlarged pond, iron-enhanced biofiltration system, and SAFL baffles. Motion by Weir, second by Moore to approve Staff findings dated April 7 contingent upon the four conditions listed. *Motion carried unanimously.*

**3. 2016-008, Northwest Greenway Trail Phase II, Plymouth.\*** The City Of Plymouth is proposing to construct a 1.3 mile long, 12-foot wide paved trail lane on 3.4 acres running from Vicksburg Lane westward to Plymouth Dog Park near the County Road 47 and Elm Creek. The proposed project will place 254 cubic yards of fill and 258 cubic yards of cut within the designated floodplains. Site plans meet with the Commission's standards. Staff recommends approval of the project. Motion by Weir, second by Moore to approve Staff findings dated April 7 as presented. *Motion carried unanimously.*

**4. 2016-014, Balsam Apartments, Dayton.\*** This is an existing 2.5 acre commercial lot within the Dayton River Commercial Park Addition (Lot 3, Block 1), located near the SE corner of Balsam Lane and Dayton River Road (CSAH 12). This area was reviewed as Northeast Dayton Utility & Street Improvements (ECWMC #2006-075). The project will consist of a multi-story apartment complex, an underground parking garage, a parking lot, two rain gardens and all the related utilities. Staff recommends approval contingent on 1) A sequencing plan for the infiltration basin being added to the erosion control plans; 2) Drainage and utility easements provided over the rain gardens; and 3) A recorded operations and maintenance plan agreement with the City of Dayton, unless the City agrees to maintain the rain gardens. Motion by Weir, second by Trainor to approve Staff findings dated April 6 with the three conditions listed. *Motion carried unanimously.*

**5. 2016-16, Wayzata High School Varsity Baseball Field Improvement, Plymouth.\*** In their findings dated April 6, 2016, Staff approved this project administratively with two conditions. Staff recommends adding a rain garden for additional treatment, but the City of Plymouth does not encourage rain gardens on public property. The City is working with the school to use an iron-enhanced bio-char filtration system instead.

**C. 2015 Annual Activity Report.\*\*** The report is due to BWSR on April 30. Commissioners should submit any comments to Staff by April 22. Motion by Moore, second by Weir to accept the 2015 Annual Activity Report. *Motion carried unanimously.*

**D. 2015 Audit Report.\*** Staff has reviewed the audit report with the auditor and recommends approval. Motion by Weir, second by Butcher to accept the 2015 Audit Report. *Motion carried unanimously.*

**E. 2016 USGS Agreement.\*** The Commission's share of the agreement is \$19,960 is within budget. Motion by Moore, second by Weir to approve the 2016 USGS Agreement. *Motion carried unanimously.*

**V. Action Items – Watershed Management Plan.**

**A. Revised table 4.5.\*** Items in yellow represent changes Staff was directed to make at the March 9, 2016 meeting prior to submitting the BBR to BWSR. The changes shift projects to match the \$500,000 annual cap. No action necessary.

**B. March 2 memo update.\*** The updated memo outlines the CIP process. The additional paragraph describes adjustments made for the BBR. No action necessary.

**C. Consider recommendations of TAC re 2016 Capital Projects.** The TAC recommends approval to move forward with the following five projects, with the understanding that items may change in September after the completion of feasibility reports.

- 1) Fish Lake Alum Treatment Phase I, Maple Grove.\*
- 2) Rush Creek Main Stem Restoration, Maple Grove.\*
- 3) Elm Creek Dam at the Mill Pond, Champlin.\*
- 4) Mississippi River Shoreline Repair and Stabilization, Champlin.\*
- 5) Fox Creek at Creekview Restoration Project, Rogers.

Motion by Weir, second by Butcher to approve moving the five projects forward in the CIP process. *Motion carried unanimously.*

**VI. Elm Creek Watershed-wide TMDL.** Responses to comments received on the draft TMDL report were sent to

\*in meeting packet

Corcoran, Medina, and Plymouth.\* The comments were submitted during the informal review process. Staff will inform the Commission when the formal 30-day period is established by MPCA. Corcoran expressed concern regarding ability to meet regulation due to their budget constraints and inability to regulate ag practices. The Commission understands that the best opportunities to reduce pollution is as development occurs.

[Butcher departed 12:32 p.m., Trainor departed 12:38 p.m.]

**VII. New Business.** None.

**VIII. Communications.**

**A.** Biennial Budget Requests (BBRs) submittal. The BBR will be submitted prior to the deadline of April 15 and provided in the May meeting packet.

**B.** Evolution to Cleaner Water and Greener Water Companies, April 13.\*

**C.** 2015 Buffer Legislation.\*

**IX. Education.**

**A. WMWA Update.\*\*** WMWA met April 12, 2016 and discussed the relationship with Blue Thumb/Metro Blooms, and the deliverables for the Pledge to Plant campaign. Staff is in process of screening two potential new educators for the Watershed PREP program.

**B. MWCA Workshop – Protecting Farmland and Improving Water Quality – April 19, 2016.**

**VII. Other Business.**

**A. Grant Opportunities.** Metropolitan Council has opened a Stormwater Grant Program. The deadline for grant applications is May 11. This type of grant must be submitted by the watershed organization. Cities can complete the grant applications and Staff will sign and submit on behalf of the watershed.

**B. Other Business.**

**1. Commissioner appointments** have are needed from Champlin, Corcoran, and Dayton.

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

- a.** 2012-021W Kreps Wetland Violation, Corcoran.
- b.** 2013-041 Jomico, Corcoran.
- c.** 2013-046 Woods of Medina, Medina.
- d.** 2014-015 Rogers Drive Extension, Rogers.
- e.** 2014-033 Kinghorn Industrial Park Spec Building, Rogers
- f.** 2014-042 Launch Park Addition (Outlot B), Rogers.
- g.** 2015-001 Highway 47/Troy Lane School, Plymouth.
- h.** 2015-004 Kinghorn Outlet A, Rogers.
- i.** 2015-006 Veit Building and Parking Lot Addition, Rogers.
- j.** 2015-007 Parkway Preserve, Rogers.
- k.** 2015-013 Wayzata High School, Plymouth.
- l.** 2015-016 Brockton PUD, Plymouth.
- m.** 2015-020 Strehler Estates, Corcoran.
- n.** 2015-025 OP3 Outdoor Storage, Rogers.
- o.** 2015-028 Sundance Woods Phase II, Dayton.
- p.** 2015-029 Enclave at Rush Creek, Maple Grove.
- q.** 2015-030 Kiddiegarten Child Care Center, Maple Grove.
- r.** 2015-032 Rogers High School Auditorium Addition, Rogers.
- s.** 2015-033W Corcoran Community Solar Garden – Oakdale Lane.
- t.** 2015-038 Wealshire of Medina, Medina.
- u.** 2015-039 The Enclave at Dunlavin Woods, Maple Grove.\*
- v.** 2016-001 CSAH 115/CR 116 Reconstruction, Medina.\*

\*in meeting packet

- w. 2016-002 The Markets at Rush Creek, Maple Grove.
- x. 2016-003W Park Place Storage Wetland Replacement Plan, Corcoran.
- y. 2016-004 Park Place Storage Site Plans, Corcoran.
- z. 2016-005W Ravinia Wetland Bank, Corcoran.
- aa. 2016-006 Mississippi River Shoreline Stabilization , Champlin.
- ab. 2016-007 Beacon Academy, Corcoran.
- ac. 2016-008 NW Greenway Trail Phase II, Plymouth.\*
- ad. 2016-009 Chris Butek Pond Excavation, Corcoran.
- ae. 2016-010 Park Nicollet at the Grove, Maple Grove.
- af. 2016-011W Downtown Corcoran Utility Improvements, Corcoran.
- ag. 2016-012W Corcoran Community Solar Garden, Corcoran.
- ah. 2016-013 Arrowhead Drive Trail, Medina.
- ai. 2016-014 Balsam Apartments, Dayton.\*
- aj. 2016-015 Lawndale Trail, Maple Grove.
- ak. 2016-016 Wayzata High School Varsity Baseball Field Improvement, Plymouth.\*

**3. Adjournment.** There being no further business, motion by Weir, second by Bottema to adjourn. *Motion carried unanimously.* The meeting was adjourned at 12:49 p.m.

Respectfully submitted,



Amy Juntunen

Recording Secretary

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\*in meeting packet