

elm creek Watershed Management Commission

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May 9, 2018 Regular and Public Meeting Minutes

I. A **regular meeting** of the Elm Creek Watershed Management Commission was called to order at 11:34 a.m., Wednesday, May 9, 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; Sharon Meister, Corcoran; Doug Baines, Dayton; Elizabeth Weir, Medina; Fred Moore, Plymouth; Kevin Jullie, Rogers; James Kujawa, 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: Maple Grove.

Also present: Todd Tuominen, Champlin; Kevin Mattson, Corcoran; Karen Jaeger and Mark Lahtinen, Maple Grove; and Catherine Cesnik and Ben Scharenbroich, Plymouth.

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

B. Motion by Walraven, second by Weir to approve the **minutes*** of the April 11, 2018, regular meeting. *Motion carried unanimously.*

C. Motion by Walraven, second by Moore to approve the May **Treasurer's Report and Claims*** totaling \$29,505.76. *Motion carried unanimously.*

[The regular meeting was suspended at 11:35 a.m. in order to convene a public meeting.]

II. **Public Meeting - Minor Plan Amendment**. * The proposed Third Generation Plan amendment is for the purpose of updating the Capital Improvement Program (CIP)* to add eight projects and shift funding on two projects to future years. The Technical Advisory Committee (TAC) reviewed the changes and supports the minor plan amendment. This amendment does not approve projects for funding, simply the revisions to the CIP as presented.

A. **Open public meeting**. The public meeting was opened at 11:37 a.m.

1. **One written comment*** was received from the **Minnesota Dept. of Natural Resources (DNR)**. Area Hydrologist Kate Drewry reviewed the revisions to the plan and noted that a number of the projects on the updated CIP involve work within Public Waters. *While we support these projects in concept, we encourage early (pre-permit application) coordination with DNR to obtain input during the preliminary design stage.*

2. No comments were received from any of the other reviewing agencies. No comments were received from the member cities.

3. **Comments from public**. No one was present from the general public.

4. The **public meeting was closed** at 11:38 a.m.

B. **Commission Discussion**.

Motion by Weir, second by Walraven to adopt **Resolution 2018-01 Adopting a Minor Plan Amendment**. * *Motion carried unanimously.*

[The regular meeting was reconvened at 11:39 a.m.]

III. **Open Forum**.

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IV. Action Items.

A. Project Review 2018-008 Hayden Hills Golf Course, Dayton.* This 85 acre golf course is proposed to be developed into 238 single-family residential lots. The original submittal was received March 1 and all materials to complete the application were received on March 23. The proposed project meets the Commission's standards for water quality, runoff rates, and erosion control; however the proposed stormwater ponds will have a direct connection to the groundwater. Staff met with the developer, the engineer, and the City to discuss the project on April 25 and to identify design modifications and/or pre-treatment to the ponds to comply with the Commission's standards. In findings dated May 9, 2018, Staff recommended approval of the project with the following conditions:

1. Developer must provide additional information about the modeling, including additional information about curve numbers used for the modeling and additional explanation about the existing conditions modeling and how the 2-, 10-, and 100-year peak flows are essentially identical.

2. Developer must indicate on Plans where pretreatment sump manhole and baffles are to be constructed and provide typical detail for sump manholes.

3. Developer must provide resolution of potential wetland impacts within the project area and certification that proper mitigation will be provided.

Motion by Moore, second by Weir to approve Staff recommendations with the further conditions that a determination be made regarding the requirement of an operations and maintenance agreement and that the City of Dayton carefully review the expressed drainage concerns. *Motion carried unanimously.*

B. Project Review 2018-011 Rush Creek Run, Corcoran.* This is an existing 65-acre agricultural parcel with a farmstead located on Rolling Hills Road just south of CR 50. The landowner is proposing to subdivide the property into six large residential lots. The site is adjacent to Rolling Hills Road so no grading or street construction is proposed. Based on the Commission's standards, this site must be reviewed for conformance to rules D, F, G, and I. Staff recommends Commission approval of this project per their findings and recommendations dated April 18, 2018, i.e., prior to construction of the access road an approved wetland replacement plan, exemption, or no-loss determination must be obtained from the LGU in charge of administering the Wetland Conservation Act (WCA).

Motion by Moore, second by Weir to approve Staff recommendations with the further conditions that this project follow the guidelines of the Minnesota Extension Service, that the City review each structure according to the City's NPDES requirements, and that City also review the site for conformance with its livestock ordinance. *Motion carried unanimously.*

C. The Meadows Playfield, Plymouth.* (Future project review 2018-012.) The City of Plymouth is reviewing options for a new playfield in the southwest corner of the intersection of Peony Lane and CR 47. Possible options for the site include a multi-use baseball stadium with the capacity to be converted into softball fields, football fields, soccer fields, and more. Also being considered for the site and adjacent to the multi-use fields is a new park and ride to serve the residents of a growing area of Plymouth.

While the City is currently in the concept phase of project development, they are considering the use of innovative best management practices such as porous asphalt, porous pavers, sand filters and more. It is possible this site could be an educational or demonstration site opportunity. In his memo dated April 20, 2018, Derek Asche, Plymouth's Water Resources Manager, is inquiring as to whether Commission has any interest in partnering on improvements to the site either through grant funding or capital improvements and if the Commission has any ideas on innovative best management practices. Included with the memo was a concept plan for the project.

The members discussed various options for BMPs that would improve/enhance the site. Motion by Moore, second by Weir to actively support this project. *Motion carried unanimously.*

RULE D - STORMWATER MANAGEMENT
RULE E - EROSION AND SEDIMENT CONTROL
RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION
RULE H - BRIDGE AND CULVERT CROSSINGS
RULE I - BUFFERS

CHAMPLIN - CORCORAN - DAYTON - MAPLE GROVE - MEDINA - PLYMOUTH - ROGERS

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D. Moore presented a **draft 2019 Operating Budget**.^{*} Some things to note:

- 1.** A substantial increase in stream monitoring expenses will occur in 2019 under the USGS and Three Rivers Park District cooperative agreements.
- 2.** There will be off-setting revenue and expense for the Floodplain Modeling project in both 2018 and 2019.
- 3.** A 2.4% increase in member assessments^{*} is proposed.
- 4.** Under the proposed budget, \$43,015 would be retained as unrestricted/unassigned funds.

The Commissioners must adopt their 2019 operating budget at the June 13, 2018 meeting.

E. Floodplain Modeling and Mapping.^{*}Included in the meeting packet is the grant contract between the Dept. of Natural Resources and the Commission for updating and improving floodplain data in the watershed. The contract is in the amount of \$92,773.00 and does not require a local match.

Motion by Weir, second by Walraven to approve the grant contract as described above. *Motion carried unanimously.*

Motion by Weir, second by Walraven to adopt **Resolution 2018-02** Authorizing Acceptance of a Grant from the DNR for Improved Flood Risk Mapping. *Motion carried unanimously.*

V. New Business.

Baines described the latest in the Freshwater Society's Moos Family Speaker Series. On May 9, Jennifer Francis, Ph.D, research professor with the Rutgers Department of Marine and Coastal Sciences, discussed the relationship between extreme weather events and the rapidly warming Arctic. Anderson will request the Freshwater Society to add the Commissioners to their invitation list.

VI. Water Quality.

A. A draft of the **manure management ordinance/policy**^{*} will be transmitted to the member cities for review and comment prior to the next meeting.

B. Vlach will give a presentation of the 2017 **stream monitoring results** at an upcoming meeting.

VII. Grant Opportunities and Updates.

A. Internal Phosphorus Loading Control in Fish Lake project. At last month's meeting Vlach advised the Commissioners of a study being undertaken to determine the binding capacity of alum. A copy of that report, "Effectiveness of a Late-Summer Aluminum Sulfate Application in Binding Hypolimnetic Phosphorus in Fish Lake, MN: Phase 1 Interim Report," was included in the meeting packet.

B. Rush Creek Headwaters Subwatershed Assessment project.^{*} Wenck's May 7 update states that the final report has been circulated for comments. A meeting of the Core Team will be scheduled for late May when the members will review the draft report and identified BMPs. Meetings with the Commission's TAC and the stakeholder focus group will follow.

C. Diane Spector, Wenck Associates, recommended that the Commission consider **submitting another SWA** to the Clean Water Accelerated Implementation Program as it appears from BWSR that this may be the last year it is offered.

D. Included in the meeting packet is an announcement of the **319 Small Watersheds Focus Program**.^{*} The Minnesota Pollution Control Agency (MPCA) is looking for interested watershed organizations to partner with in developing a long-term roadmap to support comprehensive implementation on a small-scale watershed. Selected "Focus Watersheds" will be prioritized to receive four 4-year grant awards to implement a series of projects outlined in the Focus grant workplan, provide a steady source of funding, focus implementation efforts, and achieve measurable water quality improvements on a specific waterbody. Kujawa noted that it appears they are looking for BMPs rather than studies.

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VIII. Education.

A. West Metro Water Alliance (WMWA) Update.* Many topics were discussed at the May meeting, including the Educators as a part of school summer programs, WMWA/native plant sales at Farmers' Markets, WMWA presence at Plymouth Kids Fest on August 2, scheduling of another Chloride Level 1 training, possibility of presence at National Night Out, development of handouts with the websites for different activities listed, and postings on Next Door.

B. Members discussed ways to bolster website visits and newsletter sign-ups.

C. The next **WMWA meeting** is scheduled for 8:30 a.m., Tuesday, June 12, 2018, at Plymouth City Hall.

IX. Communications.

X. Other Business.

A. The following **projects** are discussed in the May 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. 2016-004 Park Place Storage Site Plans, Corcoran.
7. 2016-005W Ravinia Wetland Bank, Corcoran.
8. 2016-026 Faithbrook Church, Dayton.
9. 2016-040 Kinghorn 4th Addition, Rogers.
10. 2016-047 Hy-Vee Maple Grove #1, Maple Grove.
11. 2016-052 The Woods at Rush Creek, Maple Grove.
12. 2017-014 Laurel Creek, Rogers.
13. 2017-016 Territorial Woods, Maple Grove.
14. 2017-017 Mary Queen of Peace Catholic Church, Rogers
15. 2017-019 Medina Senior Living Community, Medina.
16. 2017-021 Hindu Society of MN Staff Housing, Maple Grove.
17. 2017-029 Brayburn Trails, Dayton.
18. 2017-030 Brindle Path, Medina.
19. 2017-031 Bass Lake Crossing, Corcoran.
20. 2017-034 Plymouth Memory Care, Plymouth.
21. 2017-035 Weston Woods of Medina PUD.
22. 2017-036 Enclave at Elm Creek, Plymouth.
23. 2017-037 L-80 Lift Station MCES, Corcoran.
24. 2017-038 Bass Lake Estates, Corcoran.
25. 2017-039 Rush Creek Apartments, Maple Grove.
26. 2017-044 Reserve at Medina 2nd Addition, Medina.
27. 2017-045 Fish Lake Estates, Maple Grove.
28. 2017-046W Wessell Wetland Delineation, Corcoran.
29. 2017-048W Ebert Parcel Wetland Delineation, Corcoran.
30. 2017-049W Rolling Hills Wetland Delineation, Corcoran.
31. 2017-050W Ernie Mayer Wetland/floodplain violation, Corcoran.
32. 2017-051 Mallard South 2nd Addition, Rogers.
33. 2017-053 Sunrise Solar Garden, Corcoran.
34. 2018-001 Rush Creek Commons, Maple Grove.
35. 2018-002 Highway 169 Pedestrian Bridge/Trail, Champlin.
36. 2018-004 Rush Creek Restoration Project, Maple Grove.
37. 2018-005 Sundance Greens, Dayton.
38. 2018-007 Copper of Nottingham, Maple Grove.

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- 39. 2018-008 Hayden Hills Golf Course Subdivision, Dayton.*
- 40. 2018-009 NW Greenway Trail Phase IV, Plymouth.
- 41. 2018-010 Greenway West, Plymouth.
- 42. 2018-011 Rush Creek Run, Corcoran.*

B. Adjournment. There being no further business, motion by Weir, second by Moore to adjourn. *Motion carried unanimously.* The meeting was adjourned at 1:23 p.m.

Respectfully submitted,



Judie A. Anderson, Recording Secretary

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