

elm creek Watershed Management Commission

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Regular Meeting MINUTES October 10, 2018

I. A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:32 a.m., Wednesday, October 10, 2018, 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; Tom Anderson, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Elizabeth Weir, Medina; Fred Moore, Plymouth; James Kujawa and Jason Swenson, Hennepin County Dept. of Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson, JASS.

Not represented: Rogers.

Also present: Todd Tuominen, Champlin; Kevin Mattson and Jon Bottema, Corcoran; Derek Asche, Mark Lahtinen, and Scott Mahar, Maple Grove; Catherine Cesnik and Ben Scharenbroich, Plymouth; Andrew Simmons and Kate Johnson, Rogers; and Justin Klabo, AEZS, for project review 2018-030 Pineview Meadows.

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

B. Motion by Moore, second by Trainor to approve the **minutes*** of the September 12, 2018, regular meeting and public hearing. *Motion carried unanimously.*

C. Motion by Walraven, second by Moore to approve the October **Treasurer's Report** and **Claims*** totaling \$111,567.42. *Motion carried unanimously.*

II. Open Forum.

A. Mattson reported the **resignation of Sharon Meister** as representative to the Commission from Corcoran. Tom Anderson is her alternate and will continue to attend meetings until Meister's replacement has been appointed. Meister will continue as a WMWA educator.

B. Simmons introduced **Kate Johnson**. Johnson is a MPCA GreenCorps member being hosted by the City of Rogers. She will be working on chloride-reduction and green infrastructure projects for the City.

[Weir arrived 11:38 a.m.]

III. Action Items.

A. **Project Review 2018-032 Encore Development, Corcoran**.* This project is generally located west of Brockton Lane (Highway 101) and south of Steig Road, with a portion located north of Steig Road. It includes a combination of residential and commercial development on 226 acres, including 398 residential lots and 13 acres of commercial area. Plans were received on July 13, 2018. A wetland replacement plan for filling and mitigating 0.4263 acres of impacts was also submitted with the application.

A Technical Evaluation Panel held on August 23 found the replacement and mitigation proposed from the wetland replacement plan application to be consistent with the MN WCA chapter 8420 rules with the exception of using wetland 7 as a source of irrigation for the project. The applicant is requesting a no-loss certificate from the LGU for excavating an irrigation pond in Wetland 7. The TEP felt that using Wetland 7 for irrigation can, in effect, be considered drainage impacts to this wetland if not managed properly.

The TEP felt that updated hydrology modeling and management information providing a NWL on Wetland 7 at 928.25 would maintain the wetland’s normal water elevations and duration of saturation similar to the pre-existing conditions. In their findings dated October 3, 2018, Staff recommended approval pending (1) approval of the Encore Phase I site plan, (2) receipt of an escrow of \$45,000 provided by the applicant for the LGU to use in case the wetland replacement banking and no-loss are not met per the approved conditions, and (3) maintenance of Wetland 7 normal water elevation at 928.25 or higher during the irrigation season. Motion by Weir, second by Walraven to approve Staff recommendations regarding the wetland issues related to this project. *Motion carried unanimously.*

In their findings dated October 9, 2018 Staff recommended approval of the project application pending (1) approval of the TEP recommendations (granted above), (2) submission of subsequent phases of the project for administrative review of erosion control plans and consistency with the overall stormwater management plan, and (3) approval of an Operations and Maintenance Plan to be recorded with the plat. Motion by Moore, second by Walraven to approve these recommendations with a further recommendation to the City that the water level of Wetland 7 be measured for a year of irrigation. *Motion carried unanimously.*

B. Project Review 2018-040 Rush Creek Commons, Phase II, Plymouth.* Plymouth is proposing to reconstruct approximately 1,600 feet of Brockton Lane, converting Brockton Lane from a rural roadway to an urban section with curb and gutter and storm sewer. The project will also construct a trail for approximately 1,300 feet on the south side of Bass Lake Road and will add curb and gutter for approximately 500 feet along a currently rural segment of Bass Lake Road. The project will disturb 3.8 acres. The proposed project is a linear project that will create less than one acre of new impervious surface but is considered to be an extension of the adjacent Rush Creek Commons development and is, therefore, required to be reviewed by the Commission. Staff administratively granted grading permit approval to begin grading prior to the Commission taking formal action on the project at the applicant’s risk. Motion by Weir, second by Walraven to approve this project with no conditions per Staff’s findings dated October 4, 2018. *Motion carried unanimously.*

C. Project Review 2018-043 Beehive Homes, Maple Grove.* This is a 2.9 acre lot on Weaver Lake Road at W. Fish Lake Road (across from Medtronics). It is proposed to be developed into two single story senior housing buildings. Site plans were reviewed for conformance to the Commission rules D and E. In their October 2, 2018 findings, Staff recommends approval contingent on an approved stormwater system operation and maintenance plan being recorded on the property title or the City of Maple Grove accepting O&M plan responsibility. Motion by Weir, second by Walraven to approve Staff’s recommendations. *Motion carried unanimously.*

D. Project Review 2018-044 Open Systems Internal (OSI), Phase II, Medina.* OSI is proposing a new office building to be located on the company’s existing commercial/industrial property at the intersection of MN Highway 55 and Arrowhead Road. The project involves the construction of a new building and associated parking and landscaped areas as well as utilities to serve the building and site. It was reviewed

RULE D - STORMWATER MANAGEMENT	RULE G - WETLAND ALTERATION
RULE E - EROSION AND SEDIMENT CONTROL	RULE H – BRIDGE AND CULVERT CROSSINGS
RULE F – FLOODPLAIN ALTERATION	RULE I – BUFFERS

for compliance to Commission rules D, E, F, and I. In their findings dated October 9, 2018, Staff recommends approval contingent upon approval by the Commission of an O&M agreement to be recorded on the property title. Motion by Weir, second by Walraven to approve Staff's recommendations. *Motion carried unanimously.*

E. Project Review 2018-046 Graco Koch Center Expansion, Rogers.* This project is the expansion of an existing building. The site is located in an area that has regional ponding provided for rate control purposes, but does need to account for water quality and abstraction requirements on site prior to discharging offsite as part of the improvements. In their findings dated October 10, 2018, Staff recommended approval of this project subject to three conditions: (1) submittal of a SWPPP meeting MPCA and Commission standards; (2) clarification of maintenance responsibilities for the iron-enhanced sand filter, including recordation of documents if necessary; and (3) provision by the City of Rogers of the additional 3.55 lbs. of TP removal per year in a subsequent project, within a two-year time-line, with a letter from the City indicating acceptance of this responsibility. Motion by Weir, second by Trainor to approve Staff's recommendations. *Motion carried unanimously.*

F. Fish Lake Alum Treatment.* Three Rivers Park District is seeking approval from the Commission to pursue the formal bidding process (Request for Bids) for the second alum treatment on Fish Lake. Fish Lake has been meeting the MPCA water quality standards since the first alum treatment was completed in September 2017. Sediment samples collected in 2018 suggests that a second alum treatment at a similar dosage of 40 g Al/m² will be necessary in order to further increase alum effectiveness as well as continue to meet the state's water quality standards for delisting from the Impaired Water's list. The second alum treatment is proposed for the spring of 2019.

The initial estimated cost for two alum treatments was \$300,000. The 2017 treatment cost \$176,379. Since the cost of alum has been increasing, it is critical to get bid estimates early to determine whether additional funds are needed to complete the project. According to HAB Aquatics, last year's contractor, based on current prices, the cost estimate for the second half (95,000 gal.) of the alum dose at Fish Lake for next spring is \$195,000. [Subsequent to the meeting, Vlach learned from HAB that the increase in price is related to increases in the prices of raw materials required to make alum and the price of freight. Aluminum and sulfuric acid are needed to manufacture alum. The US gets most of its aluminum from Russia and sulfuric acid from China. So, changes in the global economy and international trade agreements, including tariffs, are influencing pricing. In addition, there is an apparent national shortage of truck drivers, which also has influenced freight delivery costs.]

The project funding sources are a BWSR Clean Water Fund grant (\$200,000), the City of Maple Grove and FLARA (\$17,000), Three Rivers Park District (\$8,000), and the Commission (\$75,000). An application for a Hennepin County Opportunity Grant could be warranted to assist with the increased cost.

Motion by Trainor, second by Walraven to approve TRPD's request to go out for bids, to seek partner sharing, and to make application for the Opportunity Grant. The Commission's cost-share would not exceed 25%. *Motion carried unanimously.*

G. Fish Lake Subwatershed Assessment, Maple Grove.* At last month's meeting, the City of Maple Grove requested funding assistance from the Commission to complete a **subwatershed assessment for Fish Lake**. The SWA will consist of hydrologic and water quality models to verify existing watershed conditions for the lake. The Commission directed Staff to contact the City's consultant, WSB & Associates, to determine final budget numbers for this project. Their response indicated \$35,000 to be the final budget number, with the City funding \$20,000 and the Commission funding \$15,000. (The Commission's Cost Share Policy calls for a 20% match by the city requesting the SWA.) Motion by Walraven, second by Moore to approve this request.

It was suggested that, at their next meeting, the members of the Technical Advisory Committee determine from the member cities what SWAs they would like to undertake in the coming few years.

IV. Old Business.

V. New Business.

VI. Watershed Management Plan.

A. Dayton. Included in the meeting packet was a copy of the City of Dayton's September 26, 2018 responses* to the Metropolitan Council and the Commission's comments on their Local Water Management Plan. Following their review* of the final draft plan, Staff recommends approval of Dayton's Local Surface Water Management Plan as updated. Motion by Weir, second by Trainor to approve Dayton's local plan. *Motion carried unanimously.*

B. Medina. Also included in the meeting packet was Staff's letter* to the City of Medina stating that the Commission's approval date of their Surface Water Management Plan was December 8, 2017.

C. The **deadline for Commission review and approval** of local plans is December 31, 2018.

VII. Water Quality.

VIII. Grant Opportunities and Updates.

A. FEMA Floodplain Mapping. Staff continues its collection and preparation of background data in GIS to use in the preparation of the hydrology and hydraulics modeling. Staff is also working on ensuring the models selected for use are working. Actual work products should start to become available soon.

B. Included in the meeting packet is a guide to the **Hennepin County Natural Resources Grants.*** Good Steward grants are awarded in the fall; the maximum available is \$25,000 per project and a 25% match is required. Opportunity Grants are available at any time on a first-come, first-served basis. No match is required, and funding is available up to \$100,000 per project.

C. Clean Water Fund Grants.

1. North Fork Rush Creek SWA Implementation: Staff applied for a Clean Water Fund grant from BWSR to implement the recently completed SWA. \$142,110.00 was requested from the state, with a required match of \$35,527.50. The Rural Conservationist will take the lead on recruiting and implementing projects if the grant is successful.

2. Diamond Creek SWA: Hennepin County added this as their recommendation for a SWA to the Metro Conservation District SWA grant and it was submitted. Staff expect to hear back on all BWSR grant proposals in early December 2018.

3. The City of Corcoran has requested that grant funding be sought for a **South Fork Rush Creek Subwatershed Assessment.** Last month it was decided not to include this project on the SWA request that Hennepin County sent in for the Metro Conservation District grant because no implementation has been done to date on the North Fork SWA.

D. BWSR Watershed-Based Funding.

1. Staff submitted the Elm Creek Work Plan to BWSR on October 3, 2018. The awarded amount is \$134,486, with a total match of \$450,000, and will be used for the Elm Creek Stream Restoration Phase IV project.

2. Scharenbroich will attend the **Hennepin County Chloride Steering Committee meeting** on October 11. The Committee will discuss tasks to be included in an RFP for services to facilitate focus groups of stakeholders to better understand training, information, and other needs and barriers.

IX. Education - West Metro Water Alliance (WMWA).

A. Subscribe to *WaterLinks* at westmetrowateralliance.org/contact.html. The October issue features autumn and winter-related content.

B. Education and Outreach Events. Educators are currently scheduling and making fall classroom visits. They currently have 39 sessions scheduled. A session may be one class or several classes at a school. Educators are also available to table at city and school events, contact Amy Juntunen at amy@jass.biz. Upcoming outreach events include a turf Alternative workshop in Golden Valley on October 16 (sold out) and Weaver Lake Science Night on November 8.

C. The group is updating and refreshing the popular *Ten Things You Can Do* brochure first developed in 2009. The cities in the four watersheds use this brochure extensively and it is part of the fourth-grade curriculum of Watershed PREP. 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 back panel is being revised with the tag line Your Street, Your Shoreline, stressing that raindrops carry pollutants and trash to the nearest waterbody and emphasizing the importance of individual actions.

D. The **next WMWA meeting** is scheduled for 8:30 a.m., Tuesday, November 13, 2018, at Plymouth City Hall.

X. Communications.

A. Livestock Management Policy* approved at the August meeting.

B. Watershed Metrics Data Request* contains a listing of Commission activities in response to a request from Hennepin County.

XI. Other Business.

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

1. 2013-046 Woods of Medina, Medina.
2. 2014-015 Rogers Drive Extension, Rogers.
3. 2015-004 Kinghorn Outlet A, Rogers.
4. 2015-030 Kiddiegarten Child Care Center, Maple Grove.
5. 2016-002 The Markets at Rush Creek, Maple Grove.
6. 2016-005W Ravinia Wetland Bank, Corcoran.
7. 2016-040 Kinghorn 4th Addition, Rogers.
8. 2016-047 Hy-Vee Maple Grove #1, Maple Grove.
9. 2016-052 The Woods at Rush Creek, Maple Grove.
10. 2017-014 Laurel Creek, Rogers.
11. 2017-016 Territorial Woods, Maple Grove.
12. 2017-017 Mary Queen of Peace Catholic Church, Rogers
13. 2017-019 Medina Senior Living Community, Medina.
14. 2017-021 Hindu Society of MN Staff Housing, Maple Grove.
15. 2017-029 Brayburn Trails, Dayton.
16. 2017-034 Plymouth Memory Care, Plymouth.
17. 2017-037 L-80 Lift Station MCES, Corcoran.

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18. 2017-038 Bass Lake Estates, Corcoran.
19. 2017-039 Rush Creek Apartments, Maple Grove.
20. 2017-050W Ernie Mayer Wetland/floodplain violation, Corcoran.
21. 2018-001 Rush Creek Commons, Maple Grove.
22. 2018-004 Rush Creek Restoration Project, Maple Grove.
23. 2018-005 Sundance Greens, Dayton.
24. 2018-007 Copper Creek of Nottingham, Maple Grove.
25. 2018-014 Refuge at Rush Creek (Fehn Meadows Second Addition), Corcoran.
26. 2018-018 Summers Edge Phase III, Plymouth.
27. 2018-020 North 101 Storage, Rogers.
28. 2018-021 113th Lane Extension & Brockton Lane/CSAH 101 Intersection, Rogers.
29. 2018-025W Watten Wetland Delineation/Replacement Plan, Corcoran.
30. 2018-026 Windrose, Maple Grove.
31. 2018-027 CR 202 Elm Creek Bridge Replacement, Dayton.
32. 2018-028 Tricare Third Addition, Maple Grove.
33. 2018-032 Encore Development, Corcoran.
34. 2018-033 Cloquet Island Estates, Dayton.
35. 2018-034W NE Trunk Sanitary Sewer, Corcoran.
36. 2018-035 Edgewater East, Maple Grove.
37. 2018-037 Elm Creek Restoration Reach D, Plymouth.
38. 2018-038 Vincent Woods, Rogers.
39. 2018-039 Greenway North, Plymouth.
40. 2018-040 Rush Creek Commons Phase II, Maple Grove.
41. 2018-041W Homestead Trail Wetland Delineation, Corcoran.
42. 2018-042 Olstrom Hills, Maple Grove.
43. 2018-043 Bee Hive Homes, Maple Grove.
44. 2018-044 OSI Phase II, Medina.
45. 2018-045 Weinard Ditch Cleaning, Corcoran.
46. 2018-046 Graco Expansion, Rogers.

B. Adjournment. There being no further business, the meeting was adjourned at 1:24 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary
JAA:tim

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