

elm creek Watershed Management Commission

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Technical Advisory Committee *(beginning on page 1)* and Regular Meeting *(beginning on page 3)* Minutes - April 10, 2019

I. A meeting of the **Technical Advisory Committee (TAC)** for the Elm Creek Watershed Management Commission was convened at 10:00 a.m., Wednesday, April 10, 2019 in the Mayor's Conference Room, Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN.

In attendance were: Todd Tuominen, Champlin; Kevin Mattson, Corcoran; Kent Torve, Wenck Associates, Corcoran; Mark Lahtinen, Maple Grove; Shane Nelson, Hakanson-Anderson, Medina; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; James Kujawa, Jason Swenson, and Kirsten Barta, Hennepin County Dept. of Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson, JASS.

Also present: Ken Guenther, Corcoran; Doug Baines, Dayton; Liz Weir, Medina; Catherine Cesnik, Plymouth; and Bruce LaMott, Diamond Lake Association and Patrick Selter, PLM Lake & Land, for item IV.

II. Motion by Simmons, second by Scharenbroich to **approve the agenda.** * *Motion carried unanimously.*

Motion by Scharenbroich, second by Simmons to **approve the minutes*** of the February 13, 2019 TAC meeting. *Motion carried unanimously.*

III. 2019 Capital Improvement Projects.

A. The following projects appear on the Capital Improvement Program spreadsheet for 2019.

Line 12	no projects identified	\$50,000
Line 15	no projects identified	\$125,000
Line 16	Rush Creek Main Stem Restoration, Maple Grove*	\$25,000
Line 23	Ranchview Wetland Restoration, Maple Grove*	\$250,000
Line 30	Mill Pond Rain Gardens, Champlin*	\$100,000
Line 34	SPECIFIC PROJECT IDENTIFIED Rush Ck SWA Cost-Share/Ag BMPs*	\$20,000
Line 37	COST ADJUSTED Hickory Dr Stormwater Improvement, Medina*	\$76,823
Line 39	Downtown Regional Stormwater Pond, Corcoran*	\$10,000
Line 42	Elm Creek Stream Restoration Phase IV, Champlin*	\$150,000
Line 43	Lowell Pond Raingarden, Champlin*	\$100,000
Line 47	Mill Pond Easement, Champlin	<u>removed</u>
		\$731,823

B. The Commission's Cost Share Policy states the following:

The Commission has elected to fund capital projects through an ad valorem tax levy. Under the authority provided by MN Stat 103B.251, Subd. 5, the Commission has the authority to certify for payment by the county all or part of the cost of an approved capital improvement. The Commission will pay up to 25

percent of the cost of qualifying projects. This amount will be shared by all taxpayers in the watershed, with the balance of the project cost being shared by the local government(s) participating in or benefiting from the improvement.

The Commission’s maximum annual share of an approved project is up to \$250,000. The Commission’s share will be funded through the ad valorem tax levy – spread across all taxpayers within the watershed. The Commission will use a maximum annual levy of \$500,000 as a working guideline.

C. Following discussion by the members, the following projects were moved forward:

Line 16	Rush Creek Main Stem Restoration, Maple Grove*	\$25,000
Line 23	Ranchview Wetland Restoration, Maple Grove*	\$125,000
	<i>with the balance moved to 2020</i>	
Line 30	Mill Pond Rain Gardens, Champlin*	moved to 2020
Line 34	Rush Creek SWA Cost-Share/Ag BMPs*	\$20,000
Line 37	Hickory Drive Stormwater Improvement, Medina*	\$76,823
Line 39	Downtown Regional Stormwater Pond, Corcoran*	\$26,500
Line 42	Elm Creek Stream Restoration Phase IV, Champlin*	\$150,000
Line 43	Lowell Pond Raingarden, Champlin*	<u>moved to 2020.</u>
		\$423,323

Motion by Tuominen, second by Scharenbroich to recommend the projects listed in III.C. above to the Commission for funding at the amounts shown. *Motion carried unanimously.*

IV. Diamond Lake Curly Leaf Pondweed Treatment.* LaMott and Selter were present to provide the Commissioners with information regarding the Diamond Lake Improvement Association’s proposed Fluridone treatment for control of curly leaf pondweed (CLPW) in the lake. Their presentation described the project in some detail, including funding estimates for three years (2019-2021) of treatment. The Diamond Lake Association requested funding assistance for the project. PLM Lake & Land Management Corp. would be the contractor performing the treatments, and Three Rivers Park District would be contracted to conduct the pre and post treatment vegetation surveys.

Discussion followed the presentation. Vlach indicated that the project is necessary to eventually meet the in-lake water quality goals, but the timing of the project is not necessarily ideal. The Diamond Lake TMDL indicated that watershed loading accounts for 75% of the total load, and internal load accounts for 23% of the total load. There has to be a 3400 lb. reduction in total load for the lake to meet the total phosphorus state standard. The control of curly leaf pondweed would only account for 18% to 36% of the total reduction in load that is needed to achieve in-lake phosphorus goals. Consequently, controlling curly leaf pondweed would not achieve the in-lake water quality goal by itself because the majority of the load reduction needs to come from the watershed. A sub-watershed assessment has been approved by the Commission to identify projects in the watershed to achieve the proposed watershed load reductions identified in the TMDL. The Technical Advisory Committee (TAC) would like to address the watershed issues first before investing in the curly leaf pondweed control project. The risk of doing the project now is that the lake may remain in the algal-dominated condition due to the significant amount of watershed load going to the lake. Clear water conditions are necessary for the lake to transition from the algal dominated to the plant dominated condition. It will be difficult to achieve clear water conditions without addressing the watershed loading. Vlach indicated that there is support for the project, but not until the watershed issues are addressed first.

Barta expressed willingness to work with a shoreline agricultural resident to incorporate BMPs on his land. She also indicated decreasing erosion from the road on the south side of the lake will have a beneficial effect in reducing external loading. It was also stressed that education must be a part of this project.

It was a consensus of the members that, while the TAC supports the proposed project, more information is needed and will likely be provided when the Diamond Lake Subwatershed Assessment is completed. Timing of the project is critical and, in order for the project to be sustainable, the external load in the lakeshed must be addressed prior to the treatment.

V. The date of the next TAC meeting is indeterminate. The meeting of the Technical Advisory Committee was adjourned at 11:32 a.m.

I. A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:42 a.m., Wednesday, April 10, 2019, 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; Ken Guenther, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Elizabeth Weir, Medina; Fred Moore, Plymouth; Kevin Jullie, Rogers; James Kujawa, Jason Swenson, and Kirsten Barta, Hennepin County Dept. of Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson, JASS.

Also present: Todd Tuominen, Champlin; Kevin Mattson and Jon Bottema, Corcoran; Mark Lahtinen, Maple Grove; Catherine Cesnik and Ben Scharenbroich, Plymouth; and Andrew Simmons, Rogers.

A. Motion by Weir, second by Walraven to approve the **revised agenda**.* *Motion carried unanimously.* Per Guenther’s request, the Corcoran 2018 Stormwater Annual Report attached to the Downtown Regional Stormwater Pond description in the TAC meeting packet will be included on the May meeting agenda.

B. Motion by Walraven, second by Weir to approve the **minutes*** of the March 9, 2019, regular meeting. *Motion carried unanimously.*

C. Motion by Moore, second by Walraven to approve the April **Treasurer’s Report and Claims*** totaling \$13,187.79. *Motion carried unanimously.*

II. Open Forum.

III. Action Items.

A. **Project Review 2018-005 Sundance Greens, Dayton**.* This site consists of seven parcels totaling 310 acres. Approximately half is the Sundance Golf Course, the other half is agricultural land. The applicant is proposing a long-term, phased residential development with 665 residential units while maintaining a portion (9 of the 18 holes) of the golf course. Total new impervious area will be 71 acres. This project is being reviewed for Commission Rules D, F, and I. As part of the submittal for this project, the Sundance West and Sundance 2nd Addition phases will be reviewed for Rule E. As the site is phased in, the Commission will review each addition for consistency with Rules D, E, F and I. In their findings dated April 10, 2019, Staff recommends approval of the (1) stormwater management and floodplain plans for the Sundance Greens Preliminary Plans; and (2) grading and erosion control plans for Sundance Greens West and Sundance Greens 2nd Addition. Staff has determined the Wetland Buffer on Green 7 adjacent to wetland 3 does not meet the Commission’s standard of 10’ minimum. They

recommend that the additional buffers proposed adjacent to wetlands 3 and 5 be considered adequate alternative protection method for wetland 3, increasing the average buffer width around Wetlands 3 and 5 to 34 feet. Motion by Weir, second by Walraven to approve Staff’s recommendations. *Motion carried, Guenthner voting nay.*

B. Project Review 2019-008 Residences on Elm Creek, Medina.* The Commission received a request from the landowner and the City of Medina to review a proposed driveway access on Hamel Road, adjacent to Elm Creek. The driveway work will disturb approximately 2,650 SF. With the proximity to Elm Creek, impacts to the floodplain/floodway were a concern to Staff. Because of the limited extent and nature of work (driveway access only), Commission staff will only review the floodplain issues at this time. Future development on this parcel will require further review by the Commission, depending on the degree of development. Based upon revised plans dated March 27, 2019, Staff, in their findings dated March 29, 2019, recommend approval of floodplain impacts. They further recommend that the City of Medina implement the erosion controls and culvert recommendations in their findings. Motion by Guenthner, second by Weir to approve Staff’s recommendations. *Motion carried unanimously.*

C. 2018 Annual Activity Report.* Motion by Weir, second by Walraven to accept the 2018 report with the inclusion of a notation regarding an error found in the River Watch appendix. *Motion carried unanimously.* The report will be transmitted to BWSR by April 30, 2019. [Upon further reading, the text referred to a site on Rush Creek monitored by Minnetonka High School students, not that MHS was located on Rush Creek.]

IV. Recommendations from the Technical Advisory Committee (TAC).

A. Motion by Weir, second by Walraven to approve the recommendation of the Technical Advisory Committee (item III.C. of the TAC minutes above) to move forward with a request to Hennepin County for an **ad valorem levy** with six projects with a total Commission cost-share of \$423,323, and to further call for a **public meeting** to be held at the Commission’s May 8, 2019 meeting to consider a **Minor Plan Amendment** to incorporate the revisions to the CIP. *Motion carried unanimously.*

B. The TAC recommended no action at this time regarding the **Diamond Lake Improvement Association’s** request for funding assistance for the proposed Curly Leaf Pondweed Treatment. The Commissioners concurred with this recommendation.

V. Fish Lake Phase II Alum Treatment. Enclosed in the meeting packet are the following:

A. Amended Cooperative Agreement between Three Rivers Park District (TRPD), the City of Maple Grove, and the Commission. Motion by Guenthner, second by Weir to approve the agreement as amended pending approval by the City of Maple Grove. *Motion carried unanimously.* The amendment sets forth the revised cost-share contributions of the parties due to the increase in the cost of the second alum treatment.

B. Contract for Alum Treatment II between TRPD, the Commission, and HAB Aquatic Solutions, the contractor that will perform the treatment. The contract is in the amount of \$199,092, an amount to be modified due to increased or decreased quantities of unit price. Motion by Moore, second by Weir to approve the contract. *Motion carried unanimously*

C. Performance Bond naming HAB Aquatic Solutions as the Contractor and Three Rivers Park District as the Owner.

VI. Old Business.

VII. New Business.

Guenthner spoke to the Commissioners regarding the various **policies and procedures** utilized by the

Commission. He indicated that, as a new Commissioner, he is trying to get “up-to-speed” on how the Commission operates - how and why it does certain things. He said he will be meeting with Staff to learn more about how the Commission does business. Anderson suggested that it may be time to update and distribute new Commissioner handbooks. With the continuity of the current Commission, this has not been done in a while.

VIII. Education and Public Outreach.

The next **West Metro Water Alliance (WMWA) meeting** is scheduled for 8:30 a.m., Tuesday, May 14, 2019, at Plymouth City Hall.

IX. Communications.

X. Other Business.

A. The following **projects** are discussed in the April 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. 2016-047 Hy-Vee Maple Grove #1, Maple Grove.
8. 2017-014 Laurel Creek, Rogers.
9. 2017-017 Mary Queen of Peace Catholic Church, Rogers
10. 2017-021 Hindu Society of MN Staff Housing, Maple Grove.
11. 2017-029 Brayburn Trails, Dayton.
12. 2017-039 Rush Creek Apartments, Maple Grove.
13. 2017-050W Ernie Mayer Wetland/floodplain violation, Corcoran.
14. 2018-001 Rush Creek Commons, Maple Grove.
15. 2018-005 Sundance Greens, Dayton.
16. 2018-014 Refuge at Rush Creek, Corcoran.
17. 2018-018 Summers Edge Phase III, Plymouth.
18. 2018-020 North 101 Storage, Rogers.
19. 2018-021 113th Lane Extension, Brockton Lane/CSAH101 Intersection, Rogers.
20. 2018-026 Windrose, Maple Grove.
21. 2018-028 Tricare Third Addition, Maple Grove.
22. 2018-038 Vincent Woods, Rogers.
23. 2018-043 Bee Hive Homes, Maple Grove.
24. 2018-044 OSI Phase II, Medina.
25. 2018-046 Graco Expansion, Rogers.
26. 2018-048 Faithbrook Church, Phase 2, Dayton.
27. 2018-052 Rogers Tennis Center, Rogers.
28. 2018-053 Elm Creek Restoration, Champlin.
29. 2019-001 Fernbrook View Apartments, Maple Grove.
30. 2019-002 Parkside Villas, Champlin.
31. 2019-003 Rogers High School Tennis Court, Rogers.

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32. 2019-005 UBOL I-94 MnDot project., Maple Grove, Rogers
33. 2019-006 Hickory Pond, Medina.
34. 2019-007 Westin Ridge, Plymouth.
35. 2019-008 Residences on Elm Creek, Medina.
36. 2019-009 Beacon Ridge, Plymouth.
37. 2019-010 Hindu Temple Solar Array, Maple Grove.

B. Adjournment. There being no further business, the meeting was adjourned at 1:13 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary

JAA:tim

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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