

elm creek Watershed Management Commission

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May 2, 2018

Representatives
Elm Creek Watershed Management Commission
Hennepin County, MN

*The meeting packet for this meeting may be found on
the Commission's website:
[http://www.elmcreekwatershed.org/minutes--
meeting-packets.html](http://www.elmcreekwatershed.org/minutes--meeting-packets.html)*

Dear Representatives:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, May 9, 2018, at 11:30 a.m.** in the Mayor's Conference Room at Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN.

The Commission will suspend its regular meeting at 11:30 a.m. for the purpose of conducting a public meeting on a proposed Minor Plan Amendment to adopt revisions to its Capital Improvement Program. The regular meeting will resume immediately after the public meeting concludes.

Also, please update your calendars. The July 11, 2018 Elm Creek meeting (and possible TAC meeting) have been rescheduled for 9:00 a.m. to 1:00 p.m. due to a prior commitment for the meeting room.

Please email Tiffany at tiffany@jass.biz to confirm whether you or your Alternate will be attending the meeting.

Thank you.

Regards,



Judie A. Anderson
Administrator
JAA:tim
Encls: Meeting Packet

cc: Alternates
Joel Jamnik
TRPD

HCEE
Diane Spector
Clerks

BWSR
Met Council
Official Newspaper

MPCA
DNR

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AGENDA May 11, 2018

1. Call Regular Meeting to Order.
 - a. Approve Agenda.*
2. Consent Agenda.
 - a. Minutes last Meeting.*
 - b. Treasurer's Report and Claims.*
- Suspend regular meeting*
3. Public Meeting for Minor Plan Amendment to Third Generation Plan.
 - a. Staff Report.*
 - 1) Revised CIP.*
 - b. Commissioner Discussion.
 - c. Open Public Meeting.
 - 1) Receive written comments.
 - 2) Receive comments from public.
 - d. Close Public Meeting.
 - e. Commission Discussion.
 - f. Consider Resolution 2018-01.*
- Resume regular meeting.*
4. Open Forum.
5. Action Items.
 - a. Project Reviews.*
 - b. The Meadows Playfield, Plymouth.*
 - c. Consider 2019 Operating Budget.**
 - 1) Member Assessments.**
7. New Business.
8. Communications.
9. Education.
 - a. WMWA Update.**
10. Grant Opportunities and Updates.
 - a. Fish Lake Internal Phosphorus Loading Control.
 - 1) *Effectiveness of Late Summer Alum Application**
 - b. Rush Creek Headwaters Subwatershed Assessment.
 - c. 319 Small Watersheds Focus Program.*
11. Project Reviews – *also see Staff Report.**
12. Other Business.
13. Adjourn.

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*in meeting packet
**available at meeting

Project Reviews. (See Staff Report. *)						Item 01a
a.					2013-046	Woods of Medina, Medina.
b.					2014-015	Rogers Drive Extension, Rogers.
c.					2015-004	Kinghorn Outlet A, Rogers.
d.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
e.					2016-002	The Markets at Rush Creek, Maple Grove.
f.					2016-004	Park Storage Place, Corcoran.
g.					2016-005W	Ravinia Wetland Bank Plan, Corcoran.
h.				AR	2016-026	Faithbrook Church, Dayton.
i.					2016-040	Kinghorn 4th Addition, Rogers.
j.					2016-047	Hy-Vee Maple Grove #1 (Hy-Vee Maple Grove North).
k.				AR	2016-052	The Woods at Rush Creek, Maple Grove.
l.				AR	2017-014	Laurel Creek, Rogers.
m.				AR	2017-016	Territorial Woods, Maple Grove.
n.				AR	2017-017	Mary Queen of Peace Catholic Church, Rogers.
o.				AR	2017-019	Medina Senior Living Community, Medina.
p.				AR	2017-021	Hindu Society of MN Staff Housing, Maple Grove.
q.				AR	2017-029	Brayburn Trails, Dayton.
r.					2017-030	Brindle Path, Medina.
s.					2017-031	Bass Lake Crossing, Corcoran.
t.				AR	2017-034	Plymouth Memory Care, Plymouth.
u.					2017-035	Weston Woods PUD, Medina.
v.					2017-036	Enclave at Elm Creek, Plymouth.
w.				AR	2017-037	Corcoran L-80 Lift Station MCES Project 808520, Corcoran.
x.					2017-038	Bass Lake Estates, Corcoran.
y.					2017-039	Rush Creek Apartments, Maple Grove.
z.					2017-044	Reserve at Medina 2nd Addition, Medina.
aa.					2017-045	Fish Lake Estates, Maple Grove.
ab.					2017-046W	Wessell Property Wetland Delineation, Corcoran.
ac.					2017-048W	Ebert Parcel Wetland Delineation, Corcoran.
ad.		E			2017-049W	Rolling Hills Wetland Delineation, Corcoran.
af.					2017-050W	Ernie Mayer Wetland/floodplain violation, Corcoran.
ag.				AR	2017-051	Mallard South 2nd Addition, Rogers.
ah.					2017-053	Sunrise Solar, Corcoran.
ai.				AR	2018-001	Rush Creek Commons, Maple Grove.
aj.					2018-002	Mill Pond Pedestrian Trail and Bridge, Champlin.
ak.					2018-004	Rush Creek Restoration, Maple Grove.
al.					2018-005	Sundance Greens, Dayton.
am.					2018-007	Copper Creek of Nottingham, Maple Grove.
an.					2018-008	Hayden Hills Golf Course, Dayton.
ao.					2018-009	Plymouth NW Greenway Trail Phase IV, Plymouth.
ap.					2018-010	Greenway West, Plymouth.
aq.	A	E			2018-011	Rush Creek Run, Corcoran.

A = Action item E = Enclosure provided I = Informational update will be provided at meeting RPI - removed pending further information
R = Will be removed RP= Information will be provided in revised meeting packet..... D = Project is denied AR awaiting recordation

*in meeting packet
**available at meeting

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Item 02a

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April 11, 2018 Minutes
Technical Advisory Committee Meeting *(beginning on page 1)*
and
Regular Meeting *(beginning on page 3)*

I. A meeting of the **Technical Advisory Committee (TAC)** for the Elm Creek Watershed Management Commission was convened at 10:03 a.m., Wednesday, April 11, 2018 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; Sarah Nalven, Wenck Associates, Dayton; Rick Lestina and Mark Lahtinen, Maple Grove; Kaci Fisher, Hakanson-Anderson, Medina; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; James Kujawa 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 and Amy Juntunen, JASS.

Also present: Sharon Meister, Corcoran, and Doug Baines, Dayton.

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

Motion by Scharenbroich, second by Lestina to **approve the minutes** of the February 14, 2018 TAC meeting. *Motion carried unanimously.*

III. **Commission Cost Share Policy.**

At their December 13, 2017 meeting, the Commissioners discussed the "cap" on the maximum annual levy for Capital Improvement Projects (CIPs). According to the Commission's current Cost Share Policy which was adopted in 2012, the cap is \$250,000/project, \$500,000/year. In December 2017 the CIP showed estimated costs for projects anticipated to be levied in 2018/payable 2019 of \$1,395,250. Commissioners and TAC members were encouraged to discuss possibly raising the annual cap with their city personnel/councilors.

After discussion it was a consensus of the members of the TAC to maintain the cap at the current \$250,000/project, \$500,000/year. This recommendation will be brought to the Commission.

IV. **Capital Improvement Program.**

A. The 2018 CIP spreadsheet (*Table 4.5_2017 with 2018 submittals_Rev3*) has been revised as follows:

1. Stone's Throw Wetland (line 21) has been moved from 2018 to 2019.
2. Ranchview Wetland Restoration, Maple Grove (line 23) has been moved from 2018 to 2019.
3. Hickory Drive Stormwater Improvement, Medina, (line 37) has been added in 2019.
4. Southeast Corcoran Wetland Restoration, Corcoran, (line 38) has been added in 2019.
5. Downtown Regional Stormwater Improvement, Corcoran, (line 39) has been added in 2019.
6. Elm Creek Stream Restoration Phase III, Champlin, (line 40) has been added in 2018.
7. Downs Road Trail Raingarden, Champlin, (line 41) has been added in 2018/2019.
8. Elm Creek Stream Restoration Phase IV, Champlin, (line 42) has been added in 2019
9. Lowell Pond Raingarden, Champlin, (line 43) has been added in 2019.

B. At the February 14, 2018 TAC meeting projects were reviewed for timeliness and some construction dates adjusted. Generic projects were extended out to the 2020-2024 timeframe. As a result \$500,000 in projects were recommended for levy funding in 2018/payable 2019 as follows:

1. Rush Creek Main Stem Stream Restoration (line 16), Maple Grove, \$75,000

elm creek Watershed Management Commission

TAC and Regular Meeting Minutes – April 11, 2018

Page 2

2. Elm Creek Stream Restoration Reach D (line 18), Plymouth, \$212,500
3. Mill Pond Gardens (line 30), Champlin, \$100,000
4. Elm Creek Stream Restoration Phase III (line 40), Champlin, \$100,000
5. Downs Road Trail Rain Garden (line 41), Champlin, \$12,500

C. An additional CIP application has been received for Rush Creek Headwaters SWA BMP Implementation. Project cost is \$200,000, with the Commission's share of \$50,000, to be constructed in 2020. Motion by Scharenbroich, second by Nalven to add this CIP as proposed. *Motion carried unanimously.*

Motion by Kujawa, second by Scharenbroich to recommend to the Commission a call for a public meeting on May 9, 2018 to adopt a Minor Plan Amendment to incorporate these revisions/additions to the CIP. *Motion carried unanimously.*

[Tuominen arrived 10:10 a.m.]

D. Feasibility Reports.

1. Rush Creek Main Stem Stream Restoration,* Maple Grove, \$75,000. Motion by Scharenbroich, second by Fisher to recommend moving this project forward for funding under the 2018 levy. *Motion carried unanimously.* John Smythe will provide the missing nutrient reduction figures.

2. Elm Creek Stream Restoration Reach D,* Plymouth, \$212,500. Motion by Fisher, second by Nalven to recommend moving this project forward for funding under the 2018 levy. *Motion carried unanimously.*

3. Mill Pond Gardens,* Champlin, \$100,000. Upon the request of the City of Champlin, motion by Scharenbroich, second by Lestina to move this project to 2019. *Motion carried unanimously.*

4. Elm Creek Stream Restoration Phase III,* Champlin, \$100,000. Motion by Scharenbroich, second by Fisher to recommend moving this project forward for funding under the 2018 levy. *Motion carried unanimously.* WSB will provide the missing nutrient reduction figures.

[Barta arrived 10:28 a.m.]

5. Downs Road Trail Rain Garden,* Champlin, \$12,500. Motion by Scharenbroich, second by Lestina to recommend moving this project forward for funding under the 2018 levy. As a result of the moving of the Mill Pond Gardens project to 2019, full 2018-2019 funding (\$75,000) is recommended in 2018. *Motion carried unanimously.* WSB will provide the missing nutrient reduction figures.

[Simmons arrived 10:37 a.m.]

Motion by Scharenbroich, second by Fisher to recommend to the Commission ad valorem funding of projects 1, 2, 4, and 5, and a call for a public hearing to take public comment. *Motion carried unanimously.* [NOTE, IN ALL CASES THE INTENT IS TO REQUEST LEVY FUNDS IN 2018, WITH RECEIPT OF REQUESTED FUNDS IN 2019.]

E. BWSR Pilot Funding Project.

A third "pre-meeting" of watershed administrators was held March 30, 2018 to discuss options for allocating the Metro Area One Water One Plan (1W1P) Watershed-Based Funding Pilot Program dollars over the next few years. In addition, a Mississippi Basin committee and a chloride committee met to discuss potential programming. Juntunen attended for the watersheds. As a reminder, Hennepin County will be receiving \$1.018 million for the next two years, to be expended by December 31, 2021. The group will refine options and develop recommendations for the formal planning meeting, 1:30 p.m., May 16, 2018, Plymouth Library, to which all eligible entities will be invited by Hennepin County.

The Mississippi Basin watersheds will be meeting once more before the formal planning meeting to refine the project prioritization criteria. Each WMO submitted up to two priority projects which will be ranked by those criteria. The chloride committee will also be bracketing the potential chloride management costs so the recommended "amount off the top" is known going into the planning meeting. They will also be checking in with other counties to see if there is interest in pursuing a multi-county or Metro Area approach.

elm creek Watershed Management Commission

TAC and Regular Meeting Minutes – April 11, 2018

Page 3

Juntunen and Kujawa worked together to determine which projects should be submitted for this first round of watershed-based funding. They selected the Ranchview Wetland Restoration Project and the Hickory Drive Stormwater Improvement (lines 23 and 37). Motion by Lestina, second by Scharenbroich to approve these selections. *Motion carried unanimously.*

Scharenbroich noted that an emphasis should be placed on chloride-based projects/activities. Juntunen responded that during the first year 5% funding is anticipated, with that number increasing to 10% in the second year as activities are identified.

V. Draft Manure Management Model Ordinance/Policy.

Barta presented a draft Livestock Management Policy.* It is based on the one adopted by the Pioneer-Sarah Creek WMO. That policy references the City of Greenfield's Ordinance 2016-02* that pertains to livestock and domestic farm animals and the City of Medina's Manure Management Policy* and related ordinances. TAC members are requested to review these documents with their cities and to come back to the next TAC meeting with comments.

VI. Aquatic Vegetation Management.

Included in the meeting packet is the final draft of the Shingle Creek Watershed Management Commission's Submersed Aquatic Vegetation (SAV) Management Policy.* At an earlier meeting, Commissioners requested that Staff contact other WMOs with which they work to present the draft policy as a preliminary draft for consideration. Anderson reported that the Pioneer-Sarah Creek WMO was disinclined to consider an SAV policy at this time. This item will be postponed to a future TAC meeting.

VII. There being no further business, the meeting of the Technical Advisory Committee was adjourned at 11:30 a.m. The TAC will tentatively reconvene on Wednesday, June 13, 2018.

I. A **regular meeting** of the Elm Creek Watershed Management Commission was called to order at 11:40 a.m., Wednesday, April 11, 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; Joe Trainor, Maple Grove; 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 and Amy Juntunen, JASS.

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

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

B. Motion by Meister, second by Walraven to approve the **minutes*** of the March 14, 2018, regular meeting. *Motion carried unanimously.*

C. Motion by Moore, second by Walraven to approve the April **Treasurer's Report and Claims*** totaling \$267,085.58. *Motion carried unanimously.*

II. Open Forum.

III. Action Items.

A. **Project Review 2018-008 Hayden Hills Golf Course, Dayton**, was removed from the action agenda.

B. **Project Review 2018-010 Greenway West, Plymouth**.* This 40.2 acre site consists of five rural single family lots west of Troy Lane about 1/4 mile south of CR 47. The applicant is proposing to develop the area in two phases into 78 single family residential lots. The development must comply with the Commission's Stormwater Man-

elm creek Watershed Management Commission

TAC and Regular Meeting Minutes – April 11, 2018

Page 4

agement Plan, Rule D-Stormwater Management, Rule E-Erosion and Sediment Control, Rule F-Floodplain Alteration and Rule I-Buffer Strips. Preliminary comments were provided to the City and applicant on March 23. Acceptable revisions were subsequently provided by the applicant. Motion by Moore, second by Walraven to approve Staff's recommendations in their findings dated April 10, 2018. *Motion carried unanimously.*

C. Motion by Moore, second by Jullie to accept the preliminary **2017 Audit Report**.* *Motion carried unanimously.*

D. Motion by Walraven, second by Moore to authorize Staff to create a **Closed Project Account Policy**. *Motion carried unanimously.*

E. Motion by Weir, second by Trainor to accept the draft **2017 Annual Activity Report*** pending review and comments received by April 20. *Motion carried unanimously.*

IV. Technical Advisory Committee (TAC) Update. (Also refer to pages 1-3 of these minutes.)

A. **Cost Share Policy**.* In December the Commissioners discussed the "cap" on the maximum annual levy for Capital Improvement Projects (CIPs). Commissioners and TAC members were encouraged to discuss possibly raising the annual cap with their city personnel/councilors. After discussion at today's TAC meeting, it was a consensus of the members to recommend maintaining the cap at the current \$250,000/project, \$500,000/year. This decision was affirmed by consensus.

B. One additional new project was recommended to the Commission for addition to the Capital Improvement Program - Rush Creek Headwaters SWA BMP Implementation. Project cost is \$200,000, with the Commission's share being \$50,000, to be constructed in 2020. Motion by Weir, second by Walraven to approve the addition of this project and to call for a public meeting as part of the May 9, 2018 meeting to revise the CIP by adoption of a Minor Plan Amendment. *Motion carried unanimously.*

C. **Feasibility Reports**. The TAC members received feasibility reports on the following projects:

1. Rush Creek Main Stem Stream Restoration,* Maple Grove, \$75,000.
2. Elm Creek Stream Restoration Reach D,* Plymouth, \$212,500.
3. Elm Creek Stream Restoration Phase III,* Champlin, \$100,000.
4. Downs Road Trail Rain Garden,* Champlin, \$75,000.

The TAC accepted the reports and recommended ad valorem funding under the 2018 levy of these projects and a call for a public hearing to take public comment. *Motion carried unanimously. [NOTE, IN ALL CASES THE INTENT IS TO REQUEST LEVY FUNDS IN 2018, WITH RECEIPT OF REQUESTED FUNDS IN 2019.]*

D. A draft of the **manure management ordinance/policy*** will be transmitted to the member cities for review and comment prior to the June 13 TAC meeting.

E. Consideration of a lake **vegetation management policy*** will be postponed to a future TAC meeting.

V. New Business.

VI. Water Quality.

Vlach will give a presentation of the **watershed stream monitoring** at the May or June meeting, time allowing.

VII. Grant Opportunities and Updates.

A. **Internal Phosphorus Loading Control in Fish Lake project**. Vlach advised the Commissioners of a study being undertaken to determine the binding capacity of alum. The report should be available at the May meeting.

B. **Rush Creek Headwaters Subwatershed Assessment project**.* Wenck's April update states that the final report is being compiled and will be available for review and comment by April 11. A meeting of the Core Team will be scheduled for late April when the members will review the draft report and identified BMPs. Meetings with the Commission's TAC and the stakeholder focus group will follow.

elm creek Watershed Management Commission

Regular Meeting Minutes – February 14, 2018

Page 5

C. BWSR Pilot Funding Project.* See TAC Minutes IV.E., page 2.

VIII. Education.

A. West Metro Water Alliance (WMWA) Update.*

1. WMWA has switched over its email distribution system for the **WaterLinks e-newsletter** from Hennepin County to MailChimp. To continue to receive *WaterLinks*, or to newly subscribe, sign up at westmetrowateralliance.org/contact.html. The next issue of *Water Links* will be out in the second quarter of 2018 and will feature summer-related content.

2. In 2018 WMWA is planning to continue facilitating **native plant sales** by linking native growers with community events such as festivals, farmer's markets, and Metro Blooms workshops.

3. Included in the update are the website **Google Analytics*** for March 2018 and the **Facebook insights** for the last 28 days for WMWA.

4. The next **WMWA meetings** are scheduled for 8:30 a.m., Tuesday, May 8, 2018, and Tuesday June 12, 2018, at Plymouth City Hall.

B. **Upcoming Workshops.** Upcoming outreach events, most of which are provided by through Blue Thumb/Metro Blooms. Find out more at westmetrowateralliance.org/

1. Resilient Yard Workshops
 - a. St. Louis Park, March 29 6:00-8:30 p.m.
 - b. Champlin, April 4 6:30-9:00 p.m.*
 - c. Plymouth, April 17 6:00-8:30 p.m.*
 - d. North Minneapolis, April 28 11:00-1:30 pm
 - e. Crystal, May 10 6:00-8:30 p.m.*
 - f. Brooklyn Center, May 15 6:00-8:30 p.m.*

**Includes plant sales by Minnesota Native Landscaping*
2. Turf Alternative Workshops
 - g. St. Louis Park, April 12 6:30-8:00 p.m.
 - h. North Minneapolis, May 19 11:00-12:30 p.m.
 - i. Robbinsdale – not scheduled yet

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. 2016-004 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.

elm creek Watershed Management Commission

TAC and Regular Meeting Minutes – April 11, 2018

Page 6

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.
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 Walraven, second by Trainor to adjourn.
Motion carried unanimously. The meeting was adjourned at 12:28 p.m.

Respectfully submitted,



Judie A. Anderson, Recording Secretary

JAA:tim

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1 Table 4.5. Elm Creek Third Generation Plan Capital Improvement Program

Description	Location	Priority	Est Proj Cost	Partners	Funding Source(s)	Estimated Commission Cost					
						2015	2016	2017	2018	2019	2020-2024
<i>Special Studies</i>											
TMDL implementation special study	Watershed	H	225,000	Cities, HCEED	Operating budget	0	25,000	25,000	25,000	25,000	125,000
Stream segment prioritization	Watershed	H	20,000	Cities, HCEED, TRPD	Operating budget	10,000	0	0	0	10,000	0
<i>High Priority Stream Restoration Projects</i>				Cities, TRPD	Cities, TRPD, county levy, grants						
Elm Cr Reach E	Plymouth	H	1,086,000	Commission, Plymouth	County Levy - levied in 2015	250,000					
CIP-2016-RO-01 Fox Cr, Creekview	Rogers	H	321,250	Commission, Rogers	County Levy - levied in 2016	0	80,312	0	0	0	0
Mississippi Point Park Riverbank Repair	Champlin	M	300,000		County Levy - levied in 2016	0	75,000	0	0	0	0
Elm Creek Dam	Champlin	H	7,001,220		County Levy - levied in 2016	0	187,500	0	0	0	0
Tree Thinning and Bank Stabilization Project	Watershed	H	50,000			0		50,000	50,000	50,000	250,000 300,000
Fox Cr, Hyacinth	Rogers	M	360,000		County Levy - levied in 2017	0	0	90,000 112,500	0	0	0
Fox Cr, South Pointe, Rogers	Rogers	M	90,000			0	0	22,500	0	22,500	0
Other High Priority Stream Project	Watershed	H	500,000			0	0	0	125,000	125,000	250,000
CIP-2016-MG-02 Rush Creek Main	Maple Grove		1,650,000		County Levy - levied in 2016		75,000	75,000	75,000	25,000	
CIP-2016-MG-03 Rush Creek South	Maple Grove		675,000						168,750		
CIP-2017-PL-01 EC Stream Restoration Reach D	Plymouth		850,000	City, County, Comm	City, County, Comm				212,500		
<i>High Priority Wetland Improvements</i>				Cities	Cities, Commission						
DNR #27-0437	Maple Grove	L	75,000			0	0	0	0	0	18,750
Stone's Throw Wetland	Corcoran	M	450,000			0	0	112,500	112,500	112,500	0
Other High Priority Wetland Projects	Watershed	L	100,000			0	0	0	0	0	25,000
CIP-2016-MG-01 Ranchview Wetland Restoration	Maple Grove		2,000,000					250,000	250,000		
<i>Lake TMDL Implementation Projects</i>				Cities, lake assns.	Cities, Comm, grants, owners						
Mill Pond Fishery and Habitat Restoration	Champlin	H	5,000,000		County Levy - levied in 2017	0	0	250,000	0	0	0
Other Priority Lake Internal Load Projects	Watershed	M	100,000			0	0	0	0	0	25,000
	Maple Grove	H	300,000	City, TPRD, Comm, lake assn	County Levy - levied in 2016		75,000				
Stonebridge	Maple Grove	M	200,000	retrofit of some addl stormsewer treatment systems will not occur during street reconstruction project		0		50,000	0	0	0
Rain Garden at Independence Avenue	Champlin	L	300,000		County Levy - levied in 2017	0		75,000	0	0	0
CIP-2016-CH-01 Mill Pond Rain Gardens	Champlin	M	400,000			0	0		100,000	100,000	0
Other Priority Urban BMP Projects	Watershed	L	200,000			0	0	0	0	0	50,000
<i>Other</i>											
Livestock Excluss, Buffer & Stabilized Access	Watershed	M	50,000	Cities, owners, U Extension, NRCS	Cities, owners, Comm, NRCS	0	0	0	50,000	0	50,000
Agricultural BMPs Cost Share	Watershed	H	50,000	Cities, owners, U Extension, NRCS	Cities, owners, Comm, NRCS	0		50,000	50,000	50,000	100,000 150,000
CIP-2016-RO-04 CIP-2017-RO-1 Ag BMPs-Cowley-Sylvan Connections BMPs	Rogers		300,000	City, Comm	City, Comm, BWSR				75,000		
CIP-2016-RO-03 Downtown Pond Exp & Reuse	Rogers		406,000						101,500		
Hickory Drive Stormwater Improvement	Medina		225,000	City. Comm, Grants						56,250	
SE Corcoran Wetland Restoration	Corcoran		400,000	City. Comm, 319 Grant						100,000	
Downtown Regional Stormwater Pond	Corcoran		50,000	City. Comm						10,000	
Elm Creek Stream Restoration Phase III	Champlin	H	400,000						100,000		
Downs Road Trail Raingarden	Champlin	H	300,000						75,000		
Elm Creek Stream Restoration Phase IV	Champlin	H	600,000							150,000	
Lowell Pond Raingarden	Champlin	H	400,000							100,000	
Rush Creek Headwaters SWA BMP Implementation	Corcoran/Rogers	H	200,000	cities, county, TRPD	cities, county, TRPD, owners						50,000
Hydrologic & Hydraulic Modeling	Watershed	L	25,000	HCEE	Commission	0	0	0	25,000	0	0
Fourth Generation Plan	Watershed	L	70,000		Commission	0	0	0	0	0	\$70,000
TOTAL STUDIES			245,000		COMM SHARE TOTAL STUDIES	10,000	25,000	25,000	25,000	35,000	125,000
TOTAL CIPS			24,234,470		COMM SHARE TOTAL CIPS	\$ 250,000	\$ 492,812	\$ 935,000	\$ 1,357,750	\$ 901,250	\$ 988,750
			25,284,470					\$ 437,500	462,500		
Projects levied in prior years		Projects added/ revised in 2017		Projects levied in 2017, payable 2018		Nitro Software, Inc.		Projects added/ revised in 2018			

Legal Notice
NOTICE OF PUBLIC MEETING
Elm Creek Watershed Management Commission

TO WHOM IT MAY CONCERN:

Notice is hereby given that the Elm Creek Watershed Management Commission will meet at Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN, on Wednesday, May 9, 2018, at 11:30 a.m., or as soon thereafter as the matter may be heard, for a public meeting on a proposed management plan amendment.

The Commission proposes to amend its *Third Generation Watershed Management Plan* to adopt revisions to its 2018 Capital Improvement Program (CIP).

The following projects would be added:

Hickory Drive Stormwater Improvement, Medina, est cost \$225,000, Comm share in 2019 \$56,250

SE Corcoran Wetland Restoration, Corcoran, est cost \$400,000, Comm share in 2019 \$100,000

Downtown Regional Stormwater Pond, Corcoran, est cost \$50,000, Comm share in 2019 \$10,000

Elm Creek Stream Restoration Ph III, Champlin, est cost \$400,000, Comm share in 2018 \$100,000

Downs Road Trail Raingarden, Champlin, est cost \$300,000, Comm share in 2018 \$75,000

Elm Creek Stream Restoration Ph IV, Champlin, est cost \$600,000, Comm share in 2019 \$150,000

Lowell Road Raingarden, Champlin, est cost \$400,000, Comm share in 2019 \$100,000

Rush Creek Headwaters SWA BMP Implementation, Corcoran/Rogers, est cost \$200,000, Comm share in 2020 \$50,000

Funding for the following project would be shifted:

Stone's Throw Wetland, Corcoran, est cost \$450,000, shift \$112,500 from 2018 to 2019

The remaining projects on the CIP are unchanged.

The Elm Creek watershed includes parts of the cities of Champlin, Corcoran, Dayton, Maple Grove, Medina, Plymouth and Rogers.

Persons who desire to be heard with reference to the proposed amendment will be heard at this meeting. Written comments may be submitted to Doug Baines, chair of the Elm Creek Commission, c/o JASS, 3235 Fernbrook Lane, Plymouth, MN 55447, or emailed to judie@jass.biz. Auxiliary aids for persons with handicaps are available upon request at least seven days in advance. Please contact Judie Anderson at 763-553-1144 to make arrangements.

/s/ Doug Baines, Chair

Elm Creek Watershed Management Commission

By order of the Elm Creek Watershed Management Commission

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3235 Fernbrook Lane
Plymouth, MN 55447
(763) 553-1144
Fax: (763) 553-9326
judie@jass.biz

Item 03a-3

To: Elm Creek Commissioners
From: Judie Anderson
Date: May 9, 2018
Subject: Public Meeting – Minor Plan Amendment

On April 11, 2018 the Elm Creek Watershed Management Commission, upon recommendation of the Technical Advisory Committee, approved a motion to move forward with a Minor Plan Amendment to its Third Generation Watershed Management Plan to revise the Capital Improvement Program as follows:

- A. Add the following projects:
1. Hickory Drive Stormwater Improvement, Medina, est cost \$225,000, Comm share in 2019 \$56,250
 2. SE Corcoran Wetland Restoration, Corcoran, est cost \$400,000, Comm share in 2019 \$100,000
 3. Downtown Regional Stormwater Pond, Corcoran, est cost \$50,000, Comm share in 2019 \$10,000
 4. Elm Creek Stream Restoration Ph III, Champlin, est cost \$400,000, Comm share in 2018 \$100,000
 5. Downs Road Trail Raingarden, Champlin, est cost \$300,000, Comm share in 2018 \$75,000
 6. Elm Creek Stream Restoration Ph IV, Champlin, est cost \$600,000, Comm share in 2019 \$150,000
 7. Lowell Road Raingarden, Champlin, est cost \$400,000, Comm share in 2019 \$100,000
 8. Rush Creek Headwaters SWA BMP Implementation, Corcoran/Rogers, est cost \$200,000, Comm share in 2020 \$50,000
- B. Shift the funding/timing for the following projects as follows:
1. Stone's Throw Wetland, Corcoran, est cost \$450,000, shift \$112,500 from 2018 to 2019
- C. The remaining projects on the CIP are unchanged.

COMMISSION ACTION

The purpose of the public meeting is to present the proposed amendment and to take comment from the member cities and the public. The purpose of the public meeting is NOT to approve going forward with any of these projects. The recommended order of business is as follows:

1. Suspend regular meeting
2. Staff report
3. Commission discussion
4. Open public meeting
5. Take comments from member cities
6. Take comments from public
7. Close public meeting
8. Commission discussion
9. Consider approving Resolution 2017-01
10. Resume regular meeting

COMMENTS RECEIVED

No comments have been received as of 5:00 p.m., May 2, 2018.

STAFF RECOMMENDATION

The Technical Advisory Committee has reviewed the proposed revisions to the Capital Improvement Program and found them to be consistent with the Commission's requirements. At their April 11, 2018 meeting the Commission approved the revisions and directed Staff to move forward with a Minor Plan Amendment. Staff recommends that the Commission approve the amendment and adopt Resolution 2018-01. The Resolution will be effective upon approval of the amendment by the Hennepin County Board of Commissioners.

ELM CREEK WATERSHED MANAGEMENT COMMISSION
STATE OF MINNESOTA

RESOLUTION NO. 2018-01

ADOPTING A MINOR AMENDMENT TO THE THIRD GENERATION PLAN

WHEREAS, on October 14, 2015, the Elm Creek Watershed Management Commission (Commission) adopted the *Elm Creek Watershed Management Commission Third Generation Watershed Management Plan*, (hereinafter, "Plan"); and

WHEREAS, the Plan includes a Capital Improvement Program (CIP); and

WHEREAS, the Commission has proposed a Minor Plan Amendment that would add eight projects to the CIP; and

WHEREAS, the Commission has also proposed that the Minor Plan Amendment would shift the timing of funding of one project currently listed on the CIP; and

WHEREAS, Table 4.5 of the Capital Improvement Program will be revised to reflect these changes; and

WHEREAS, the proposed Minor Plan Amendment has been reviewed in accordance with the requirements of Minnesota Statutes, Section 103B.231; and

WHEREAS, the Minnesota Board of Water and Soil Resources did approve proceeding to adoption by a Minor Plan Amendment; and

WHEREAS, on May 9, 2018, after legal and written notice duly given, the Commission held a public informational meeting to explain the proposed revisions; and

WHEREAS, the Commission has determined that it would be reasonable and appropriate and in the public interest to adopt the Minor Plan Amendment;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Commissioners of the Elm Creek Watershed Management Commission that:

1. The Minor Plan Amendment is approved and adopted contingent upon approval by the Hennepin County Board of Commissioners, said approval anticipated forthwith.
2. Commission staff is directed to notify appropriate parties of the Amendment to the Plan.

Adopted by the Board of Commissioners of the Elm Creek Watershed Management Commission this ninth day of May, 2018.

Doug Baines, Chair

ATTEST:

Judie Anderson, Recording Secretary

**STATE OF MINNESOTA
COUNTY OF HENNEPIN**

I, Judie A. Anderson, do hereby certify that I am the custodian of the minutes of all proceedings had and held by the Board of the Elm Creek Watershed Management Commission, that I have compared the above resolution with the original passed and adopted by the Board of said Commission at a regular meeting thereof held on the ninth day of May, 2018, at 11:30 a.m., that the above constitutes a true and correct copy thereof, that the same has not been amended or rescinded and is in full force and effect.

IN WITNESS WHEREOF, I have hereunto placed my hand and signature this ninth day of May, 2018.

(NO SEAL)

Judie A. Anderson
Recording Secretary

elm creek

Watershed Management Commission

ADMINISTRATIVE OFFICE
3235 Fernbrook Lane
Plymouth, MN 55447
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STAFF REPORT

May 2, 2018

2013-046 Woods of Medina, Medina. This is two parcels totaling 9.5 acres located east of CR 116 and south of Hackamore Road. The site is proposed to be developed into 16 single-family residential lots. On January 13, 2015, the Commission approved this project with two conditions. Although this project has not been constructed, it is still active with the City of Medina and remains approved by the Commission until it becomes inactive with the City.

2014-015 Rogers Drive Extension, Rogers. This project involves improvements along Rogers Drive from Vevea Lane to Brockton Lane. The project is located east of I-94, south of the Cabela development. The total project area is 8.0 acres; proposed impervious surfaces total 5.6 acres. Site plans received July 1, 2014 meet the requirements of the Commission with the exception of the nutrient control. Due to limited options to treat the nutrient loads on the east 1.7 acre portion of Rogers Drive, the Commission approved the site plan contingent upon the City deferring 4.6 lbs. of phosphorus for treatment in future ponding opportunities as the easterly corridor of Rogers Drive develops. 2.3 lbs. will be accounted for in the Kinghorn Spec. Building site plan with 2.3 lbs. still outstanding. This item will remain on the report until the total deferral is accounted for.

2015-004 Kinghorn Outlot A, Rogers. This is a 31 acre site located between the Clam and Fed Ex sites in Rogers on the west side of Brockton Road and I-94. The proposed site will have two warehouse buildings, 275,000 and 26,000 SF in size, with associated parking and loading facilities. The Commission standards require review of stormwater management, grading and erosion controls and buffers. In June 2015 the Commission approved this project with three conditions. Revisions have yet to meet the Commission's approval conditions. This project was extended by the City of Rogers earlier this year. It will remain active on the Staff Report.

2016-002 The Markets at Rush Creek, Maple Grove. This is a proposal to develop 40 acres of a 123-acre planned unit development located in the southwest quadrant of the intersection of CSAH 101 and CSAH 10. County Ditch 16 (Maple Creek) runs along the south property line on this project. The 40-acre project area includes a Hy-Vee grocery store (16.8 acres), a Hy-Vee gas station (2.5 acres) and 11 outlots (18.76 acres). Right-of-way accounts for 2.3 acres. The remaining acreage (83 acres) consists of 5 outlots and right-of-way. The additional outlot areas are not part of the stormwater review for this project but will be reviewed for compliance with the Commission's buffer and floodplain requirements. In May 2016 the Commission granted Staff authority to administratively approve the project and report any updates. This project has been placed on hold by Hy-Vee. As long as it remains active with the City, the Commission's conditional approval remains in place. A temporary pipe to drain excess water on the west side of CSAH 101 will be installed by the City of Maple Grove through this site. The permanent pipe was installed under CSAH 101 at the time the road was constructed in 2007, but it was bulk headed on both ends of the ROW. This is being completed because a new development in the northwest corner of this intersection is being considered by the City. (See project 2017-039.)

2016-004 Park Place Storage Site Plans, Corcoran. The applicant is developing a 22-acre site in the southwest portion of the city into a multi-unit storage facility with associated access roads, utilities, and stormwater features. This is an addition to the existing storage facility located west of the proposed project. New wetland permit revisions were approved by the Commission at their July 2016 meeting. New site plan information was received and approved by the Commission in October 2016. All approval contingencies have been met with the exception of wetland banking withdrawals for 0.24 acres from bank account #15560. Staff gave the applicant until November 17, 2017 to secure the additional 0.24 acre credits.

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RULE I - BUFFERS

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

The applicant has requested additional time to secure these credits due to a specific bank site expected to be certified by BWSR in the next 60 days. Staff approved the request. *A purchase agreement with the Murray Ball Wetland Bank in Greenfield has been processed. Staff are awaiting BWSR certification of the withdrawal/deposit credit transfer.*

2016-005W Ravinia Wetland Replacement Plan, Corcoran. In February 2016, Lennar Corporation submitted a Wetland Banking Concept Plan for Phase II of the Ravinia Development. This plan was withdrawn in favor of an onsite wetland replacement plan. At their December 2016 meeting the Commission approved Staff's findings and recommendations dated January 10, 2017. Final wetland impacts will be 1.22 acres. Wetland credits created on site will be 4.01 acres. Excess credits of 0.11 acres are proposed to be used on Lennar's Laurel Creek development in Rogers (2017-014). All approval contingencies have been met. Construction on the site began in spring 2017. Vegetation planting and management took place throughout 2017. Beginning in 2018 Barr Engineering will provide monitoring to ensure the replacement meets the performance standards of the approved plans.

2016-040 Kinghorn 4th Addition, Rogers. This is a 13.7-acre parcel located in the northwest corner of the intersection of Brockton Lane and Rogers Drive. An industrial warehouse with 8.8 acres of new impervious area is proposed for the site. The plan includes the use of a NURP pond and a biofiltration basin to meet Commission requirements for rates, water quality and abstraction. The adjacent site is likely to be developed in the near future and some of the stormwater features were oversized to accommodate future development. In November 2016 the Commission approved the project conditioned on: 1) approval of only this phase; future phases will need additional review and approval; 2) final modifications to the hydrologic modeling; 3) additional details are provided for a proposed water re-use system; 4) an O&M Plan for the pond and biofiltration basin is completed and recorded on the final plat; 5) modification of the storm sewer system to maximize the area draining to the NURP pond; and 6) receipt and review of wetland-related documentation if wetlands are present. Condition #1 required no action, so has been met. Condition #2 has been met for the current design; however, any future design modifications will require additional review. Conditions #3-6 remain outstanding and are expected to be addressed during final design. Staff has discussed the project with the City and been in contact with the project engineer to receive an update, but no new information has been provided.

2016-047 Hy-Vee North Maple Grove. The applicant is proposing to disturb 13 acres of a 20.4-acre site located at the northeast corner of Maple Grove Parkway and 99th Avenue for the purpose of constructing a grocery store, fuel station, convenience store and parking facilities. Staff sent preliminary review comments and requested revisions on December 14. In their findings dated January 10, 2017, Staff recommended approval of this project subject to 1) receipt, approval, and recordation of an Operations and Maintenance Plan for the pond and the iron-enhanced filtration system, 2) revisions for items relating to buffer requirements and erosion and sediment control as enumerated in the findings, and 3) receipt of a signed and dated final plan set. The Commission approved Staff's recommendations at their January 11, 2017 meeting with the additional requirement that the Commission receive and comment on a WCA impact notice. No new information has been received to date.

2017-031 Bass Lake Crossing, Corcoran. This is two parcels, 48.5 total acres, located north of the intersection of CR 10 and Larkin Road. M/I Homes is proposing to develop the two parcels into 97 single-family residential homes. As proposed, the project will require 0.3303-acre of jurisdictional wetland fill within 5 separate wetland locations. The review will be for compliance with the Commission rules D, G, and I. The Commission approved this project and wetland replacement plan per Staff and TEP recommendations at their November 2017 meeting. All the contingent recommendations have been met. A \$75,000 escrow has been placed with the Commission until all the wetland credits have been purchased per the approved wetland replacement plan.

2017-036 Enclave at Elm Creek, Plymouth. This is a 73-acre parcel located on CSAH 101 and Prairie Creek Road, about 3/4 miles north of TH 55. The property will be developed into 111 residential lots and a new school site. Stormwater, grading and erosion control plans were submitted for the residential portion of the property. Only stormwater management plans for the future school site were submitted for review. The residential portion of this development looks good, but a large component of the stormwater management (2.1 lbs/year of phosphorus removals and 46,452 CF of abstraction) for this 73-acre area is dependent on construction of the school site on the south 1/3 portion of the property. The school site grading and stormwater management system was provided as a concept only. Staff is working with the City to provide assurance

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to the Commission that the limiting stormwater components will be handled by the City if the school site is not constructed to meet Commission standards. An alternative to meet the Commission's requirements has been proposed, but not preferred by the applicant. The applicant and City agreed to an escrow submittal in lieu of meeting the City and Commission's stormwater management requirements at this time. The escrow will be held until the applicant meets said requirements or the school site is developed. This item was approved in October 2017 but will remain on the report until the stormwater management requirements are met by the school district or the applicant. Site plans for the elementary school have been received. *This item will be removed from the report.*

2017-038 Bass Lake Estates, Corcoran. This is a proposed residential development consisting of 55 single family lots and one commercial lot on a 40-acre site. The project is located west of the intersection of Bass Lake Road (CR 10) and CR 101. Fifty-five villa-style homes are proposed for the residential portion of the site and a storage facility is proposed for the commercial portion of the site. The Commission reviewed this site for conformance to rules D, E, F, and I. A revised set of plans was submitted on February 14, 2018. *At their March 14, 2018 meeting, the Commission approved Staff's findings dated March 13, 2018 which recommended approval contingent upon the applicant recording the maintenance agreements and easements within 90 days of final plat recording.*

2017-039 Rush Creek Apartments, Maple Grove. This project is located in the southwest quadrant of the intersection of Bass Lake Road (CSAH 10) and Troy Lane (CSAH 101). The project area is 8.2 acres in size and includes two phases of construction. Phase I is 236 apartment units on 6.0 acres located on Lot 1, Block 1, Southwest Crossroads 2nd Addition. Phase II is a future 76-unit apartment building located on 2.2 acres in Outlot C of this development. The Commission will review this project for conformance to rules D, E and I. Findings with no recommendations dated November 15, 2017, were provided to the applicant and City. The applicant requested and was granted an extension of the deadline (per MN statute 15.99) to December 31, 2018.

2017-044 Reserve at Medina 2nd Addition, Medina. An erosion control review of the plans for the final buildout of this addition of the Reserve at Medina project originally approved under permit #2013-002. This addition is located southeast of Hackamore Road and Pinto Drive (CR116), immediately east of the First Addition, and will allow for the construction of 46 new single-family homes. The plans are in conformance with the previously approved project, and require small modifications in order for Staff to complete its administrative review. As of this writing, revised plans have still not been received. Staff has placed an inquiry with the applicant on when these may be expected.

2017-045 Fish Lake Estates, Maple Grove. This is a small subdivision located at the intersection of the Weaver Lake Road entrance ramp to east bound I94 and Fish Lake Road East. The application is considered incomplete because the Commission has not received authorization from the City to proceed with its review. The City has concerns with the lot layout, wetland impacts and stormwater management. No new information has been received as of this report.

2017-046W Wessell Property Wetland Delineation, Corcoran. This is a wetland delineation received for the Commission's review and decision for a 155-acre site located in the northwest quadrant of Hackamore Road and CSAH 116. The WCA application notice has been issued. The application is considered incomplete at this time. Staff met with the delineator on-site and walked the wetland boundaries. Staff requested additional historic aerial photo reviews and the complete report prior to a final decision. Neither have been received.

2017-048W Ebert Parcel Wetland Delineation, Corcoran. This application was submitted without a final delineation report and is considered incomplete. The applicant requested the LGU look at the site prior to freeze up. Once a final report is received Staff will notice the delineation and move forward with the application.

2017-049 Rolling Hills Road Wetland Delineation, Corcoran. This application was originally submitted without the final delineation report and was considered incomplete. Staff viewed the site prior to freeze up in November and recommended a few minor changes. The final report was received in February with the recommended changes. *Staff has noticed and approved the delineation per WCA requirements. This item will be removed from the report.*

2017-050W Ernie Mayer Wetland/floodplain violation, Corcoran. The Commission was informed of a potential wetland violation occurring on four parcels in Corcoran. All appear to be operated by Mayer. An initial site inspection

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appears to confirm the wetland violation. An access road was constructed from Larkin Road into these parcels. The road appears to be constructed in MN Wetland Conservation Act jurisdictional wetlands within the Rush Creek floodplain. A Technical Evaluation Panel (TEP) met onsite on December 11 to advise the Local Government Unit (the Commission) as to the extent of any violation and the development of a restoration order for any violation that has occurred on this site. An informational meeting with the TEP and applicant was held on January 30, 2018. Once conditions permit in the spring, additional site work will be done to determine the extent of the wetland fill and other impacts from the work. *A field TEP is scheduled for May 8.*

2017-053 Sunrise Solar Garden, Corcoran. The project proposes to construct a 5 Megawatt Solar Facility on an 80-acre site located northwest of the intersection of County Roads 50 and 19. The project proposes to place solar panels across much of the site, including through several lower quality wetlands and their associated buffers. Otherwise, the site proposes minimal grading to install the panels and associated infrastructure. At their January meeting the Commission approved this project contingent that 1) stormwater easements and buffers are provided over all stormwater features on the site, including a stipulation that no other structures other than the proposed solar panels are allowed for installation in the buffers and wetlands, that 2) an approved O & M agreement is recorded on the land title within 90 days after City approval, and that 3) final signed plans be submitted by the applicant's engineer. Staff has also received a request to modify aspects of the wetland impacts on the site and has considered the request with input from BWSR. *Based on input from BWSR, the requested modifications are in conformance with the requirements of WCA, and a revised wetland Notice of Decision will be issued.*

2018-002 Highway 169 Pedestrian Bridge/Trail, Champlin. This project proposes the construction of a multi-modal pedestrian trail adjacent to the TH 169 corridor, along with several other improvements including parking improvements in two locations, changing the location of a boat launch proposed in permit 2017-027W, and modifying an existing trail. The total project area includes nearly 6 acres of disturbance. Impacts to the floodplain are part of the project, with both floodplain fill and mitigation being provided as part of the project. At their March 14, 2018 meeting, the Commission approved Staff's findings dated March 13, 2018 which recommended approval with no conditions. *This item will be removed from the report.*

2018-004 Rush Creek Restoration Project, Maple Grove. The City is proposing to restore 2,400 feet of Rush Creek just north of Territorial Road adjacent to the Enclave on Rush Creek development. This is within the Three River Parks corridor that was obtained when the development was platted. It is being reviewed for compliance to the Commission's grading and floodplain requirements. *Staff is completing its review and the review and recommendations will be provided to the Commission at their meeting.*

2018-005 Sundance Greens, Dayton. This site consists of seven parcels totaling 310 acres. Approximately half is the Sundance Golf course and 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. The site is being reviewed for Commission Rules D, F, and I. Staff's review and findings dated February 23, 2018 were provided to the City and applicant. Because the plans do not meet the Commission's requirements no recommendations were given. The decision deadline per MN 15.99 was extended by Staff to June 2, 2018 giving the applicant the opportunity to respond to their findings. No other information has been received to date.

2018-007 Copper Creek of Nottingham, Maple Grove. This is a 4.03 acre in-fill project in the Nottingham development section of Maple Grove. It is located about 1/4 mile northeast of the intersection of Nottingham Parkway at Bass Lake Road along 73rd Place/Xene Lane cul-de-sac. Nine new single family residential lots are proposed. The current site plans dated February 12, 2018 do not meet the Commission's standards for water quality, abstraction and erosion controls. Staff's review and findings were sent to the City and applicant on March 6. *The decision deadline per MN Statute 15.99 was extended to June 20, 2018. No new information has been received.*

2018-008 Hayden Hills Golf Course Subdivision, Dayton. This is an 85 acre golf course that is proposed to be developed into 238 single family residential lots. The ordinal 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

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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. We are working with the developer to find design modifications and/or pre-treatment to the ponds to comply with the Commission's standards. A preliminary review was provided in the April packet and, if available, Staff's updated review and recommendations will be provided to the Commission at their meeting.*

2018-009 NW Greenway Trail, Phase IV, Plymouth. This section of the Plymouth NW Greenway Trail is a boardwalk and trail that will cross a portion of the Elm Creek floodplain that is adjacent to Peony Lane near Wayzata High School. Staff will review for compliance to the Commission's floodplain and erosion control requirements. Site plans were received March 1. *Staff is working to complete its review and their review and recommendations will be provided to the Commission at their meeting.*

2018-010 Greenway West, Plymouth. This 40.2 acre site consists of five rural single family lots west of Troy Lane about ¼ mile south of CR 47. Pulte Homes is proposing to develop the area in two phases into 78 single family residential lots. This development will require compliance to the Commission's rules D, E, F and I. *At their April meeting the Commission approved Staff's findings and recommendations dated April 10, 2018. This item will be removed from the agenda.*

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 findings and recommendations dated April 18, 2018.*

2018-012 Meadows Playfields, Plymouth. *This is a preliminary application. No review or decision is expected from Plymouth at this time. Staff will work with the City as necessary to advance the project. See item 5b on the meeting agenda.*

2018-013 Wayzata Elementary School #9, Plymouth *This site is the southwest 24-acre area of a 73-acre parcel. The property was subdivided into a phased 111 residential subdivision on 49 acres last year (ECWMC project 2017-036, The Enclave of Elm Creek) with this area site to be reviewed and approved when submitted. Stormwater was designed and approved by the Commission with both projects as one management system, but the final plans for the school site had not been determined at the time of the Enclave review. The approval for project 2017-036 was contingent upon, a) the school project review and approval or b) an alternative abstraction design be implemented in the residential project. This submittal is for the school project review and approval. The Commission review for the Elementary School site will be for rules D, E, F and I. No recommendation is available at this time; site plans dated March 28, 2018 do not meet the Commission buffer, floodplain or erosion control rules.*

2018-014 Fehn Meadows 2nd Addition, Corcoran. *The site is currently a 63-acre agricultural property located west of Cain Road on CR 117. The applicant proposes to subdivide the site into 14-residential lots. Public road and trail access will impact one wetland basin in two location, totaling 15,687 SF of type 1 wetland impacts. Replacement at a 2:1 ratio in Bank Service Area 7, Major Watershed 18-N.Fork Crow River is proposed. The wetland replacement plan has been noticed per WCA requirements. Comments will be accepted until May 25. Staff has not completed the project review as of this report.*

2018-015 Laurel Creek 2nd Addition, Rogers. *This is an erosion control review of the plans for another phase of the Laurel Creek project originally approved under review #2017-014. This addition is located southeast of Hackamore Road and Pinto Drive (CR116), immediately east of the First Addition, and will allow for the construction of approximately 72 new single-family homes and 64 townhome units, and rough grading for 20 lots in a future phase. Staff is reviewing the plans for an administrative approval and will provide an update at the May meeting if available.*

FINAL RECORDINGS ARE DUE ON THE FOLLOWING PROJECTS:

2015-030 Kiddiegarten Child Care Center, Maple Grove. Approved December 9, 2015. If the City does not take over the operation and maintenance of the underground system and the sump catch basins, an O&M agreement for the underground trench/pond system must be approved by the Commission and the City and recorded with the title.

2016-026 Faithbrook Church, Dayton. Approved August 10, 2016, with the stipulation that an approved O&M plan be recorded with the property within 90 days following final plat approval. Per his August 31, 2017 email, Jason Quisberg has indicated that construction is significantly complete, although some vegetation establishment remains. The City still has an escrow in place which will be held until the maintenance agreement is finalized and recorded. *The City reported on March 7, 2018, that their last communication with the applicant was on December 1, 2017. They sent another request on March 7.*

2016-052 The Woods at Rush Creek, Maple Grove. At their March 2017 meeting, the Commission approved Staff's findings and recommendations dated February 15, 2017. Outstanding items are the biofiltration pond, O & M plans, and recording.

2017-014 Laurel Creek, Rogers. At their June 14, 2017 meeting the Commission approved Staff findings dated June 13, 2017, in which they recommended approval of this project with four conditions. All contingency items have been provided with the exception of the O&M agreement which is being negotiated by the City as to whether the City or the HOA will be responsible for the operation and maintenance of the stormwater management facility. In his August 31, 2017 email, Andrew Simmons responded that the O&M agreement is still being negotiated.

2017-016 Territorial Woods, Maple Grove. Approved at the September 13, 2017 Commission meeting contingent upon receipt of an O & M agreement meeting the Commission's rules. The agreement was approved by the City and is in the process of being recorded.

2017-017 Mary Queen of Peace Catholic Church, Rogers. At their June 14, 2017 meeting the Commission granted Staff approval authority pending satisfactory compliance with Staff's findings dated June 16, 2017. All items from the findings have been completed with the exception of the O&M agreement for the stormwater facilities. In his August 31, 2017 email, Andrew Simmons responded that he has the O&M agreement in hand, just awaiting recordation.

2017-019 Medina Senior Community, Medina. This item was approved at the Commission's September 2017 meeting subject to conditions. All of the conditions have been met with the submission of revised plans, with the exception of the final recordings of the O&M agreements and easements. *On March 2, 2018, city staff reported that the applicant is anticipated to be recording documents and starting construction in the spring.*

2017-021 Hindu Society of MN, Maple Grove. At their June 14, 2017 meeting, the Commission approved this project per Staff's recommendations. All the recommendations have been met with the exception of the O&M plan agreements.

2017-029 Brayburn Trails, Dayton. At their August 2017 meeting the Commission approved Staff's findings dated August 2, 2017 with five conditions. All of the conditions have been met with the submission of revised plans, with the exception of the final recordings of the O&M agreements and easements. *On March 7, 2018, the City reported: Final plat approval has not been granted, easements will be recorded as plats are approved. Ponds will be maintained by the City of Dayton. An agreement, and additional easement, will be required for a water re-use system within one of the ponds (between the City and HOA). This system is not part of the first addition – the timing of said improvements/agreement is unknown. Construction is expected to start in 2018.*

2017-034 Plymouth Memory Care, Plymouth. This project was approved by the Commission at its September 2017 meeting subject to the receipt of an O&M agreement acceptable to the Commission. *On March 2, 2018, city staff reported that this project has not received final approval of plans from the City and they have not heard from the applicant in awhile.*

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

Italics indicates new information

indicates enclosure

2017-037 Corcoran L-80 Lift Station, Corcoran. Staff recommended the Commission approve this project contingent upon the project meeting the Commission wetland buffer requirements. This item was approved by the Executive Committee of the Commission in October 2017. Revised plans meet the Commission's buffer requirements with the exception of the final easement recordings. *On March 6, 2018, city staff informed the Commission that they are working with a land surveyor and will complete the recordations before construction is completed.*

2017-051 Mallard South 2nd Addition, Rogers. The Commission approved this project at their January 2018 meeting. The only remaining condition for final approval is the easement and O&M plan recordings on the bio-filtration basin.

2018-001 Rush Creek Commons, Maple Grove. Approved at the February 14, 2018 meeting contingent upon meeting the Commission's operation and maintenance requirements on the stormwater facilities, i.e., all ponds and biofiltration basins must have drainage and utility easements and operation and maintenance agreements over them. These must be recorded on the property title and a copy of the recordations must be provided to the Commission within 90 days after final plat approval.

LOCAL PLANS

Maple Grove Draft Surface Water Management Plan. Staff reviewed the City of Maple Grove's Draft Surface Water Management Plan dated January 2018 (received on January 26, 2018) for conformance with the Commission's 3rd Generation Watershed Management Plan and per MN Statutes 103B and Minnesota Rules 8410. Their comments were included in their letter to the City dated March 7, 2018. Of particular note was the fact that the City's lower-value wetland buffer requirements do not meet Commission standards..

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

Italics indicates new information

indicates enclosure

Minnesota Wetland Conservation Act

Notice of Decision

Local Government Unit (LGU) Elm Creek Watershed Management Commission	Address 3235 Fernbrook Ln N, Plymouth, MN 55447
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1. PROJECT INFORMATION

Applicant Name Brian & Lynda Whisney	Project Name Rush Creek Run Wetland Delineation	Date of Application March 15, 2017	Application Number 2018-011 2017-049W
<input checked="" type="checkbox"/> Attach site locator map.			

Type of Decision:

<input checked="" type="checkbox"/> Wetland Boundary or Type	<input type="checkbox"/> No-Loss	<input type="checkbox"/> Exemption	<input type="checkbox"/> Sequencing
<input type="checkbox"/> Replacement Plan	<input type="checkbox"/> Banking Plan		

Technical Evaluation Panel Findings and Recommendation (if any):

<input type="checkbox"/> Approve	<input type="checkbox"/> Approve with conditions	<input type="checkbox"/> Deny
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2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: May 2, 2018		
<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Approved with conditions (include below)	<input type="checkbox"/> Denied

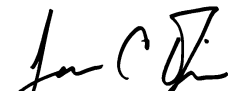
LGU Findings and Conclusions (attach additional sheets as necessary):

This is a 65 acre site delineated on October 4, 2017. It is located in Sections 28 & 29, Township 119 North, Range 23 West, Corcoran (Hennepin County PID 28-119-23-22-0003). Wetlands were identified using the Routine Determination method described in the Corps of Engineers Wetlands Delineation Manual (Waterways Experiment Station, 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0). Areas in agricultural cropland that exhibited potential wetland signatures on aerial photography and with low or depressional topography were reviewed following methods described in Guidance for Offsite Hydrology/Wetland Determination (Minnesota Board of Water and Soil Resources (BWSR) and USACE 2017) and Guidance for Submittal of Delineation Reports to the St. Paul District Corps of Engineers and Wetland Conservation Act Local Governmental Units in Minnesota, Version 2.0 (USACE 2015). Five (5) wetlands were delineated within the site boundary using these two methods.

A site inspection by the LGU and delineator verified the accuracy of wetland delineation boundaries and types as provided in the wetland delineation report for Rolling Hills Road dated January 9, 2018 by Kjolhaug Environmental Services Co.

Wetlands may not be impacted until all applicable conditions have been met!

LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.		
Name James C Kujawa	Title Technical Advisor to the LGU	
Signature 	Date May 2, 2018	Phone Number and E-mail 612-348-7338 James.Kujawa@hennepin.us

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT.

Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.

Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

3. APPEAL OF THIS DECISION

Pursuant to MN Rule 8420.0905, any appeal of this decision can only be commenced by mailing a petition for appeal, including applicable fee, within thirty (30) calendar days of the date of the mailing of this Notice to the following as indicated:

Check one:

<input checked="" type="checkbox"/> Appeal of an LGU staff decision. Send petition and \$0 fee (if applicable) to: Elm Creek Watershed Management Commission 3235 Fernbrook Ln N Plymouth, MN 55447	<input type="checkbox"/> Appeal of LGU governing body decision. Send petition and \$500 filing fee to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155
--	---

4. LIST OF ADDRESSEES

<input checked="" type="checkbox"/> SWCD TEP member: (email only) Stacey. Lijewski@co.hennepin.mn.us <input checked="" type="checkbox"/> BWSR TEP member: (email only) Ben Carlson (ben.carlson@state.mn.us). <input type="checkbox"/> LGU TEP member (if different than LGU Contact): <input type="checkbox"/> DNR TEP member: <input checked="" type="checkbox"/> DNR Regional Office (email only) Becky.Horton@state.mn.us <input type="checkbox"/> WD or WMO (if applicable): <input checked="" type="checkbox"/> Applicant: (email only) bjwhisney@gmail.com <input checked="" type="checkbox"/> City of Corcoran: Brad Marten bmartens@ci.corcoran.mn.us <input checked="" type="checkbox"/> Members of the public who requested notice (notice only) Kjolhaug Env., Andrew@kjolhaugenv.com <input checked="" type="checkbox"/> Corps of Engineers Project Manager (notice only) Melissa.M.Jenny@usace.army.mil <input type="checkbox"/> BWSR Wetland Bank Coordinator (wetland bank plan applications only)

6. ATTACHMENTS

In addition to the site locator map, list any other attachments: <input checked="" type="checkbox"/> Location Map <input checked="" type="checkbox"/> Parcel Area with Delineation boundaries <input type="checkbox"/>

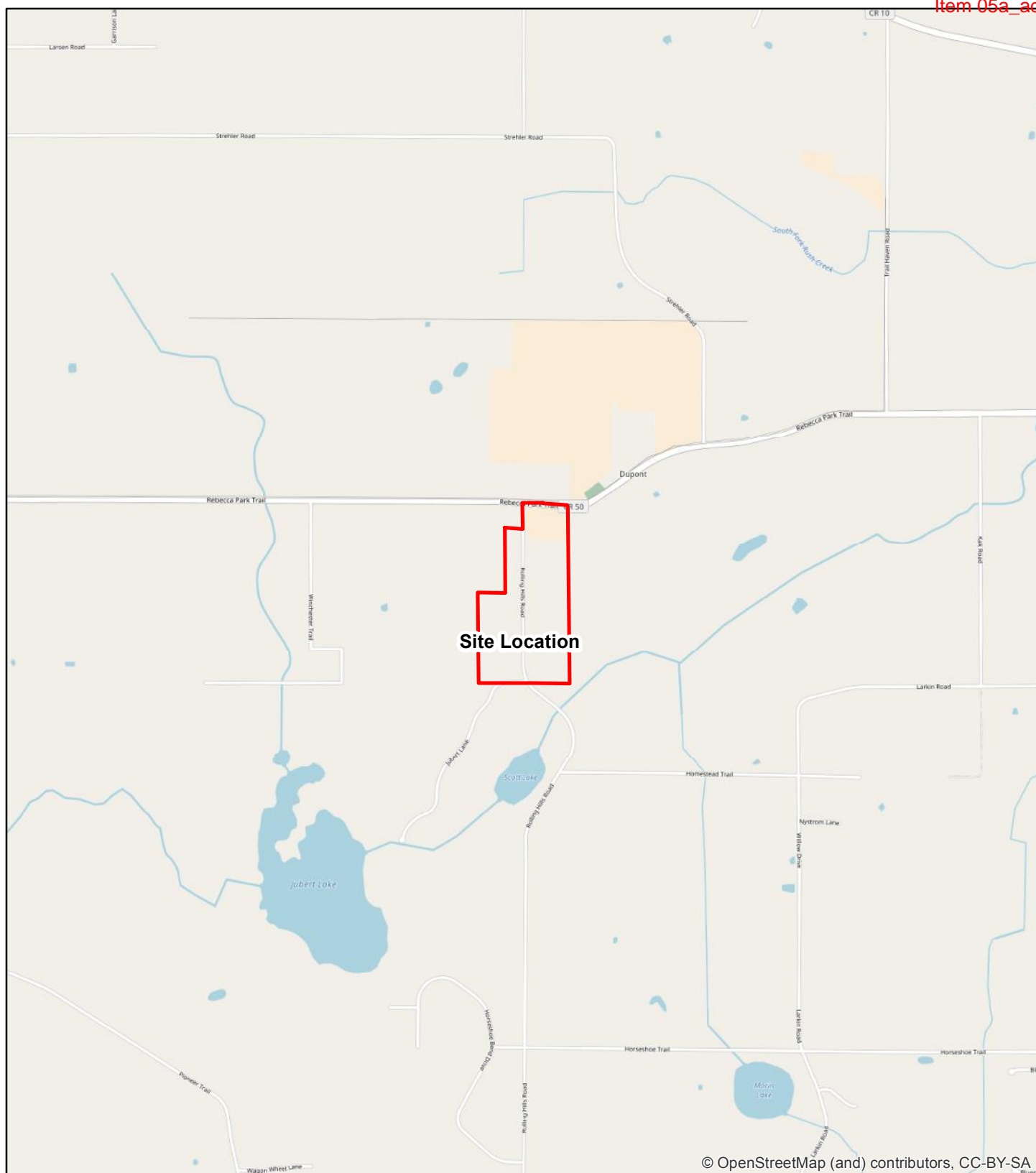


Figure 1 - Site Location



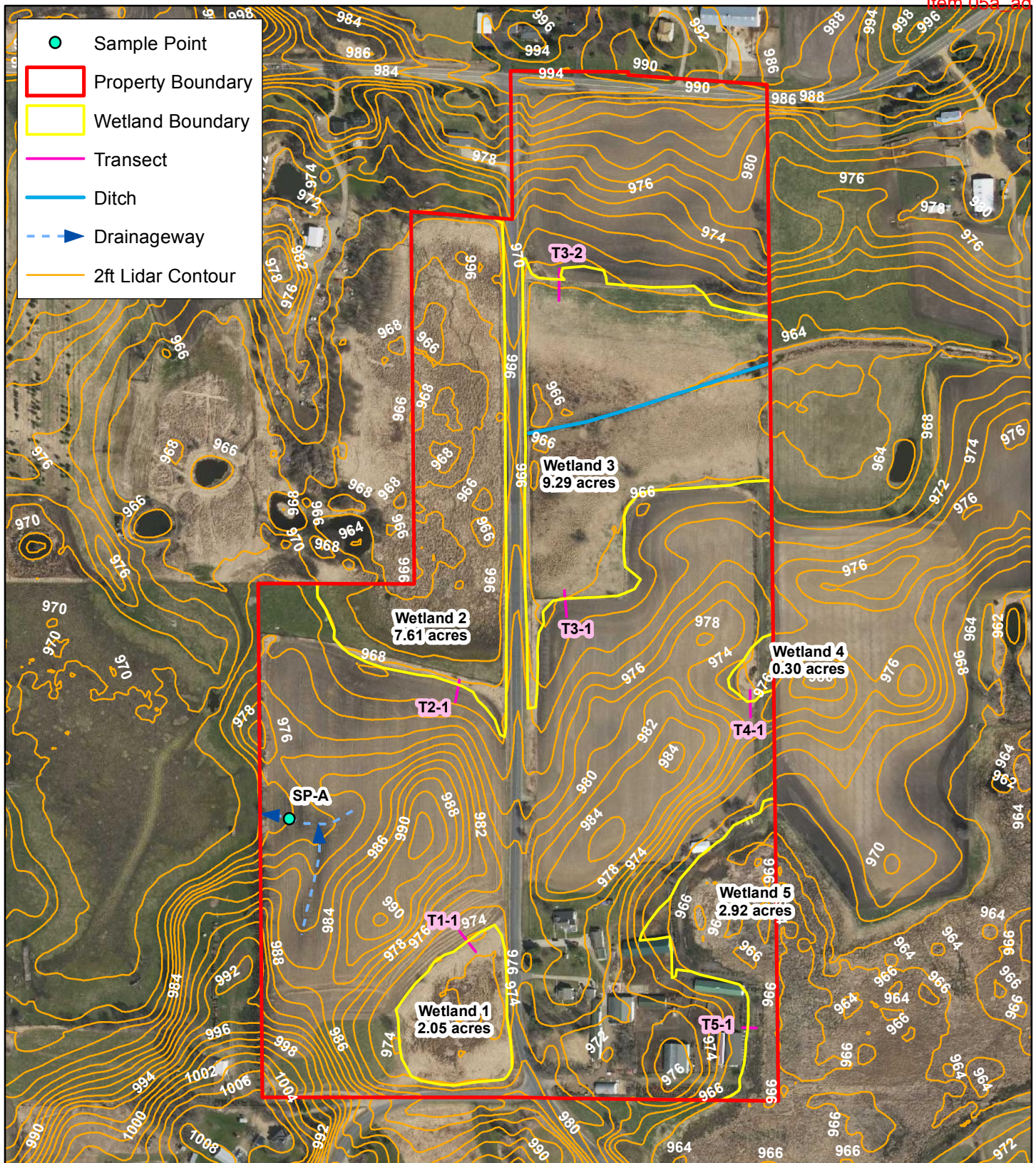


Figure 2 - Existing Conditions



KJØLHAUG ENVIRONMENTAL SERVICES COMPANY

Source: MnGeo, ESRI Imagery Basemap

N



0 350 Feet



Rolling Hills Road (KES 2017-178)
Corcoran, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

elm creek

Watershed Management Commission

Item 05a_aq

ADMINISTRATIVE OFFICE
3235 Fernbrook Lane
Plymouth, MN 55447
PH: 763.553.1144
E-mail: judie@jass.biz

TECHNICAL OFFICE
Hennepin County Public Works
Department of Environment and Energy
701 Fourth Ave. South, Suite 700
Minneapolis, MN 55415
PH: 612.348.7338
E-mail: james.kujawa@hennepin.us

Rush Creek Run **Corcoran, Project #2018-011**

Project Overview: This is an existing 65 acre agricultural parcel with a farmstead located on Rolling Hills Road just south of County Road 50 in Corcoran. The landowner is proposing to subdivide the property into 6 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 Rule D, Stormwater Management, Rule F, Floodplain Alterations, Rule G, Wetland Alteration, and Rule I, Buffer Strips.

Applicant: Brian and Lynda Whisney, 4239 Queens Way, Minnetonka, MN 55345. Phone: 612-741-6819. Email: bjwhisney@gmail.com

Agent: Andrew Krinke, Kjolhaug Environmental Services, 2500 Shadywood Road, Suite 130, Orono, MN 55345. Phone: 952-401-8757. Email: Andrew@kjolhaugenv.com

Exhibits:

- 1) ECWMC Request for Plan Review and Approval and fee, received March 15, 2018.
- 2) Rolling Hills Road Wetland Delineation Report by Kjolhaug Environmental dated January 9, 2018.
- 3) Rush Creek Run Preliminary Plat by Otto Associates, dated October 2, 2017, last revision date of April 10, 2018.
- 4) Rush Creek Run, Existing Drainage Map, no date or author.
- 5) Grading Exhibit for Lot 2, Block 2, Rush Creek Run by Otto Associates, dated February 9, 2018, last revision date of April 4, 2018. .
- 6) Preliminary Review email from ECWMC (James Kujawa) to City of Corcoran (Michael Prichard) dated January 23, 2018.
- 7) MN WCA notice of wetland delineation application by ECWMC dated March 30, 2018.
- 8) Upland Buffer Area Planting, Maintenance and Monitoring Plan and narrative, received April 10, 2018.
- 9) Alternative Wetland Protection Plan-Roof Gutter plans to mitigate existing building encroachments into wetland buffers. Received April 11, 2018 from applicant.

Findings:

- 1) A complete application (including City authorization) to review was received March 16, 2018. The initial 60-day review period for a project decision, per MN Statute 15.99, expires May 15, 2018.

- 2) No grading or site disturbance is proposed except for the access drive to Lot 2, block 2 where floodplain and wetland fill will occur. Pre and post development drainage patterns will remain the same.
- 3) Stormwater Management (Rule D). No stormwater ponding or specific management efforts are proposed for the site. Staff determined the site will meet the Commission's stormwater management criteria based on the following information;
 - a. Rate Controls meet the Commission standard; Pre development land use is approximately 30 acres of cropland, 6.7 acres farmstead/feedlot and 28 acres of wetlands/woods/grassland. Post development land use is based on 9% impervious cover (6 sites w/ 20,000 sq. ft. impervious area per site)
 - i. Pre-development for the 2, 10 and 100 year runoff rates = 48.3, 100.5 and 225.7 cfs respectively.
 - ii. Post-development for the 2, 10 and 100 year runoff rates = 36.8, 84.8 and 205.5 cfs respectively.
 - b. Volume controls meet the Commission standard; Staff felt volume controls were not necessary for this site based on the following passive BMP's;
 - i. Runoff from proposed home siting's have to travel over permanent grass areas at least 100' before the water entered any wetland buffer, channel or ditch.
 - ii. Permanent vegetative buffers of 25' are being established around all wetlands on the site.
 - iii. No public roads are being proposed, only individual driveway access from existing roads is planned.
 - iv. Upland areas for each lot are between 4.4 and 7 acres. Total impervious area will be 9% for the upland areas.
 - c. Water Quality Controls meet the Commission standard: Total Phosphorus/Total Suspended Solids (Tp/TSS) are as follows:
 - i. Pre-development Tp/TSS = 44.8/3073 lbs/year,
 - ii. Post-development Tp/TSS = 11.9/1493 lbs/year.
- 4) Wetlands (Rule G).
 - a. A complete delineation report was submitted for Commission review and approval on February 6, 2018.
 - i. Staff has met on site with the delineator in November 2017 to review the wetland boundaries. Some areas were revised as shown on the final report. The report will be noticed and approved per WCA procedures.
 - ii. An access drive to Lot 2, Block 2 is proposed to fill 774 sq. ft. of wetland. Prior to this work being done, an approved wetland replacement plan, exemption, or no-loss determination must be obtained from the ECWMC.
- 5) Buffers (Rule I)
 - a. All wetland areas are proposed to be protected by 10 foot minimum and 25 foot average buffers with monumentation per the Commission requirements.
 - b. The existing farmstead has five structures within the proposed buffer on Lot 4, Block 2. The buffer rules do not allow for these to remain without additional provisions from the applicant. The applicant requests approval of the encroachments based on Rule I 6, Alternate Wetland Protection Methods.

- i. Where any building is within the 10 foot minimum setback, the applicant is proposing rain gutters installed on said buildings, directing all the water from the roofs to the west, uphill of the wetland buffer area.
 - ii. Buffer averaging for these areas is offset by an additional buffer area in the NW corner of the plat. Areas of encroachment and less than 25' buffer = 1,133 sq. ft. Area of additional buffer = 1,875 sq. ft.
 - c. Where the wetland buffer strip does not have acceptable natural vegetation, the applicant provided a buffer area planting, maintenance and monitoring plan acceptable to staff. It provides;
 - i. Site preparation and seeding details and a three year vegetation maintenance and monitoring plan.
- 6) Floodplains (Rule F)
- a. Floodplain elevation for the southeasterly wetland basin (Rush Creek Floodplain) is 967.0 (1929 NGVD) from the Elm Creek study and 965.0 from the FEMA study. We use the higher elevation of 967.0 for the BFE. (approximately 967.3 1988 NAVD)
 - b. The large wetland basin in the north area of this site is identified as upland flood storage basin #9 in the ECWMC Stormwater management plan. The 100 year elevation on that basin was modeled at 968.7 (approximately 969.0 1988 NAVD)
 - c. Driveway construction for access to Lot 2, Block 2 will fill approximately 113 cubic yards of floodplain volume. Mitigation for an equal amount is proposed adjacent to the fill area and will be covered by a drainage and utility easement. This is acceptable per Commission standards.

Recommendation: Project approval. Prior to construction of the access road to Lot 2, Block 2 an approved wetland replacement plan, exemption, or no-loss determination must be obtained from the Local Government Unit (LGU) in charge of administering the MN Wetland Conservation Act.

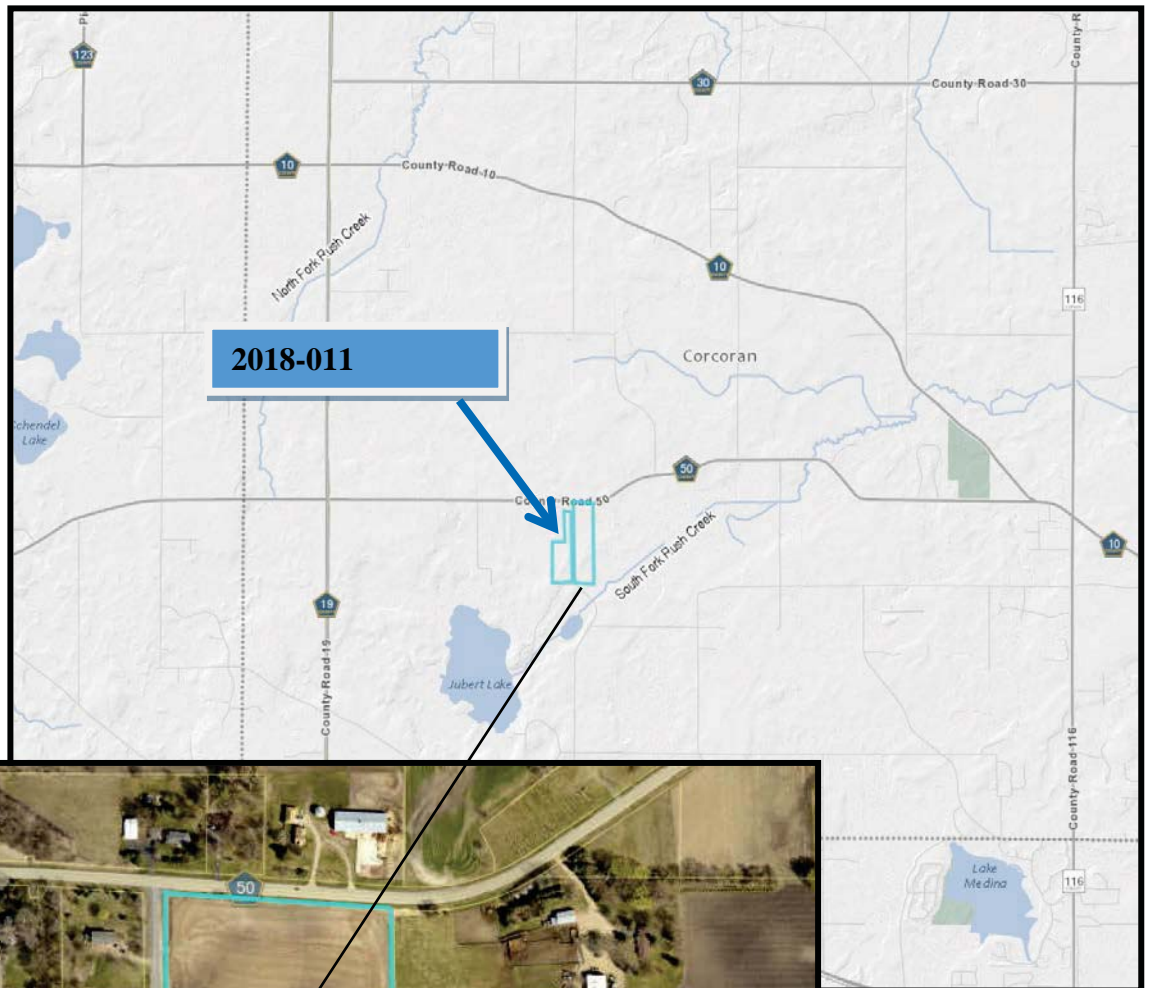
Hennepin County
Department of Environment and Energy
Advisor to the Commission

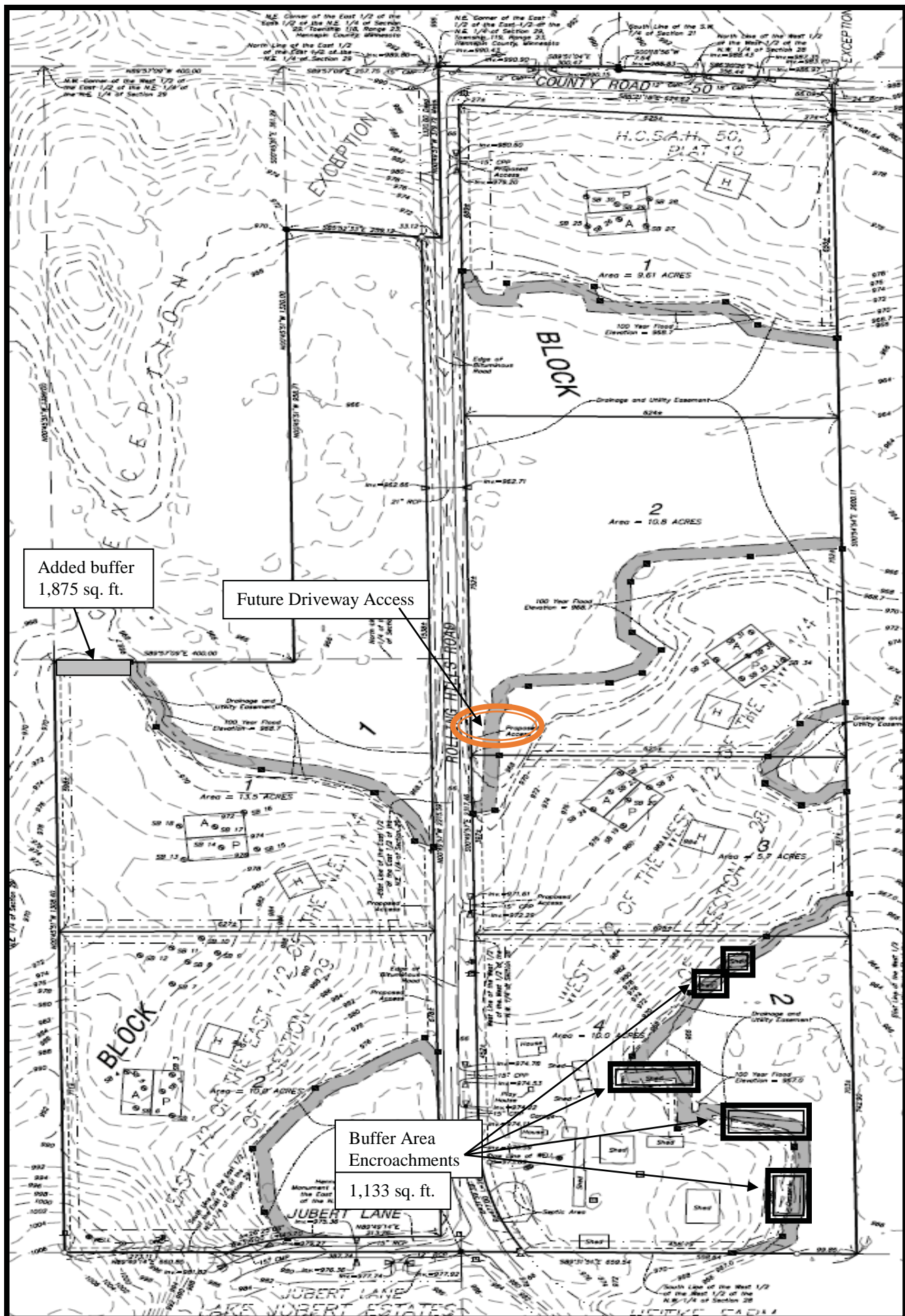


April 18, 2018
Date

Rush Creek Run, Corcoran
2018-011
April 18, 2018

Item 05a_aq





**Memorandum**

To: Judie Anderson, JASS
From: Derek Asche, Water Resources Manager
Date: April 20, 2018
Item: The Meadows Playfield – Plymouth

The City of Plymouth is reviewing options for a new playfield, The Meadows, in the southwest corner of the intersection of Peony Lane and County Road 47 in Plymouth. 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, we 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.

I am inquiring to see if the watershed has any interested in partnering on improvements to the site either through grant funding or capital improvements and if the watershed has any thoughts on innovative best management practices.

A concept plan is attached for your reference and we would be happy to meet at your convenience.

From: Diane F. Spector [mailto:dspector@wenck.com]
Sent: Thursday, May 03, 2018 10:44 AM
To: Jim Kujawa
Cc: Judie Anderson
Subject: FW: Looking for Interested Partners! 319 Small Watersheds Focus Program

Hi Jim:

Below is the 319 announcement that came out today. Jeff Strom has chatted about it with some folks from the PCA. It may be a good fit for Elm. You could submit for the Rush Creek Headwaters, or maybe you could submit for all the rural residential/agricultural areas in the watershed as headwaters areas that share similar characteristics and rely on non-urban BMPs.

Also, I would recommend that the Commission think about submitting another SWA to the CWF Accelerated Implementation program as it sound like from BWSR staff that this may be the last year it is offered.

Diane Spector
Senior Water Resources Planner / Principal [http://www.wenck.com/logos/WENCK-Email.jpg]
dspector@wenck.com<mailto:dspector@wenck.com> | D 763.252.6880 | C 612.868.5515
7500 Olson Memorial Highway | Suite 300 | Golden Valley, MN 55427

From: Minnesota Pollution Control Agency <mpca@public.govdelivery.com>
Sent: Thursday, May 03, 2018 9:02 AM
To: Diane F. Spector <dspector@wenck.com>
Subject: Looking for Interested Partners! 319 Small Watersheds Focus Program

Having trouble viewing this email? View it as a Web page<http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTgwNTAzLjg5MzAzMjkxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE4MDUwMy44OTMwMzI5MSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3MzIzNzE3JmVtYWlsaWQ9ZHNwZWNOb3JAd2VuY2suY29tJnVzZXJpZD1kc3BIY3RvcKB3ZW5jay5jb20mZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlKPSYmJg==&&100&&https://content.govdelivery.com/accounts/MNPCA/bulletins/1edab45>.

Would you like the time, funding, and focus needed to achieve the water quality goals for a waterbody that is important to you, your neighbors, and the state?

The new 319 Small Watersheds Focus Program is looking for interested watersheds to partner with the Minnesota Pollution Control Agency (MPCA) in developing a long-term roadmap to support comprehensive implementation on a small-scale watershed.

Eligible applicants are public and private entities, including local governmental units such as soil and water conservation districts, watershed districts, watershed management organizations,

tribal authorities, cities, counties, regional development centers, local school systems, colleges and universities, local nonprofit organizations, state agencies, organizations established by joint powers agreements, and for-profit groups and individuals interested in leading a NPS project.

The MPCA is beginning a pilot of ten small watersheds to develop a detailed Focus Grant Plan following the EPA's Handbook for developing watershed plans to restore and protect our waters<<http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTlwMTgwNTAzLjg5MzAzMjkxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE4MDUwMy44OTMwMzI5MSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3MzIzNzE3JmVtYWlsaWQ9ZHNwZWNOB3JAd2VuY2suY29tJnVzZXJpZD1kc3BIY3RvckB3ZW5jay5jb20mZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUIkPSYmJg==&&101&&&https://www.epa.gov/nps/handbook-developing-watershed-plans-restore-and-protect-our-waters>>.

The selected watersheds (Focus Watersheds) will be prioritized to receive four, four-year grant awards that will span a total of 16 years. These funds will be used 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.

For complete information, please see our website at <https://www.pca.state.mn.us/water/section-319-small-watersheds-focus><<http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTlwMTgwNTAzLjg5MzAzMjkxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE4MDUwMy44OTMwMzI5MSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3MzIzNzE3JmVtYWlsaWQ9ZHNwZWNOB3JAd2VuY2suY29tJnVzZXJpZD1kc3BIY3RvckB3ZW5jay5jb20mZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUIkPSYmJg==&&102&&&https://www.pca.state.mn.us/water/section-319-small-watersheds-focus>>.

If you have questions, please contact Cindy Penny at 651-757-2099 or cynthia.penny@state.mn.us<<mailto:cynthia.penny@state.mn.us>> or Greg Johnson at 651-757-2471 or gregory.johnson@state.mn.us<<mailto:gregory.johnson@state.mn.us>>.

* To be considered for Section 319 funding, the project sponsor, must have a Federal Identification Number. Entities or individuals that are currently suspended or debarred by the state of Minnesota and/or the federal government are ineligible applicants.

This email was sent to dspector@wenck.com using GovDelivery Communications Cloud on behalf of: Minnesota Pollution Control Agency
520 Lafayette Road North * Saint Paul, MN 55155 * 1-800-439-1420