

# elm creek Watershed Management Commission

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July 2, 2019

Representatives  
Elm Creek Watershed Management  
Commission Hennepin County, MN

*The meeting packets for these meetings may  
be found on the Commission's website:  
<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, July 10, 2019, at 11:30 a.m.** in the Mayor's Conference Room at Maple Grove City Hall, 12800 Arbor Lakes Parkway, Maple Grove, MN.

The **Technical Advisory Committee (TAC)** will meet at 10:00 a.m., prior to the regular meeting. TAC meeting materials may also be found on the Commission's website.

Please email me at [judie@jass.biz](mailto:judie@jass.biz) to confirm whether you or your Alternate will be attending the TAC and the regular meetings.

Thank you.

Regards,



Judie A. Anderson

Administrator

JAA:tim

Encls: Meeting Packet

cc:	Alternates	HCEE	Jeff Weiss	BWSR
	TAC Members	TRPD	Diane Spector	DNR
	City Clerks	MPCA	Met Council	Official Newspaper

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## AGENDA Regular Meeting July 10, 2019

1. Call Regular Meeting to Order.
  - a. Approve Agenda.\*
2. Consent Agenda.
  - a. Minutes last Meeting.\*
  - b. Treasurer's Report and Claims.\*
3. Open Forum.
4. Action Items.
  - a. Project Reviews – see Status Report.\*
    - 10.m. 2019-015 Timbers Edge, Plymouth.\*
    - 10.n. 2019-016 Rogers Retail Development, Rogers.\*
    - 10.q. 2019-019 Primrose, Rogers.\*
  - b. Hennepin County Cooperative Agreement.\*
  - c. Recommendations from the TAC.
5. Old Business.
  - a. Jason Swenson Resignation.\*
  - b. FEMA Floodplain Mapping.\*\*
  - c. Commissioner Handbooks.\*\*
6. New Business.
  - a. Diamond Lake SWA.\*
7. Communications.
8. Education.
  - a. Ten Things Brochures.\*\*
  - b. WMWA - Update.\*\*
9. Grant Opportunities and Updates.
  - a. North Fork Rush Creek SWA Grant Program – Update.\*
  - b. Fish Lake Alum Treatment – Update.
  - c. BWSR Clean Water Fund Competitive Grants.\*

*The meeting packet may be found on the Commission's website: <http://elmcreekwatershed.org/minutes--meeting-packets.html>*

\*in meeting packet  
\*\*available at meeting or on website

**10. Project Reviews. (See Staff Report.\*)**

Report No.					Project No.	Project Name
ag				AR	2013-046	Woods of Medina, Medina.
ah.				AR	2014-015	Rogers Drive Extension, Rogers.
a.					2015-004	Kinghorn Outlet A, Rogers.
ai.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
aj.				AR	2016-002	The Markets at Rush Creek, Maple Grove.
ak.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
b.					2016-040	Kinghorn 4 <sup>th</sup> Addition, Rogers.
c.					2016-047	Hy-Vee North, Maple Grove.
al.				AR	2017-014	Laurel Creek, Rogers.
am.				AR	2017-017	Mary Queen of Peace Catholic Church, Rogers.
an.				AR	2017-029	Brayburn Trails, Dayton.
d.					2017-039	Rush Creek Apartments, Maple Grove.
e.					2017-050W	Ernie Mayer Wetland/floodplain violation, Corcoran.
f.					2018-014	Refuge at Rush Creek, Corcoran.
ao.				AR	2018-018	Summers Edge Phase II, Plymouth.
g.					2018-020	North 101 Storage, Rogers.
h.			R		2018-021	113th Lane Extension/Brockton/101, Rogers.
ap.				AR	2018-026	Windrose, Maple Grove.
aq,				AR	2018-028	Tricare Third Addition, Maple Grove.
i.					2018-038	Vincent Woods of Roger.
ar.				AR	2018-044	OSI Phase II, Medina.
j.					2018-046	Graco, Rogers
as				AR	2018-048	Faithbrook Church Phase 2, Dayton.
k.					2019-001	Fernbrook View Apartments, Maple Grove.
at.					2019-002	Parkside Villas, Champlin.
l.			R		2019-013	Boston Scientific Parking Lot Expansion, Maple Grove.
m.	A	E			2019+015	Timbers Edge, Plymouth.
n.	A	E			2019-016	Rogers Retail Development, Rogers.
o.			R		2019-017	French Lake Industrial Park, Dayton.
p.		E			2019-018	Peony Lake Trailhead, Plymouth.
q.	A	E			2019-019	Primrose, Rogers.
r.		E			2019-020	CSAH 50 and CSAH 10 Culvert Replacement, Corcoran.
s.					2019-021	Brenly Meadows, Rogers.
t.					2019-022	Comlink Midwest, Corcoran.

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

**11. Other Business.**

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\*in meeting packet  
\*\*available at meeting or on website

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## Regular Meeting Minutes June 12, 2019

I. A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:32 a.m., Wednesday, June 12, 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; James Kujawa, Jason Swenson, and Karen Galles, Hennepin County Dept. of Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Jeff Weiss, Barr Engineering; and Judie Anderson, JASS.

Not represented: Rogers.

Also present: Todd Tuominen, Champlin; Kevin Mattson, Corcoran; Sarah Nalven, Wenck Associates, Dayton; Derek Asche and Mark Lahtinen, Maple Grove; Catherine Cesnik, Ben Scharenbroich, and Alex Larson, Plymouth; Mike St. Martin and John Tracy, Loucks Inc. for Item III.A; and Mark Anderson, Sambatek, for Item III.B.

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

B. Motion by Moore, second by Weir to approve the **minutes\*** of the May 8, 2019 regular and public meetings with the following correction to Item IV.E.:

In order to maintain a positive unrestricted/unassigned fund balance it is necessary to reassign \$50,000 from the Projects Ineligible for Ad Valorem funding account to the General Fund in the 2019 budget.

*Motion carried unanimously.*

C. Motion by Walraven, second by Moore to approve the June **Treasurer's Report and Claims\*** totaling \$11,859.25. *Motion carried unanimously.*

## II. Open Forum.

## III. Action Items.

A. **Project Review 2019-013 Boston Scientific Parking Lot Expansion, Maple Grove.\*** The applicant is proposing to reconfigure a portion of their parking lot and add additional parking stalls, thereby increasing their impervious footprint by 1.18 acres. This will trigger Commission Rules D and E. In their findings dated May 13, 2019, Staff recommends approval of the site plans. Motion by Guenther, second by Walraven to approve Staff's recommendation. *Motion carried unanimously.*

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

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

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

## elm creek Watershed Management Commission

Regular Meeting Minutes – June 12, 2019

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**B. Project Review 2019-017 French Lake Industrial Park, Dayton.\*** A new site plan was submitted for review based on the Commission's approval of project 2015-011. Based on the 2015-011 review, unless there are substantive changes to the grading or stormwater, no additional review by the Commission would be necessary. Site plans provided by the applicant indicated enough changes to the original stormwater management plan that a new application for review and approval was required. In their findings dated June 11, 2019, Staff recommends approval of the interim phase of this project conditioned that a more detailed erosion control plan to ensure compliance with the Commission's standards be provided. An acceptable E&SC plan has been provided. Motion by Weir, second by Walraven to approve project 2019-017. *Motion carried unanimously.* A copy the findings from project 2015-011\* were also included in the meeting packet for reference.

**C. 2020 Operating Budget.\*** At last month's meeting Moore provided an overview of the proposed 2020 operating budget. Operating expenses total \$986,893, including \$423,323 for CIPS, special projects and studies, and \$125,000 for grant expense. Member dues total \$237,300. In order to maintain a positive unrestricted/unassigned fund balance the Commission voted at the May meeting to reassign \$50,000 from the Projects Ineligible for Ad Valorem funding account to the General Fund in the 2019 budget. Motion by Moore, second by Weir to approve the 2020 Operating Budget as proposed. *Motion carried unanimously.*

Motion by Moore, second by Walraven to approve the member assessments\* as presented. *Motion carried unanimously.*

**D.** Included in the meeting packet was the proposed **2019 Cooperative Agreement\*** with Hennepin County Environment and Energy Department. Galles explained the various elements of the agreement. It was agreed by consensus to convene a subcommittee to further discuss the agreement. A subcommittee, comprised of Guenther, Moore, Baines, Asche, Tuominen, Galles, and Anderson, will meet on July 26.

### IV. Watershed Management Plan.

**A.** One **local plan** remains to be approved by the Commission. Rogers' 2040 Comprehensive Plan was received by the Commission on January 2, 2019. Staff comments have been provided to the City.

**B.** Included in the meeting packet was a copy of a letter\* from the City of Medina regarding the inclusion of the purchase of an enhanced street sweeper in the Minor Plan Amendment approved at the Public Meeting last month. The letter contained a number of questions regarding this item. The letter will be referred to the Technical Advisory Committee. *(Also see V.C., below.)*

**C.** Also included in the packet is a copy of a letter to Hennepin County informing them of the Commission's estimated maximum **2019 special projects levy\*** of \$448,935. *[Baines will attend a meeting of a Committee of the County Board on June 25 to answer questions regarding the Commission's levy request and plan amendment.]*

**D.** As requested at the May meeting, a copy of the Commission's **Closed Project Account Policy\*** is also included in the packet.

### V. Old Business.

**A.** The Commission's policies and procedures are being reviewed. As part of that process, the **Comissioner Handbook** will be revised and updated. Staff presented a draft of the table of contents for the revised handbook. The Commissioners suggested other topics for inclusion. Staff will bring sections of the updated handbook to future meetings.

## elm creek Watershed Management Commission

Regular Meeting Minutes – June 12, 2019

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**B.** The 2019 Operating Budget includes \$760 to monitor one lake as part of **Metropolitan Council's Citizen-Assisted Monitoring Program (CAMP)**. That lake and a volunteer have yet to be identified.

**C.** Included in the meeting packet was a copy of a Shingle Creek/West Mississippi Commissions' Staff Memo regarding Language for incorporation into a **CIP Capital Equipment Policy**.\* This topic and the memo will be referred to the Technical Advisory Committee.

### VI. Water Quality.

**A. FEMA Floodplain Mapping.** Swenson reported that hydrologic modeling work and supporting GIS work has continued over the past month. A submittal to the Minnesota DNR is imminent, triggering review and concurrence with the modeling and results. Hydraulic modeling will begin after this submittal is made.

**B. Rush Creek Subwatershed Assessment Implementation.** The Hennepin County Board signed the grant agreement on March 12, 2019. Staff are making site visits and completing designs on five manure management projects, two in Corcoran and three in Rogers. Additional site visits are pending for seven landowners.

**C. Buffer review** is underway for Corcoran, Medina, and Rogers. Residents with potential violations and those residents who are receiving spot checks (unrelated to violations) will be notified by US Mail. Those residents who DO NOT have any violation or will not be getting a spot check will NOT be notified in any way. Hennepin staff will work with those residents needing assistance to get into compliance. The State has requested a list of non-compliant parcels this year even if Hennepin staff are still working with them – violation corrections are being accelerated this round.

### VII. New Business.

### VIII. Education and Public Outreach - West Metro Water Alliance (WMWA).

**A.** The **next WMWA meeting** is scheduled for 8:30 a.m., Tuesday, July 9, 2019, at Plymouth City Hall.

**B.** The **Ten Things You Can Do** brochure is available. Commissioners can request copies from Staff.

**C.** A flyer describing the **Rogers Buckthorn Event**,\* is included in the packet.

### IX. Communications.

**A.** Vlach reported that the **second alum treatment for Fish Lake** is scheduled for mid-July.

**B.** Tuominen reported that the **Mill Pond Citizen Science Event** is being held June 22, 2019 at Doris Kemp Park. The City's Mill Pond Restoration Project Managers and DNR Fish & Wildlife professionals will be presenting information on future fish populations and proposed stocking, wildlife management initiatives and opportunities for project studies for students and adults. Hands-on interactive activities will include fish research and migratory bird counting.

**C.** Scharenbroich reported that the **Elm Creek Stream Restoration project** is nearing completion. **He will make a presentation of the project at the June meeting.**

**D.** Galles reported that the state has approved funding of a program, "**Lawns to Legumes**," a program for residents to seed their lawns with a bee lawn mix. The program is targeting habitat for the Rusty-patched bumblebee, an endangered species. BWSR will run the program and decide how grants will be issued. The funding will come to Hennepin County as a Conservation District, likely late 2019, to hopefully roll out to residents in the spring and summer of 2020.

RULE D - STORMWATER MANAGEMENT  
RULE E - EROSION AND SEDIMENT CONTROL  
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RULE H - BRIDGE AND CULVERT CROSSINGS  
RULE I - BUFFERS

**elm creek Watershed Management Commission**

Regular Meeting Minutes – June 12, 2019

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**X. Other Business.**

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

1. 2013-046 Woods of Medina, Medina.
2. 2014-015 Rogers Drive Extension, Rogers.
3. 2015-004 Kinghorn Outlet A, Rogers.
4. 2015-030 Kiddiegarten Child Care Center, Maple Grove.
5. 2016-002 The Markets at Rush Creek, Maple Grove.
6. 2016-005W Ravinia Wetland Bank, Corcoran.
7. 2016-040 Kinghorn 4th Addition, Rogers
8. 2016-047 Hy-Vee Maple Grove #1, Maple Grove.
9. 2017-014 Laurel Creek, Rogers.
10. 2017-017 Mary Queen of Peace Catholic Church, Rogers
11. 2017-029 Brayburn Trails, Dayton.
12. 2017-039 Rush Creek Apartments, Maple Grove.
13. 2017-050W Ernie Mayer Wetland/floodplain violation, Corcoran.
14. 2018-014 Refuge at Rush Creek, Corcoran.
15. 2018-018 Summers Edge Phase III, Plymouth.
16. 2018-020 North 101 Storage, Rogers.
17. 2018-021 113th Lane Extension, Brockton Lane/CSAH101 Intersection, Rogers.
18. 2018-026 Windrose, Maple Grove.
19. 2018-028 Tricare Third Addition, Maple Grove.
20. 2018-038 Vincent Woods, Rogers.
21. 2018-044 OSI Phase II, Medina.
22. 2018-046 Graco Expansion, Rogers.
23. 2018-048 Faithbrook Church, Phase 2, Dayton.
24. 2019-001 Fernbrook View Apartments, Maple Grove.
25. 2019-002 Parkside Villas, Champlin.
26. 2019-007 Westin Ridge, Plymouth.
27. 2019-009 Beacon Ridge, Plymouth.
28. 2019-010 Hindu Temple Solar Array, Maple Grove.
29. 2019-011 Ravinia 11th Addition, Corcoran.\*
30. 2019-012 Brockton Lane Reconstruction, Plymouth.
31. 2019-013 Boston Scientific Parking Expansion, Maple Grove.
32. 2019-014 Bellwether 2nd Addition, Corcoran.\*
33. 2019-015 Timber's Edge, Plymouth.
34. 2019-016 Rogers Retail Development, Rogers.
35. 2019-017 French Lake Industrial Park, Dayton.\*
36. 2019-018 Peony Lane Trail, Plymouth.
37. 2019-019 Primrose, Rogers.

**B. Adjournment.** There being no further business, the meeting was adjourned at 12:54 p.m.

Respectfully submitted,



Judie A. Anderson/Recording Secretary

JAA:tim

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RULE D - STORMWATER MANAGEMENT  
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 RULE H - BRIDGE AND CULVERT CROSSINGS  
 RULE I - BUFFERS

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

## Elm Creek Watershed Management Commission 2019 Treasurer's Report

		2019 Budget	June 2019	July 2019	2019 Budget YTD
<b>EXPENSES</b>					
Administrative		90,000	7,093.71	7,587.76	49,500.67
Watershed-wide TMDL Admin		1,500			0.00
Grant Writing		4,000			0.00
Website		5,000	75.00	25.20	405.00
Legal		2,000		31.00	170.50
Audit		5,000			0.00
Insurance		3,900			2,865.00
Miscellaneous/Contingency		1,000			0.00
Project Reviews	HCEE	97,400			23,273.68
Project Reviews	Consult	15,000	2,239.50	3,105.50	10,616.00
Project Reviews	Admin	15,000	824.82	492.13	4,128.47
WCA-Technical	HCEE	18,200			1,715.66
WCA	Legal	500			31.00
WCA	Admin	2,000			367.85
Floodplain Mapping	Technical	46,386			16,046.98
Stream Monitoring USGS		41,000			10,420.00
Stream Monitoring TRPD		6,875			0.00
TMDL Follow-up - TRPD		2,500			0.00
Rain Gauge		250	16.63	18.79	99.69
Rain Gauge Network		100			0.00
Lakes Monitoring - CAMP		760			0.00
Lakes Monitoring - TRPD					
Sentinel Lakes		8,100			0.00
Additional Lake		1,500			0.00
Aquatic Vegetation Surveys		325			0.00
Wetland Monitoring (WHEP)		4,000			0.00
Education		4,000	500.00		2,026.64
WMWA General Activities		5,000			3,000.00
WMWA Educators/Watershed Prep		4,500			2,000.00
WMWA Special Projects		2,000			0.00
Rain Garden Workshops		2,000		1,000.00	2,000.00
Education Grants		1,000			0.00
Macroinvertebrate Monitoring-River Watch		3,000			0.00
Projects ineligible for ad valorem-See Note 1		-			0.00
Studies / Project ID / SWA		35,000	382.20		1,766.46
Plan Amendments		2,000	727.39	35.00	1,206.93
<i>Transfer to (from) Encumbered Funds (see below)</i>					0.00
<i>Transfer to (from) Capital Projects (see CIP Tr</i>		490,000			66,760.20
<i>Transfer to (from) Cash Sureties (see below)</i>			-	-	57.97
<i>Transfer to (from) Grants (see below)</i>			-	-	20.32
<i>To Fund Balance</i>					0.00
<b>TOTAL - Month</b>			<b>11,859.25</b>	<b>12,295.38</b>	<b>198,479.02</b>
<b>TOTAL Paid in 2019, incl late 2018 Expenses</b>		<b>920,796.00</b>	<b>294,541.11</b>	<b>306,836.49</b>	<b>2019 Paid</b>
Note 1: \$50,000 Projects ineligible for ad valorem re-assigned to General Fund effective May 8, 2019					



## Elm Creek Watershed Management Commission 2019 Treasurer's Report

		2019 Budget	June 2019	July 2019	2019 Budget YTD
<b>INCOME</b>					
<i>From Fund Balance</i>					
Project Review Fee		80,000	444.50		14,514.20
Return Project Fee					0.00
Water Monitoring - TRPD Co-op Agmt 2018					
Water Monitoring - TRPD Co-op Agmt		5,000			0.00
WCA Fees		9,000			900.00
Return WCA Fee					0.00
Reimbursement for WCA Expense					654.81
WCA Escrow Earned					0.00
Member Dues		230,400			230,400.00
Interest/Dividends Earned		3,000	2,218.50		14,357.31
Transfer to (from) Capital Projects (see CIP Tr		490,000			0.00
Transfer to (from) Cash Sureties (see below)					
Transfer to (from) Grants (see below)			-	-	5,028.00
Misc Income					0.00
<b>Total - Month</b>			<b>2,663.00</b>	<b>0.00</b>	<b>265,854.32</b>
<b>TOTAL Rec'd 2019, incl late 2018 Income</b>		<b>817,400.00</b>	<b>274,994.00</b>	<b>274,994.00</b>	<b>2019 Received</b>
<b>CASH SUMMARY</b>		<b>Balance Fwd</b>			
Checking		0.00			
4M Fund		1,303,038.87	1,283,491.76	1,271,196.38	
<b>Cash on Hand</b>			<b>1,283,491.76</b>	<b>1,271,196.38</b>	
<b>CASH SURETIES HELD</b>		<b>Balance Fwd</b>			<b>Activity 2019</b>
WCA Escrows Received		30,000.00			1,000.00
WCA Escrow Reduced		0.00			585.28
<b>Total Cash Sureties Held</b>		<b>30,000.00</b>	<b>30,414.72</b>	<b>30,414.72</b>	
<b>RESTRICTED / ENCUMBERED FUNDS</b>		<b>Balance Fwd</b>			
Restricted for CIPs		732,761			732,761.00
Restricted for Closed Project Funds		1,222			1,222.00
Enc. Studies / Project Identification / SWA		175,297			175,297.00
Projects Ineligible for ad valorem					0.00
<b>Total Restricted / Encumbered Funds</b>		<b>909,280</b>	<b>909,280.00</b>	<b>909,280.00</b>	
			June 2019	July 2019	2019 Budget YTD
<b>GRANTS</b>					
<b>Fish Lake CWLA</b>					
Revenue					-
Expense					20.32
Balance			-	-	(20.32)
<b>Rush Creek SWA</b>					
Revenue					5,028.00
Expense					-
Balance			-	-	5,028.00
<b>BWSR Watershed-based Funding</b>					
Revenue					-
Expense					-
Balance			-	-	-
<b>TOTAL GRANTS</b>					
Revenue			-	-	<b>5,028.00</b>
Expense			-	-	<b>20.32</b>
Balance			-	-	<b>5,007.68</b>

## Elm Creek Watershed Management Commission 2019 Treasurer's Report

Claims Presented		General Ledger Account No	June	July	TOTAL
Campbell Knutson - Legal		521000		31.00	31.00
Connexus - Rain Gauge		551100		18.79	18.79
Barr Engineering - Proj Rev Consultant		578050		3,105.50	3,105.50
Doug Baines - HC Board Mtg Parking		541500		35.00	35.00
Shingle Creek WMO - Raingarden Workshops		590002		1,000.00	1,000.00
JASS					8,105.09
Administration		511000		7,392.76	
TAC Support		511000		195.00	
Annual Report		511000			
Website		581000		25.20	
Project Reviews		578100		492.13	
WCA		579000			
Plan Amendment		541500			
Education		590000			
CIPs General		563001			
Grant Opportunities		511000			
Grant - Fish Lake CWLA		584001			
Grant - Rush Creek SWA		584002			
Floodplain Mapping Admin		580430			
<b>TOTAL CLAIMS</b>					<b>12,295.38</b>

**Elm Creek Watershed Management Commission**  
**2019 Treasurer's Report - Capital Improvement Project Tracking**

item 02b

CIPs		Amount	%age	TOTAL 2016	TOTAL 2017	TOTAL 2018	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	TOTAL 2019	TOTAL ALL YEARS
	2014-01 Medina Tower Drive	68,750	52.380												
	Revenue			(37.13)	(15.52)	6.56								-	68,870.35
	Expense			-	-	-								-	1,989.80
	Payment to City										66,760.20			66,760.20	66,760.20
	To Closed Project Account													(120.35)	120.35
	Balance			(37.13)	(15.52)	6.56					(66,760.20)			(66,880.55)	(0.00)
	2016-01 Fox Creek Phase 2 Bank Stabili	80,312.00	16.296												
	Revenue			-	80,353.26	(98.25)								-	80,255.01
	Expense			106.32	-	-								-	106.32
	Balance			(106.32)	80,353.26	(98.25)								-	80,148.69
	2016-04 Rush Creek Main Stem Restora	75,000.00	15.219												
	Revenue			-	75,042.75	(91.75)								-	74,951.00
	Expense			106.32	-	-								-	106.32
	Balance			(106.32)	75,042.75	(91.75)								-	74,844.68
	2016-05 Fish Lake Alum Trmt Phase 1	75,000.00	15.219												
	Revenue			-	75,042.75	(91.75)								-	74,951.00
	Expense			106.32	-	-								-	106.32
	Balance			(106.32)	75,042.75	(91.75)								-	74,844.68
	2017-01 Fox Creek Phase 3 Streamban	112,500.00	25.714												
	Revenue			-	-	112,347.11								-	112,347.11
	Expense			-	135.85	-								-	135.85
	Balance			-	(135.85)	112,347.11								-	112,211.26
	2017-03 Mill Pond Fishery & Habitat Res	250,000.00	57.143												
	Revenue			-	-	249,663.63								-	249,663.63
	Expense			-	135.86	-								-	135.86
	Balance			-	(135.86)	249,663.63								-	249,527.77
	2017-04 Rain Garden at Independence	75,000.00	17.143												
	Revenue			-	-	74,899.52								-	74,899.52
	Expense			-	135.85	-								-	135.85
	Balance			-	(135.85)	74,899.52								-	74,763.67
	2018-01 Rush Creek Ph 3 Main Stem St	75,000.00													
	Revenue			-	-	-								-	-
	Expense			-	-	115.18								-	115.18
	Balance			-	-	(115.18)								-	(115.18)
	2018-02 Elm Creek Reach D Stream Re	212,500.00													
	Revenue			-	-	-								-	-
	Expense			-	-	115.18								-	115.18
	Balance			-	-	(115.18)								-	(115.18)

**Elm Creek Watershed Management Commission  
2019 Treasurer's Report - Capital Improvement Project Tracking**

item 02b

CIPs		Amount	%age	TOTAL 2016	TOTAL 2017	TOTAL 2018	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	TOTAL 2019	TOTAL ALL YEARS
	2018-03 Elm Creek Phase III Stream Re	100,000.00													
	Revenue			-	-	-								-	-
	Expense			-	-	115.18								-	115.18
	Balance			-	-	(115.18)								-	(115.18)
	2018-04 Downs Road Trail Raiin Garder	75,000.00													
	Revenue			-	-	-								-	-
	Expense			-	-	115.18								-	115.18
	Balance			-	-	(115.18)								-	(115.18)
<b>TOTAL CIP</b>															
	Revenue			249,795.17	494,329.63	436,392.95	-	-	-	-	-	-	-	-	1,312,087.88
	Expense			812.59	407.56	685.72	-	-	-	-	-	-	-	-	8,133.65
	Payments			245,276.36	1,836.48	322,859.09	-	-	-	-	-	-	-	-	569,971.93
	Balance			3,706.22	492,085.59	111,626.42	-	-	-	-	(66,760.20)	-	-	(66,880.55)	665,880.03
<b>CLOSED PROJECT FUND</b>															
	2014-02 Champlin Mill Pond Dam					82.31									82.31
	2015-01 Plymouth Elm Creek Restoration					1,139.41									1,139.41
	2014-01 Medina Tower Drive													120.35	120.35
	Balance Closed Project Fund														1,342.07
<b>TOTAL CIP &amp; Closed Project Fund</b>															667,222.10
<b>COMPLETED PROJECTS \$0 BALANCE</b>															
	2016-02 Miss River Shore Repair/Stabilization					COMPLETE									
	2016-03 EC Dam at Mill Pond					COMPLETE									

**CAMPBELL KNUTSON**  
**Professional Association**  
**Attorneys at Law**  
**Federal Tax I.D. #41-1562130**  
**Grand Oak Office Center I**  
**860 Blue Gentian Road, Suite 290**  
**Eagan, Minnesota 55121**  
**(651) 452-5000**

Elm Creek Watershed Management Commission  
 c/o Judie A. Anderson, Exec. Secty.  
 3235 Fernbrook Lane  
 Plymouth MN 55447

Page: 1  
 April 30, 2019  
 Account # 1448G

SUMMARY STATEMENT

PREVIOUS BALANCE	FEES	EXPENSES	CREDITS	PAYMENTS	BALANCE
1448-0000 RE: GENERAL MATTERS					
SERVICES RENDERED TO DATE:					
93.00	31.00	0.00	0.00	-93.00	<u>\$31.00</u>

Amounts due over 30 days will be subject to a finance charge of  
 .5% per month (or an annual rate of 6%). Minimum charge - 50 cents.

**CAMPBELL KNUTSON**  
**Professional Association**  
**Attorneys at Law**  
**Federal Tax I.D. #41-1562130**  
**Grand Oak Office Center I**  
**860 Blue Gentian Road, Suite 290**  
**Eagan, Minnesota 55121**  
**(651) 452-5000**

Elm Creek Watershed Management Commission  
c/o Judie A. Anderson, Exec. Secty.  
3235 Fernbrook Lane  
Plymouth MN 55447

Page: 1  
April 30, 2019  
Account # 1448-0000G  
213

RE: GENERAL MATTERS  
SERVICES RENDERED TO DATE:

			HOURS	
04/09/2019	JJJ	Emails Judie re: agreement to award Fish Lake Alum treatment, review and advise.	0.20	31.00
		AMOUNT DUE	0.20	31.00
		TOTAL CURRENT WORK		31.00
		PREVIOUS BALANCE		\$93.00
04/12/2019		Payment - thank you		-93.00
		TOTAL AMOUNT DUE		<u>\$31.00</u>

Amounts due over 30 days will be subject to a finance charge of .5% per month (or an annual rate of 6%). Minimum charge - 50 cents.



**Account Number:**  
**481113-238425**

item 02b

ELM CREEK WATERSHED MGMT ORG

## Monthly Statement

**Service Address**  
ELM CREEK RD  
DAYTON MN

### Billing Summary

Billing Date: Jun 17, 2019

Previous Balance	\$16.63
Payments - Thank You!	\$16.63
<b>Balance Forward</b>	<b>\$0.00</b>
<b>New Charges</b>	<b>\$18.79</b>
<b>Total Amount Due</b>	<b>\$18.79</b>

Payment must be received on or before July 13, 2019

Total Amount Due

\$18.79

Due Date

July 13, 2019

### Message Center

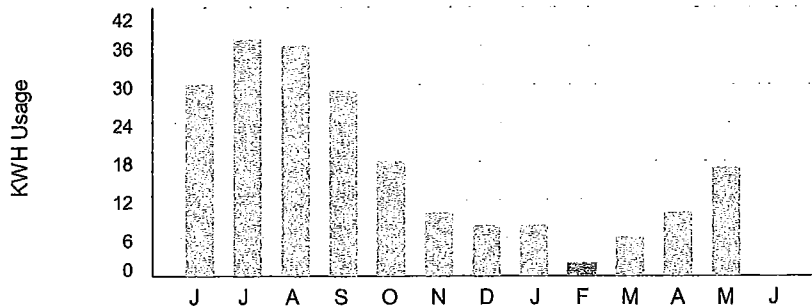
#### Save \$5 at Bunker Beach Waterpark

We are offering our members \$5 off admission to Bunker Beach Waterpark this summer. A one-time coupon is included with your printed statement. For e-bill members, submit your coupon request at [www.connexusenergy.com/bunker-beach](http://www.connexusenergy.com/bunker-beach). Additional \$3 discount coupons are available at [connexusenergy.com](http://connexusenergy.com).

### Energy Comparison

Previous Months' Usage

Current Month's Usage



### How to contact us

Member Services / Moving - 763-323-2650  
Outages and Emergencies - 763-323-2660  
Hearing/Speech Impaired Call - 711 or 800-627-3529  
Email: [info@connexusenergy.com](mailto:info@connexusenergy.com)  
[www.connexusenergy.com](http://www.connexusenergy.com)  
Gopher State One Call - 811  
14601 Ramsey Boulevard, Ramsey, MN 55303

▼ Please detach at perforation and return this portion with a check or money order made payable to Connexus Energy ▼

TRA3-D-000039/000046 AGX1N1 S1-ET-M1-C00001 1 3



Account Number:

481113-238425

Total Amount Due

\$18.79

Payment Due By

July 13, 2019

000039 1 AB 0.409 000039/000039/000046 002 01 AGX1N1  
ELM CREEK WATERSHED MGMT ORG  
3235 FERNBROOK LN N  
PLYMOUTH MN 55447-5325



**Connexus Energy**  
PO Box 1808  
Minneapolis, MN 55480-1808

00001879 0004811130238425 000000 00000 000000000000 0000005



# INVOICE

Barr Engineering Co.  
 4300 MarketPointe Drive, Suite 200  
 Minneapolis, MN 55435  
 Phone: 952-832-2600; Fax: 952-832-2601  
 FEIN #: 41-0905995 Inc: 1966

Ms. Judie Anderson  
 Elm Creek Watershed Management  
 JASS-Watershed Administrators  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

June 18, 2019  
 Invoice No: 23270F55.05 - 12

<b>Total this Invoice</b>	<b>\$1,305.50</b>
---------------------------	-------------------

## Regarding: Elm Creek Wetland Mitigation Monitoring

This invoice is for professional services related to Elm Creek Wetland Mitigation Monitoring project, which included the following tasks:

### Job 001 – Ravinia Wetland Mitigation

Task 002 –2018 Monitoring and Report

- Invoicing

Task 003 –2019 Monitoring and Report

- Field preparation and completing field work to set up 2019 monitoring

### Professional Services from March 23, 2019 to May 17, 2019

Job:	001	Ravinia Wetland Mitigation
Task:	002	2018 Monitoring and Report

#### Labor Charges

	Hours	Rate	Amount
Support Personnel II			
Nypan, Nyssa	.50	95.00	47.50
	.50		47.50
<b>Subtotal Labor</b>			<b>47.50</b>
		<b>Task Subtotal</b>	<b>\$47.50</b>

Task:	003	2019 Monitoring and Report
-------	-----	----------------------------

#### Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist III			
Kubiak, John	1.10	125.00	137.50
Engineer / Scientist / Specialist II			
Burgner, Brian	8.50	105.00	892.50
Support Personnel II			
Lawless, Peter	1.20	115.00	138.00
	10.80		1,168.00
<b>Subtotal Labor</b>			<b>1,168.00</b>

PLEASE REMIT TO ABOVE ADDRESS and INCLUDE INVOICE NUMBER ON CHECK.

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.



Project	23270F55.05	Elm Creek Wetland Mitigation Monitoring	Invoice	12
---------	-------------	---	---------	----

item 02b

# Unit Charges

Differential GPS System (Trimble)	1.0 day @ 90.00	90.00	
<b>Subtotal Units</b>			<b>90.00</b>

<b>Task Subtotal</b>	<b>\$1,258.00</b>
----------------------	-------------------

<b>Job Subtotal</b>	<b>\$1,305.50</b>
---------------------	-------------------

<b>Total this Invoice</b>	<b>\$1,305.50</b>
---------------------------	-------------------

	<b>Current</b>	<b>Prior</b>	<b>Total</b>	<b>Received</b>	<b>A/R Balance</b>
<b>Invoiced to Date</b>	<b>1,305.50</b>	<b>14,994.75</b>	<b>16,300.25</b>	<b>14,994.75</b>	<b>1,305.50</b>

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact your Barr Project Manager, Jeff Weiss, Phone: 952-832-2706 or E-Mail: [jweiss@barr.com](mailto:jweiss@barr.com).



# INVOICE

**Barr Engineering Co.**  
**4300 MarketPointe Drive, Suite 200**  
**Minneapolis, MN 55435**  
**Phone: 952-832-2600; Fax: 952-832-2601**  
**FEIN #: 41-0905995 Inc: 1966**

Ms. Judie Anderson  
 Elm Creek Watershed Management  
 JASS-Watershed Administrators  
 3235 Fernbrook Lane  
 Plymouth, MN 55447

June 17, 2019

Invoice No: 23270F55.03 - 102

<b>Total this Invoice</b>	<b>\$1,800.00</b>
---------------------------	-------------------

## Regarding: Development Reviews

This invoice is for professional services related to Elm Creek Watershed Management Commission project reviews, which included the following tasks:

### Task 170 – 2019-009 Beacon Ridge

- Review of submitted materials
- Communications with the City and developer during project review
- Presenting the project at the May ECWMC meeting
- Project management and invoicing

### Professional Services from April 20, 2019 to May 17, 2019

Job:	JOB3	Project Review
Task:	170	2019-009 Beacon Ridge

### Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Weiss, Jeffrey	9.90	135.00	1,336.50	
Engineer / Scientist / Specialist I				
Austin-Petersen, Andrew	5.20	80.00	416.00	
Support Personnel II				
Nypan, Nyssa	.50	95.00	47.50	
	15.60		1,800.00	
<b>Subtotal Labor</b>				<b>1,800.00</b>
		<b>Task Subtotal</b>		<b>\$1,800.00</b>
		<b>Job Subtotal</b>		<b>\$1,800.00</b>
		<b>Total this Invoice</b>		<b>\$1,800.00</b>

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact your Barr Project Manager, Jeff Weiss Phone: 952-832-2706 or E-Mail: [jweiss@barr.com](mailto:jweiss@barr.com).

PLEASE REMIT TO ABOVE ADDRESS and INCLUDE INVOICE NUMBER ON CHECK.

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.

## Government Center

Mpls, 55416

EX 145 06/25/19 14:32  
Receipt 073040Short-term parking tkt  
1st No. 015888  
06/25/19 12:30  
06/25/19 14:32  
Period 0d2h3'

\$35.00

Sub Total \$35.00  
Ust. \$0.00

Total \$35.00

Payment Received  
VISA \$35.00  
XXXXXXXXXXXX8796  
Auth. Co. 03027CAll Amounts in USD.  
Deliv. Date=Receipt Date

00ES846C - 1/1



3235 Fernbrook Lane Plymouth, MN 55447

Bassett Creek Watershed Management Commission  
 City of Crystal  
 City of Champlin  
 Elm Creek Watershed Management Commission  
 City of Plymouth  
 Shingle Creek Watershed Management Commission  
 West Mississippi Watershed Management Commission  
 City of Brooklyn Park

1-Jul-19

### 2019 Invoice - Metro Blooms Raingarden Workshops

	2019 Budget		2019 Actual	
Joint watershed sponsorship Metro Blooms Rain Garden Workshops	Workshops	Partner Share	Workshops	Partner Share
<b>Combined Workshops</b>				
Metro Blooms	10,500.00			
Administration and Promotion	1,250.00			
Watershed Credit - Blue Thumb Partnership	(1,500.00)			
Bassett Creek Commission		2,000.00		2,000.00
Elm Creek Commission		2,000.00		2,000.00
Shingle Creek Commission		2,000.00		2,000.00
West Mississippi Commission		2,000.00		2,000.00
<b>2019 Workshops</b>				
City of Crystal - May 9 - in partnership w/Golden Valley, New Hope, Robbinsdale		750.00		750.00
City of Champlin - April 4		750.00		750.00
City of Plymouth - May 2		750.00		750.00
	10,250.00	10,250.00	-	10,250.00
<b>Second Half Due Now</b>				<b>1,000.00</b>

Please make your check payable to the Shingle Creek Watershed Management Commission.  
 Thank you.

**Elm Creek Watershed Management Commission**  
**3235 Fernbrook Lane**  
**Plymouth, MN 55447**

Total by  
Project Area

[illegible]

# elm creek

## Watershed Management Commission

ADMINISTRATIVE OFFICE  
3235 Fernbrook Lane  
Plymouth, MN 55447  
PH: 763.553.1144  
FAX: 763.553.9326  
email: judie@jass.biz  
www.elmcreekwatershed.org

TECHNICAL OFFICE  
Hennepin County  
Environment and Energy Dept  
701 Fourth Ave S Suite 700  
Minneapolis, MN 55415-1600  
PH: 612.348-7338 • FAX: 612.348.8532  
Email: James.Kujawa@hennepin.us

### STAFF REPORT

July 2, 2019

- a. 2015-004 Kinghorn Outlot A, Rogers.** This is a 31-acre site located between the Clam and Fed Ex sites on the west side of Brockton Road and I-94. The proposed site will have two warehouse buildings with associated parking and loading facilities. 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 this report.
- b. 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 this 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.
- c. 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. 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.
- d. 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 located on 6.0 acres; 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 the City. The applicant requested and was granted an extension

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*

of the deadline per MN statute 15.99 to December 31, 2019. According to the agent for this project, a new layout and project application was submitted to Maple Grove in January 2019 and the project is still considered active by the City. No new information has been received by Commission staff as of this update.

**e. 2017-050W Ernie Mayers Wetland/floodplain violation, Corcoran.** The City of Corcoran contacted the Commission in December 2017 concerning drainage complaints on Mayers' property. Multiple violations appear to have occurred on land owned by Mayers. Technical Evaluation Panels (TEPs) were held in 2017 and 2018 to assess the nature and extent of the violations. A restoration order was issued to Mayers giving him until September 15, 2018 to respond or restore the violation areas to their original conditions. A request from Mayers' attorney for an extension to November 1, 2018 was granted by the DNR. This was further extended to November 1, 2019. On October 30, 2018, an appeal to the restoration order was received by BWSR. BWSR issued an order of abeyance (stay) on the appeal until April 1, 2019. An application for replacement plan was received from Mayers on January 29, 2019. It addresses the wetland fill (4:1 replacement request) and drain tile (disable existing tile) impacts, but requests additional time to submit an application to address the ditch (WCA jurisdiction) and floodplain (Commission jurisdiction) impacts. A TEP was held February 28, 2019 to address the replacement plan and provide guidance to the LGU. The City of Corcoran assumed WCA LGU responsibilities for this project March 1, 2019. Corcoran and BWSR have extended the decision process until July 30, 2019. *No new information has been received by Commission staff as of this update.*

**f. 2018-014 Refuge at Rush Creek (formerly 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 two wetland basins, totaling 16,537 SF of type 1 wetland impacts. Replacement at a 2:1 ratio in Bank Service Area (BSA) 7, Major Watershed 20 (Metro Mississippi), is proposed. The wetland replacement plan has been noticed per WCA requirements. The Commission approved this project with conditions at their August meeting: (1) Certification from MN BWSR that 0.7593 acres of wetland banking credits from account #1643 have been transferred for use on this site or an escrow of \$90,000 is received from the applicant, (2) Preservation and buffer areas meet the Commission and City requirements for buffer and preservation, (3) \$4,000 per acre escrow is secured by the Commission for buffer/preservation compliance and 5-year monitoring plan, and (4) operation and maintenance plans for stormwater ponds are approved by the Commission and the City and recorded on the property title. No new information has been received.

**g. 2018-020 North 101 Storage, Rogers.** This is an existing 3-acre lot in the northwest corner of Highway 101 and CR144. The current land use is a combination of mini-storage units and outdoor storage. The site is proposed for complete demolition and construction of seven new mini-storage buildings. At their July meeting the Commission approved Staff findings dated July 9, 2018, pending four items relating to abstraction requirements and the infiltration system. The applicant requested and was granted an extension to December 31, 2019, provided the review process with the City of Rogers does not expire.

**h. 2018-021 113th Lane Extension/Brockton/101, Rogers.** The City is proposing to extend 113th Lane to provide a second access to the proposed second phase of the Laurel Creek development. The proposed road will extend from Brockton Lane to the development entrance. It will include a 4-lane divided roadway; an off-road trail north of 113th Lane; and construction of an intersection meeting County turn-lane requirements. The project will create 2.13 acres of new impervious surface. The project was conditionally approved at the July Commission meeting. The conditions included submittal of signed final plans and finalization of the wetland mitigation plan. The City's consultant provided an updated set of plans to Staff on June 4. *The submittal satisfies the conditions of the approval. This project will be removed from future reports.*

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*

**i. 2018-038 Vincent Woods, Rogers.** This 19 acre parcel was previously approved for eight apartment buildings by the Commission in 2015. The new site plans propose two apartment buildings with 4.25 acres of impervious areas. The project includes two stormwater ponds to provide water quality treatment and a filtration bench has been proposed in one of the ponds to meet the abstraction requirements which were not in place as of the last project approval. The Commission approved the project at their September 2018 meeting subject to submittal of minor revisions. Staff approval to begin grading prior to final approval was also provided. Staff recently received revised information to review for conformance with the minor revisions requested. Staff is following up on the current status of this project.

**j. 2018-046 Graco Expansion, Rogers.** This project is the expansion of an existing building. The site is located in an area that has regional ponding provided for rate control purposes, but needs to account for water quality and abstraction requirements on site prior to discharging offsite as part of the improvements. The Commission granted conditional approval at their October meeting. Conditions of approval were to submit a SWPPP plan meeting requirements, clarify maintenance responsibilities for the iron enhanced sand filter, and the City of Rogers to submit a letter stating their intentions to provide the water quality deficit in an upcoming project. Staff confirmed several minor plan revisions remain in conformance with the original approval. This item will remain on the Staff report until such time as the water quality deficit has been made up.

**k. 2019-001 Fernbrook View Apartments, Maple Grove.** This is a 4.85-acre rural residential lot located at the NE intersection of CSAH 81 at Fernbrook Lane. The applicant proposes to construct a 2-story, 42-unit apartment building. This project was reviewed and approved at the February 2019 Commission meeting with the following conditions: 1) The Commission recommends the applicant pursue utilizing water from the NURP pond for irrigation needs for this property; 2) Long term operation and maintenance on the stormwater basin must be addressed; 3) Mean average pond depth must meet the Commission standard; 4) Pond filter bench details must be provided. This project has been placed on hold by the applicant.

**l. 2019-013 Boston Scientific Parking Lot Expansion, Maple Grove.** Boston Scientific is proposing to reconfigure a portion of their parking lot and add additional parking stalls, thereby increasing their impervious footprint by 1.18 acres. This triggered Commission rules D and E. At their June 12, 2019 meeting the Commission approved Staff's findings and recommendations dated May 13, 2019. This project will be removed from the report.

**m. 2019-015 Timbers Edge, Plymouth.** This project is approximately 18.7 acres in size, located on the west side of Holly Lane and across from the Hollydale Golf Course. It is currently a wooded lot with an existing parking lot, and the proposed project would construct 40 single-family homes, resulting in 4.6 acres of new impervious area. Stormwater is to be managed with a stormwater pond and a sand filtration system. *The findings and recommendation are included in the meeting packet*

**n. 2019-016 Rogers Retail Development, Rogers.** This project is located at the SW intersection of Highway 81 and I-94. It is a 1.38-acre retail/commercial parcel that has an existing restaurant building on it. The applicant is proposing to demolish the existing building and construct two separate buildings on the lot. This project is considered a complete redevelopment of the parcel and will be reviewed for compliance with Rules D and E. *In their findings dated June 19, 2019, Staff recommends approval of this project contingent upon: (1) infiltration reductions from the underground system being determined by utilizing MPCA Stormwater Manual guidelines and requirements and meeting or exceeding the HydroCad assumptions; (2) the underground stormwater system being covered by a drainage and utility easement; (3) a copy of the approved*



*stormwater operation and maintenance agreement being recorded on the land title with Hennepin County and a copy of said recording being provided to the ECWMC. Further, (a) if grading or construction is to take place before the Commission decision, it is at the applicant's risk. Any changes to the site plans to meet the Commission's approval is the applicant's responsibility; and (b) if grading or construction is to take place before the Commission decision, all appropriate approvals from the City of Rogers are required.*

**o. 2019-017 French Lake Industrial Park, Dayton.** A new site plan was submitted for review based on the Commission's approval of project 2015-011. Based on the 2015-011 project review and approval, unless there are substantive changes to the grading or stormwater, no additional review by the Commission would be necessary. Site plans provided by the applicant indicated enough changes to the original stormwater management plan, that a new application for review and approval was required. *The Commission approved this site plan at their June 12, 2019 meeting contingent upon Staff's final approval of the Erosion and Sediment Control plans. The submitted plan is sufficient and the conditions of approval have been met. This project will be removed from future reports.*

**p. 2019-018 Peony Lane Trailhead, Plymouth.** The City of Plymouth proposes to construct a trailhead facility along the east side of Peony Lane N near 51st Avenue. The project will span two construction seasons. During the 2019 construction season, two parking lots (north and south lots), a 12-foot wide trail connecting the two lots, a box culvert trail crossing of Elm Creek, and a playground area are proposed to be constructed. A patio area and three-season event facility are proposed to be constructed during the 2020 construction season. The Commission is reviewing this site for compliance to Rules D, E and F. *No recommendation is provided to the Commission at this time. Floodplain mitigation has not been provided with the site plans.*

**q. 2019-019 Primrose, Rogers.** This is a new daycare facility located on 2.3 acres at the SW corner of 135th Street and Commerce Boulevard. Regional stormwater facilities were designed to treat TSS and TP from this site, but with the Commission's Third Generation plan the applicant must account for abstraction from their new impervious areas (Rule D) and comply with Rule E. *The findings for this project have been included in the meeting packet and a recommendation will be provided at the Commission's meeting.*

**r. 2019-020 Hennepin County General Permit, Culvert repair at CR 10 and 50.** Staff has determined that this project qualifies under the Commission's General Permit for Road Maintenance Projects. General Permit 2019-020 was granted to Hennepin County for this work.

**s. 2019-021 Brenly Meadows, Rogers.** This is a 38 unit townhome project proposed on 6.9 acres north of 129<sup>th</sup> Avenue about 1/3 of a mile west of Main Street. Staff review will be for Rules D, and E. *Site plans have not been reviewed in time for this update. If available a review and recommendation will be provided to the Commission for their consideration at the meeting*

**t. 2019-022 Comlink Midwest (CML Holdings LLC), Corcoran.** This is an existing 16.5-acre lot located in the southeast quadrant of County Roads 19 and 10 in Burschville (Corcoran). The present land use is about 13 acres of cropland and 3.5 acres of wetland/farmstead/meadow. The applicant proposes to construct three new commercial/industrial buildings with adjacent parking and storage areas, creating approximately 5.5 acres of new impervious area. This project triggers the Commission's standards on Rules D, E, and I. *Site plans have not been reviewed in time for this update. If available a review and recommendation will be provided to the Commission for their consideration at the meeting*

**FINAL RECORDINGS OR OTHER DOCUMENTATION ARE DUE ON THE FOLLOWING PROJECTS:** *(Staff reached out to the cities for an update on these projects on July 2, 2019.)*

**ag. 2013-046 Woods of Medina, Medina.** In January 2015 the Commission approved this project with two conditions. This project remained active throughout this period with the final plat recently approved by the City. No significant changes were made to the original plans. The two conditions were 1) compliance to the WCA requirements and 2) final approval and recording of the O & M plans. The WCA condition has been met with only the O&M plan condition remaining. *On February 5, 2019 Dusty Finke reported that the City is awaiting final plat application for this project.*

**ah. 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 met the requirements of the Commission with the exception of the nutrient control. 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.

**ai. 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. On February 5, 2019 Derek Asche contacted the owner requesting a copy of the recorded maintenance agreement. *No update was available on July 2, 2019.*

**aj. 2016-002 The Markets at Rush Creek, Maple Grove.** This is a proposal to develop 40 acres of a 123-acre PUD located in the southwest quadrant of the intersection of CSAH 101 and CSAH 10. In 2016 the Commission granted Staff authority to administratively approve the project and report any updates. Updated plans with some minor layout revisions were reviewed by Staff and administratively approved on July 24, 2018, contingent upon the Operation and Maintenance Plan approval and recordings. On February 5, 2019 Derek Asche contacted the project manager requesting a copy of the recorded maintenance agreement. *No update was available on July 2, 2019.*

**ak. 2016-005W Ravinia Wetland Replacement Plan, Corcoran.** In December 2016 the Commission approved Staff's recommendations on this wetland replacement plan. Final wetland impacts are 1.22 acres. Wetland credits created on site will be 4.01 acres. Excess credits of 0.75 acres are proposed to be used on Lennar's Laurel Creek development in Rogers (2017-014). All approval contingencies have been met and construction completed.. Vegetation planting and management took place throughout 2017. Barr Engineering is providing monitoring to ensure the replacement meets the performance standards of the approved plans. Their first annual report was submitted to the US Army Corps of Engineers on February 7, 2019.

**al. 2017-014 Laurel Creek, Rogers.** In June 2017 the Commission approved 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. On August 31, 2017, Andrew Simmons responded that the O&M agreement is still being negotiated.

**am. 2017-017 Mary Queen of Peace Catholic Church, Rogers.** In June 2017 the Commission granted Staff approval authority pending satisfactory compliance with Staff's findings. All items from the findings have been completed with the exception of the O&M agreement for the stormwater facilities. On June 7, 2018 Andrew Simmons reported that the Church is in the process of revising the stormwater management plan for the site to include water reuse instead of biofiltration pond. The Commission should receive a revised application in the near future. There are also underlying utility easement issues with this project that are holding up the final recording of the plat against which to record the maintenance agreement. *On February 5, 2019 Andrew Simmons reported that the final plat has yet to be recorded.*

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*

**an. 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 was expected to start in 2018.

On February 7, 2019, Jason Quisberg provided the following information: The 1st Addition was scaled back from what was proposed; associated construction activity is significantly completed. Extension of trunk utilities through Sundance Golf Course are complete. The proposed 2nd Addition is under review. Improvements to 117th Avenue (East French Lake Road to Fernbrook Lane) will be part of the work done with the 2nd Addition. Construction is anticipated to start this spring. Pond easements are being recorded with the platting process for each addition (those [that are] part of the 1st Addition are in place). The water re-use system is not part of the 2nd Addition (will be with future addition).

**ao. 2018-018 Summers Edge Phase III, Plymouth.** The Commission approved Staff's recommendations at their June 13, 2018 meeting, subject to receipt of final easements over the wetland buffers within 90 days of final platting in a format acceptable to the Commission. *On February 5, 2019 Ben Scharenbroich provided an unsigned copy of the final plat.*

**ap. 2018-026 Windrose, Maple Grove.** The Commission approved Staff's finding and recommendations dated July 20, 2018. Final plan approval is contingent upon verification of the wetland approvals by the City of Maple Grove and the approval and recording of the operation and maintenance plan on the filter basins. On February 5, 2019 Derek Asche reported that the City will receive the agreement for the filter basins with the grading permit application. *No update was available on July 2, 2019.*

**aq. 2018-028 Tricare Third Addition, Maple Grove** In their findings dated August 7, 2018, Staff recommended approval contingent on approval and recordation of the O&M plan on the filter basins. The Commission further recommended that the City consider an oil/debris type of separator in the parking lot manhole. Derek Asche contacted the project manager on February 5, 2019. It is a condition of the grading permit that the maintenance agreement is provided. *No update was available on July 2, 2019.*

**ar. 2018-044 OSI Phase II, Medina.** Staff findings dated October 9, 2018 were approved by the Commission at their October meeting contingent upon receipt of an approved stormwater system operation and maintenance plan being recorded on the property title. *On February 5, 2019 Dusty Finke reported that the City is awaiting final plat application for this project.*

**as. 2018-048 Faithbrook Church, Phase 2, Dayton.** This is an application for review of an expansion of an existing church located northeast of the intersection of Fernbrook Lane and Elm Creek Road. The Commission approved this project at their November meeting conditioned upon receipt of a SWPPP meeting NPDES requirements and the City of Dayton accepting maintenance responsibility or recording a modified O&M plan for the stormwater features on the site in a form acceptable to the Commission. On February 7, 2019, Jason Quisberg reported that this project has gone idle; it is believed to be due to funding needs of the applicant. It is expected activity will resume this spring, with potential construction this summer.

**at. 2019-002 Parkside Villas, Champlin.** This is two adjacent rural parcels totaling 13.9 acres that are proposed to be split into 56 single-family residential lots. It is located on the east side of Goose Lake Road just south of its intersection with Elm Road (CR 202). The review is for compliance with Commission's Rules D and E. At their February 2019 meeting the Commissioners approved Staff's findings dated January 29, 2019, contingent on 1) a long term O&M agreement on the stormwater basin and irrigation system being provided and recorded on the property title and 2) the applicant working with the City and Three Rivers Park District to safely outlet the pond water below the trail system adjacent to the property line.

RULE D - STORMWATER MANAGEMENT  
 RULE E - EROSION AND SEDIMENT CONTROL  
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RULE G - WETLAND ALTERATION  
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*Italics indicates new information*

*indicates enclosure*

### LOCAL PLANS

One local plan remains to be approved by the Commission. **Rogers'** 2040 Comprehensive Plan was received by the Commission on January 2, 2019. Staff comments have been provided to the City.

### FEMA FLOODPLAIN MAPPING

Staff is diligently working to package up and compile the existing working files to ensure a smooth handoff to the next party who will pick the project up and carry the work forward. Staff's intentions are to deliver a draft Hydrology product to the Minnesota DNR for review prior to their departure. Staff will also compile a list of options for the Commission to consider as it moves forward in completing this work.

### RUSH CREEK SWA IMPLEMENTATION

The Hennepin County Board signed the grant agreement on March 12, 2019. *Staff are making site visits and completing designs on five manure management projects - two in Corcoran and three in Rogers. Additional site visits are pending for seven landowners. Included in the meeting packet is an update on this project.*

### BUFFER REVIEW

Buffer review is underway for Corcoran, Rogers, and Medina. Residents with **potential violations** and those residents that are **receiving spot checks** (unrelated to violations) will be notified by US Mail. Those residents who **DO NOT** have any violation or will not be getting a spot check will **NOT** be notified in any way. Hennepin staff will work with those residents needing assistance to get into compliance. *The state has requested a list of non-compliant parcels this year even if Hennepin staff are still working with them – violation corrections are being accelerated this round.*

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RULE D - STORMWATER MANAGEMENT  
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# elm creek Watershed Management Commission

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## **Timber's Edge** *Plymouth* *Project #2019-015*

**Project Overview:** Timber's Edge is a proposed development in Plymouth. It is approximately 18.7 acres in size and is located on the west side of Holly Lane N, across from the Hollydale Golf Course

**Applicant:** Mike Bergeron, Bergeron Homes, 2605 Campus Drive, Plymouth, MN 55446

**Engineer/Agent:** Bob Molstad, Sathre-Bergquist, Inc., 150 South Broadway Ave. S, Wayzata, MN 55391

**Exhibits:**

- 1) ECWMC Request for Plan Review and Approval and fee of \$948 were received on May 15, 2019.
- 2) Storm Water Management Plan, prepared by Advanced Engineering and Environmental Services, Inc., dated April 30, 2019.
  - a. Project Background
  - b. Stormwater Requirements Summary
  - c. Stormwater Management Analysis and Results
  - d. Soil Survey Report
  - e. HydroCAD modeling report for existing and proposed conditions
  - f. P8 modeling results for existing and proposed conditions
  - g. Stormwater Pond Outlet Structure Detail
  - h. Pond #1 outlet structure detail
  - i. HydroCAD report for wet detention pond rating curve computations
- 3) Timber's Edge plan set, signed and dated May 8, 2019.

## **Findings:**

### **General**

- 1) A complete plan was received on May 15, 2019.

### **Stormwater Management**

- 2) The entire site is 18.7 acres. Approximately 16.4 acres will be disturbed. The impervious area will increase from 1.26 acres (7%) to 6.45 acres (35%).
- 3) The soils on the site are predominantly Hydrologic Soil Group Type C, C/D, and D.
- 4) Stormwater will be managed on the site through one wet detention pond / filtration basins.
- 5) Rate controls meet the Commission's standards as the peak runoff rates leaving the site for the 2-, 10-, and 100-year events are all less than peak rates for existing conditions. They are as follows:

	2-yr Peak Flow (cfs)		10-yr Peak Flow (cfs)		100-yr Peak Flow (cfs)	
Site Outflow	Existing	Proposed	Existing-West	Proposed	Existing-West	Proposed
	15.4	11.5	31.7	29.2	70.3	47.0

- 6) Water quality and volume loads are estimated as follows:

Condition	TP Load (lbs./yr)*	TSS Load (lbs./yr)*
Pre-development Load	7.7	2,431
Post-development Load	15.1	4,693
Post-development Discharge	6.0	759
Post-development Load Reduction	60.0	83.8
Net Change from Pre-development	-1.7	-3,934

\*Value using p8 Model

- 7) The 1.1" abstraction requirement is proposed to be achieved using filtration with the wet pond. The Type C, C/D, and D soils do not allow a significant amount of infiltration. With 4.61 acres of new impervious area, the required abstraction volume is 18,407 cubic feet of abstraction. The filter bench in Pond #1 will provide 20,019 cubic feet of treatment, so the abstraction requirement is being met.
- 8) The detention pond permanent pool volume meets NURP dead storage standards of at least the volume of runoff from an equivalent 2.5-inch precipitation event.

### **Wetland and Stream Buffer**

- 9) The plan includes sufficient buffers for on-site wetlands.

### **Erosion and Sediment Control**

- 10) The erosion and sediment control plan is consistent with current best management practices.

### **Wetland Impacts**

- 11) There are no wetland impacts on site.



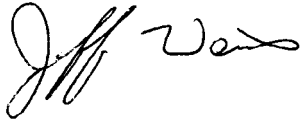
Timber's Edge (2019-015)  
July 2, 2019  
Page 3

Floodplain Impacts

12) There is no construction within the 100-year floodplain.

**Recommendation:**

Staff recommends approval of the project.



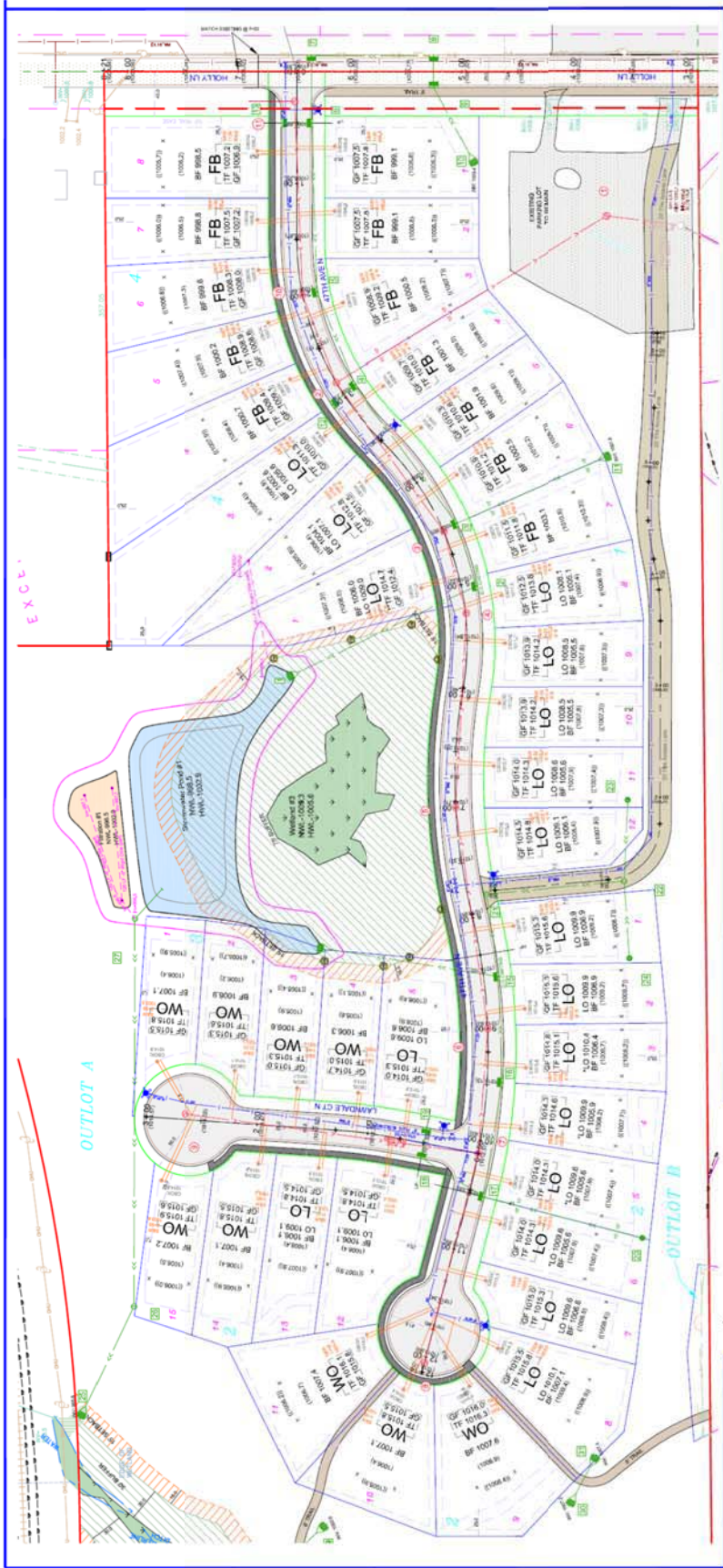
Jeff Weiss, P.E.  
Barr Engineering Company  
Advisor to the Commission

July 2, 2019  
Date

Site Location Map









## Watershed Management Commission

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### **Rogers Retail Development** **Rogers, Project #2019-016**

**Project Overview:** This project is located at the SW intersection of Highway 81 and I-94 in Rogers. It is a 1.38 acres retail/commercial parcel that has an existing restaurant building on it. The applicant is proposing to demolish the existing building and construct two separate buildings on the lot. The northerly building will be approximately 3,000 sq. ft. that will house a restaurant. The other will be approximately 4,800 sq. ft. split into a retail space and a coffee shop. This project is considered a complete redevelopment of the parcel and will be reviewed for Rule D (stormwater management), and Rule E, (erosion and sediment control) for compliance to the Commissions 3<sup>rd</sup> Generation STWMP Rules and Standards

**Applicant:** NDL Rogers, LLC, Attention Mike Fraser, 60 South Sixth Street, Suite 2630, Minneapolis, MN 55402. Phone: 763-313-0129. Email: [mfraser@caprie.com](mailto:mfraser@caprie.com)

**Agent:** Bogart, Pederson & Associates, Attention Chris Dahn, 13076 First Street, Becker, MN 55308-9322. Phone: 763-262-8822. Email: [cdahn@bogart-pederson.com](mailto:cdahn@bogart-pederson.com)

#### **Exhibits:**

- 1) ECWMC Request for Plan Review and Approval received May 16, 2019.
- 2) Project review fee of \$400 for 1.4-acre commercial/development project.
- 3) Rogers Retail Development Stormwater Management Plan prepared by Bogart-Pederson dated May 8, 2019, updated June 11, 2019.
- 4) Rogers Retail Development Civil Site Plans by Bogart-Pederson dated May 8, 2019.
  - a. Sheet A-1, Site Space & Parking Plan
  - b. Sheet A-2, Restaurant Building Elevations
  - c. Sheet A-3, Retail Building Elevations
  - d. Sheet A-4, Site Sign Elevations
  - e. Sheet V100, Existing Conditions
  - f. Sheet C100, Site Plan
  - g. Sheet C101, Emergency Vehicle Access Plan
  - h. Sheet C102, Demolition Plan
  - i. Sheet C103, Utility Plan, revised June 5, 2019
  - j. Sheets C104 & C105, Grading & Erosion Control Plans
  - k. Sheets C500 to Sheets C503, Details, sheet C503 revised June 5, 2019.

**Findings:**

- 1) A complete application was received May 16, 2019, revised plans were received on June 11, 2019. The initial decision period per MN Statute 15.99 expires July 15, 2019.
- 2) This site flow north/northwest for about one mile before it enters into Fox Creek. Fox Creek runs an additional 1.5 miles before it flows into the Crow River approximately ½ mile west of I-94.
- 3) The existing and proposed land use is retail/commercial. Drainage patterns will remain similar before and after development.
- 4) To meet stormwater management standards the applicant is proposing an underground stormwater filtration system consisting of 3- ½ oval 30”H x 51”W chambers 8” apart that are a total of 140’ long. They will be placed approximately 3 feet below the pavement. The chambers will surrounded by 4.5 feet of stone. Below the stone, a clean sand material will be placed between the chambers/stone down to the higher infiltrating soils, or approximately another 3-5 feet of sand before the system comes into contact with the native sandy loam soil material on site.
- 5) No wetlands or floodplains are located on this site.
- 6) Modeled stormwater flows will meet the Commission rate control requirements. Before and after development flow rates are as follows;

	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)
<b>Pre-Development</b>	<b>6.3</b>	<b>10.1</b>	<b>18.0</b>
<b>Post-Development</b>	<b>2.5</b>	<b>8.9</b>	<b>17.1</b>

- 7) Abstraction controls;
  - a. Impervious area on site will be 1.27 acres. Abstraction requirements are 5,071 cubic feet to meet the Commission standard of 1.1” over the impervious area.
  - b. Actual infiltration volume in the underground chamber system and rock fill areas will be 5,500 cubic feet below the outlet control structure.
  - c. HydroCAD exfiltration is assumed at 0.45 inches per hour. Actual infiltration reductions must be determined using a 48-hour period based on measured infiltration rates determined by a double-ring infiltrometer test at the bottom elevation of the infiltration area. To determine the long-term infiltration rate per the MPCA Stormwater Manual a correction factor of ½ the measured infiltration rate must be used.
- 8) Phosphorus and TSS reductions are met based on the Commission standard that full infiltration of 1.1 inch of runoff from all impervious service will satisfy those load reduction requirements.
- 9) The stormwater underground system must be covered by a drainage and utility easement.
- 10) A copy of the recorded stormwater O & M plan must be provided to the Commission.
- 11) Erosion control plans meet the Commission’s requirements.

**Recommendation:** Approval contingent upon:

- 1) Infiltration reductions from the underground system are determined utilizing MPCA Stormwater Manual guidelines and requirements and meet or exceed the HydroCad assumptions.
- 2) The underground stormwater system is covered by a drainage and utility easement.
- 3) A copy of the approved stormwater operation and maintenance agreement is recorded on the land title with Hennepin County and a copy of said recording is provided to the ECWMC.
- 4) If grading or construction is to take place before the Commission decision, it is at the applicant's risk. Any changes to the site plans to meet the Commission's approval is the applicants responsibility.
- 5) If grading or construction is to take place before the Commission decision, all appropriate approvals from the City of Rogers is required.

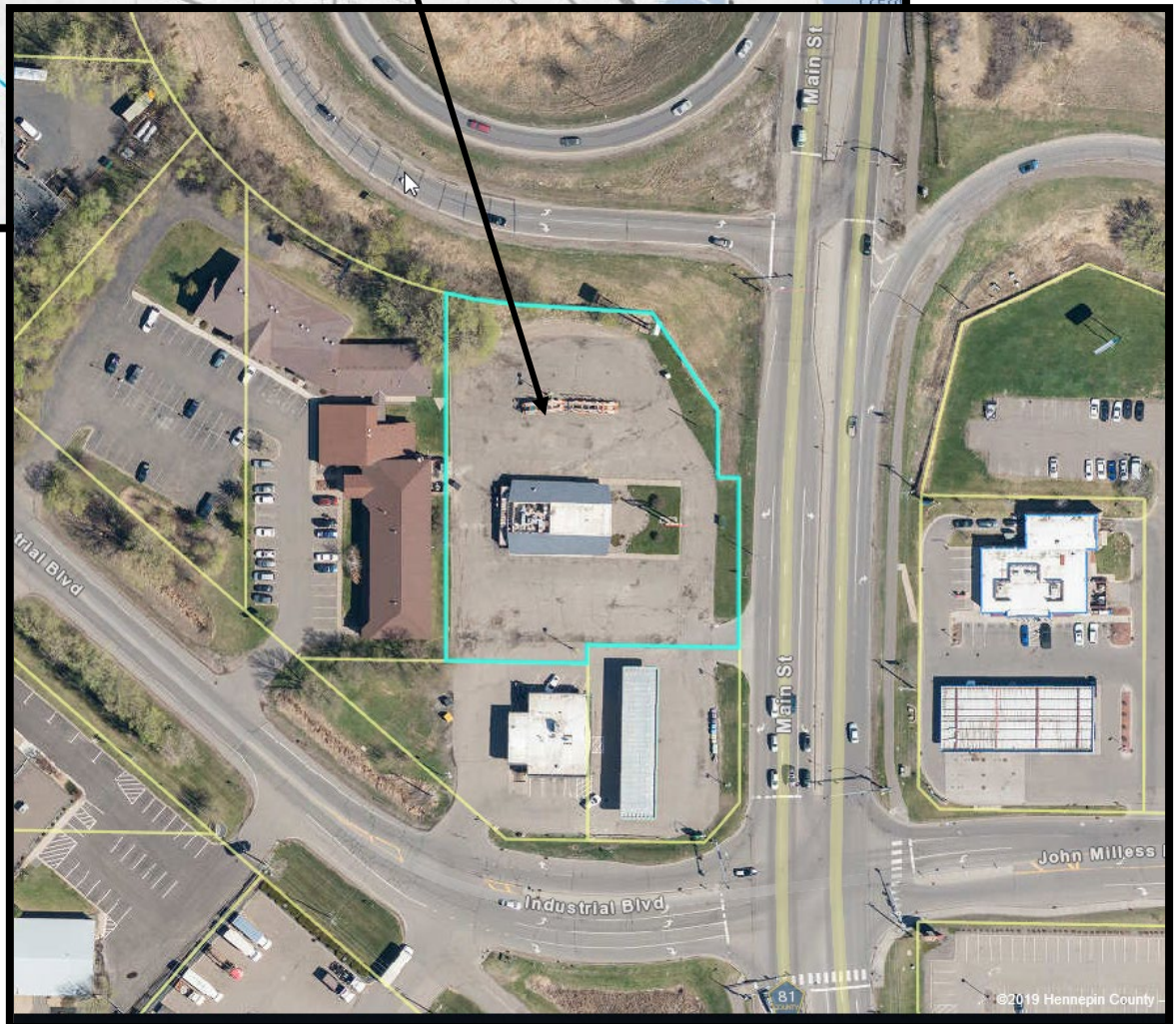
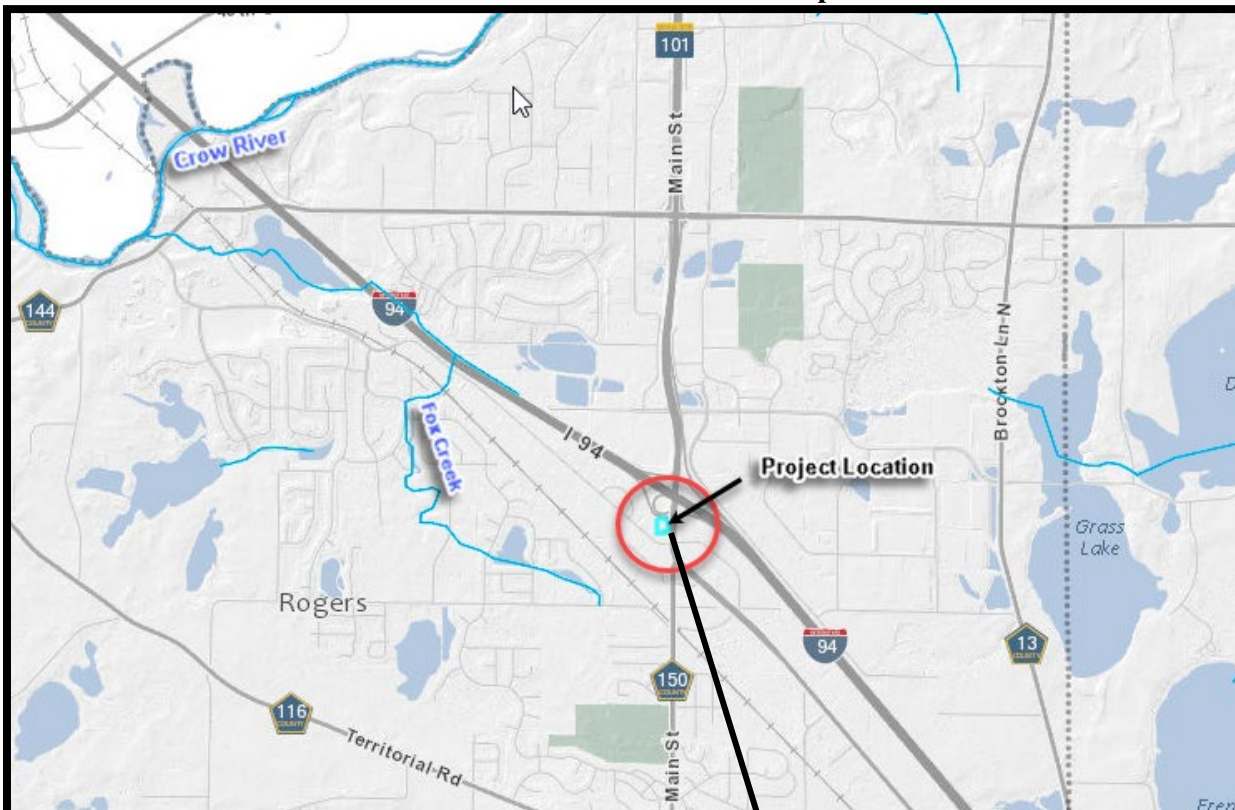
Hennepin County  
Department of Environment and Energy  
Advisor to the Commission



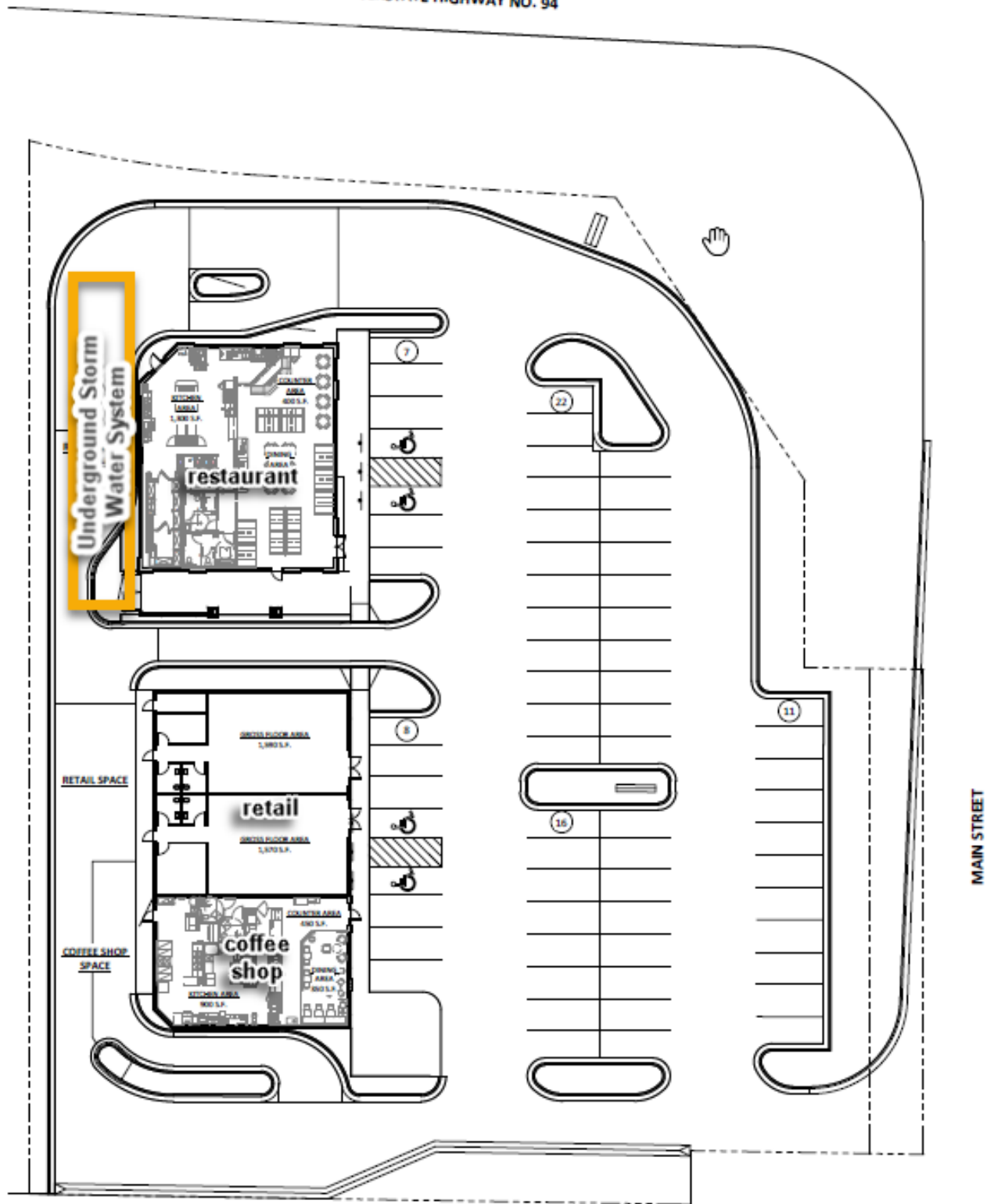
June 19, 2019



### Location Map



INTERSTATE HIGHWAY NO. 94



1 SITE SPACE & PARKING PLAN  
1/16" = 1'-0"



# elm creek Watershed Management Commission

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## Primrose School of Rogers *Rogers* *Project #2019-019*

**Project Overview:** The Primrose School is proposing to build a new preschool in Rogers. The school would be located on a 2.3 acre site at the intersection of South Diamond Lake Road and Commerce Blvd. The site drains to a regional pond that was approved as part of the 2006-042 Rogers Drive Realignment project review. The project will create 0.78 acres of new impervious area and abstraction is proposed to be met through infiltration.

**Applicant:** Primrose Schools Franchising Company, 3660 Cedarcrest Road, Acworth, Georgia, 30101

**Engineer/Agent:** Josh McKinney, Sambatek, 12800 Whitewater Dr #300, Minnetonka, MN 55343

### **Exhibits:**

- 1) ECWMC Request for Plan Review and Approval and fee of \$624 were received on May 22, 2019.
- 2) Storm Water Management Plan, prepared by Sambatek, dated October 11, 2018, updated June 28, 2019.
  - a. Project Background
  - b. Stormwater Management Analysis and Results
  - c. Drainage Maps
  - d. HydroCAD modeling report for existing and proposed conditions
  - e. 2006 Regional Pond ECWMC review and documentation
- 3) Stormwater management memo, dated June 26, 2019.
- 4) Primrose School of Rogers plan set, signed and dated June 3, 2019



### **Findings:**

#### **General**

- 1) A complete plan was received on May 31, 2019.

#### **Stormwater Management**

- 2) The entire site is 2.3 acres. The entire site will be disturbed and 0.78 acres of new impervious will be added in the form of a parking lot and pre-school building. The final impervious percent will 34%.
- 3) The soils on the site are predominantly Hydrologic Soil Group Type D.
- 4) Stormwater will be routed to a regional pond located nearby. The plans for the regional pond were reviewed and approved by ECWMC as part of project 2006-042.
- 5) The project will result in a small amount of additional area (0.56 acres) draining to the pond than was originally approved. Even though the area to discharge to the regional pond will increase, the impervious area is less than what was assumed in the 2006 review. As a result the peak flow rates leaving the regional pond will be slightly less than previously approved, as shown in Table 1.

	2-yr Peak Flow (cfs)		10-yr Peak Flow (cfs)		100-yr Peak Flow (cfs)	
Site Outflow	2006 Approved	Proposed	2006 Approved	Proposed	2006 Approved	Proposed
	3.9	3.2	8.1	6.6	18.5	13.1

- 6) Similar to the stormwater rates, the water quality performance of the regional facility will slightly improve compared to the original approval:

Condition	TP Load (lbs./yr)*	TSS Load (lbs./yr)*
2006 Approved	3.0	544
2019 Proposed	2.02	368
Net Change from Pre-development	<b>-0.98</b>	<b>-176</b>

\*Value using p8 Model

- 7) The 1.1" abstraction requirement is proposed to be achieved using infiltration below the play field. The required abstraction is 3,112 cubic feet. The project will provide 3,137 cubic feet of abstraction.

#### **Wetland and Stream Buffer**

- 8) There are no wetlands or streams on the site.

#### **Erosion and Sediment Control**

- 9) The erosion and sediment control plan is consistent with current best management practices.

#### **Wetland Impacts**

- 10) There are no wetland impacts on site.

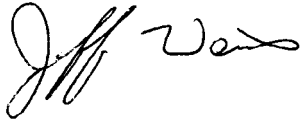


Floodplain Impacts

11) There is no construction within the 100-year floodplain.

**Recommendation:**

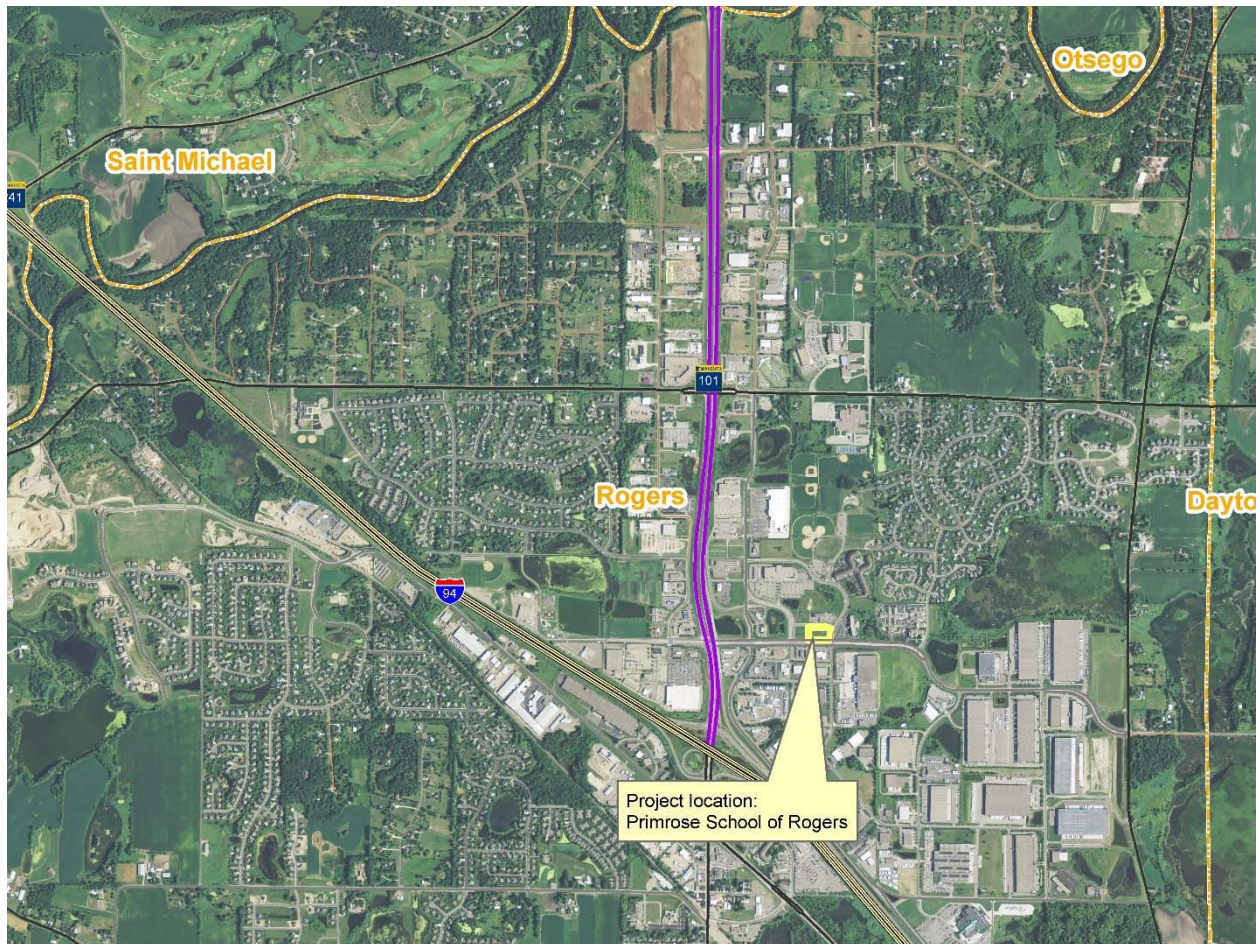
Staff recommends approval of the project.



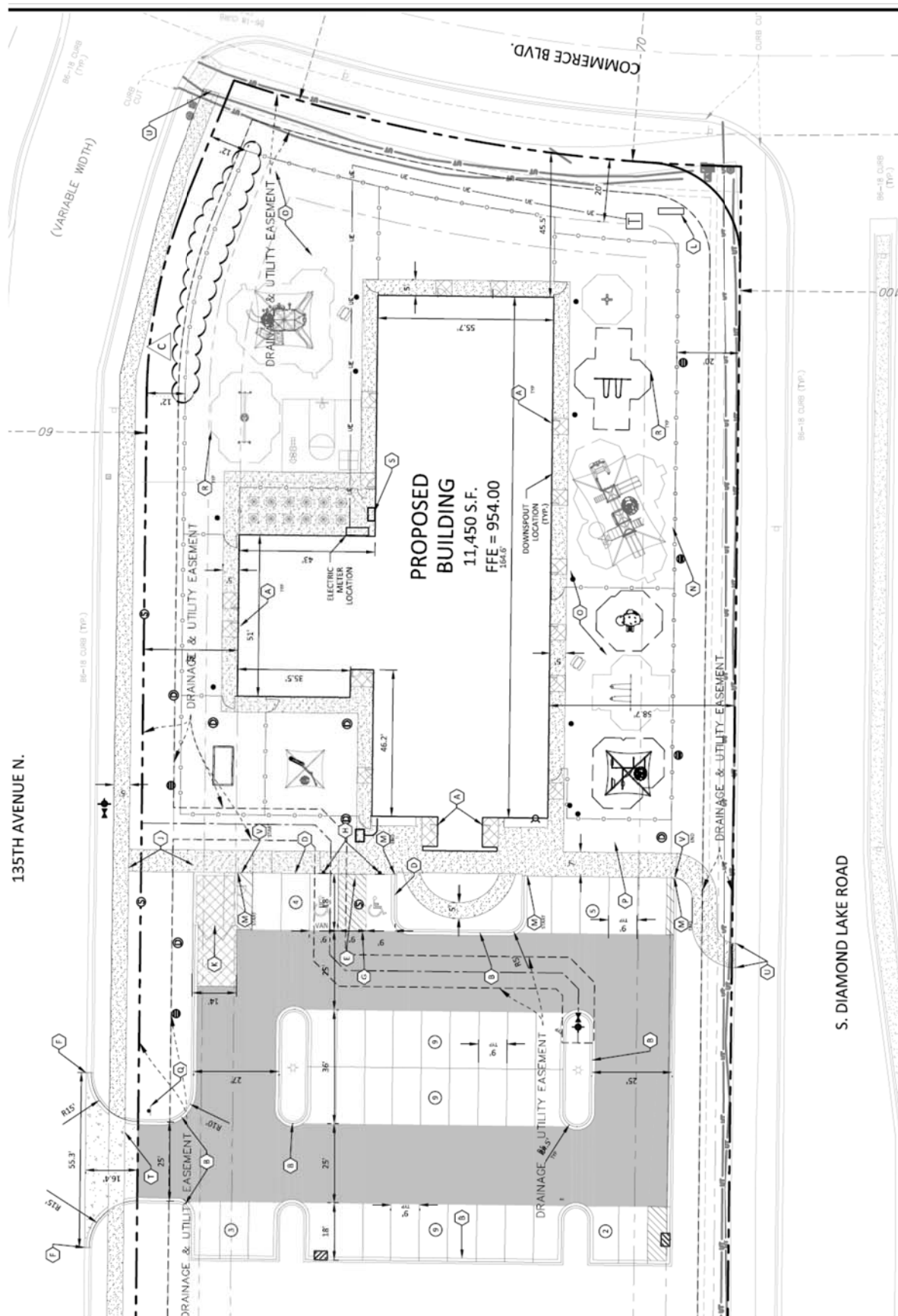
Jeff Weiss, P.E.  
Barr Engineering Company  
Advisor to the Commission

July 3, 2019  
Date

Site Location Map



Primrose School of Rogers (2019-019)  
July 3, 2019  
Page 4



**From:** Karen Galles <Karen.Galles@hennepin.us>  
**Sent:** Wednesday, July 03, 2019 11:26 AM  
**To:** Judie Anderson <Judie@jass.biz>  
**Cc:** James C Kujawa <James.Kujawa@hennepin.us>; Jason A Swenson <Jason.Swenson@hennepin.us>  
**Subject:** Resignation of Jason Swenson

Judie and Elm Creek Commissioners:

I wanted to let you know that Jason Swenson has resigned from Hennepin County effective July 22 in order to take a position with MnDOT Water Resources.

I regret that I'm unable to be with you at your meeting this month, especially given this, but I do plan to be there with you in August. Jim, Jason, and I have spoken at length about transition planning to ensure consistent support of the Commission and fulfilling our obligations as the Commission's technical advisor, and they will have additional information to present to you at your meeting.

1. Technical Advising and Plan Reviews – no change, Jim will continue to perform the bulk of this work on behalf of the county as he has been for some time now, and will work under the technical supervision and have access to Drew McGovern, PE (Water Resources Engineer for Hennepin Transportation Department).
2. FEMA Floodplain Mapping – Jason's resignation will have a significant impact on this work. We are exploring options for the county and the commission to fulfill obligations under the contract with the DNR. Jim and Jason will have more information at the commission's meeting next week, and we will work to prepare a recommendation for your consideration in August. Most importantly, the county is committed to our partnership with the commission in general, and specifically to fulfilling our obligations to this project.

I will be out of the office on vacation from July 4-18, and my ability to communicate will be intermittent, however, I'd be happy to talk with any of you about this while I'm out if that would be helpful. The best way to reach me during that time is by calling or texting 612.235.0712 – if I'm not able to answer or respond right away, I will get back to you as soon as I'm able.

All my best,  
Karen

**Karen Galles**  
Hennepin County Environment and Energy

612-348-2027 (office) | 612-235-0712 (mobile)  
[Karen.Galles@hennepin.us](mailto:Karen.Galles@hennepin.us)  
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701 Building  
701 Fourth Avenue South, Suite 700  
Minneapolis, Minnesota 55415-1842

**Disclaimer:** If you are not the intended recipient of this message, please immediately notify the sender of the transmission error and then promptly delete this message from your computer system.

Z:\Elm Creek\Communications\Jason Swenson resignation.docx



**From:** Jason P. Quisberg <jquisberg@wenck.com>

**Sent:** Wednesday, June 26, 2019 5:06 PM

**To:** Judie Anderson <Judie@jass.biz>

**Cc:** Doug Baines <dougabaines@yahoo.com>; Jeff D. Strom <jstrom@wenck.com>; Thomas A. Berry <tberry@wenck.com>

**Subject:** Dayton Diamond Lake Subwatershed Assessment

**Hi Judy** – Just wanted to give you a heads up that Dayton staff is requesting City Council authorization to complete a Subwatershed Assessment for Diamond Lake at the July 9<sup>th</sup> Council meeting. Assuming Council approves this request, our intent is to request a watershed contribution, 25% of the estimated \$59,000 total project cost (\$14,750).

A similar request was made last year (the difference with this year's request being a slightly modified subwatershed boundary – see attached); at that time, the Commission approved funding at 25%, of the, then, estimated \$55,000 project cost (\$13,750). However, the project did not move forward due to other circumstances related to funding. Since that time, we have discussed the importance of this project with City Council, and have verbal approval, with formal approval expected July 9<sup>th</sup>, to move forward with the project with the understanding that the balance of the project costs will be funded wholly by the City. We are hopeful the Commission will again consider a 25% funding participation in this project.

Please let me know what information we should prepare regarding this request to the Commission; we plan to make the request as soon as Council formally authorizes the project on July 9<sup>th</sup>.

Thank you.

**Jason Quisberg**

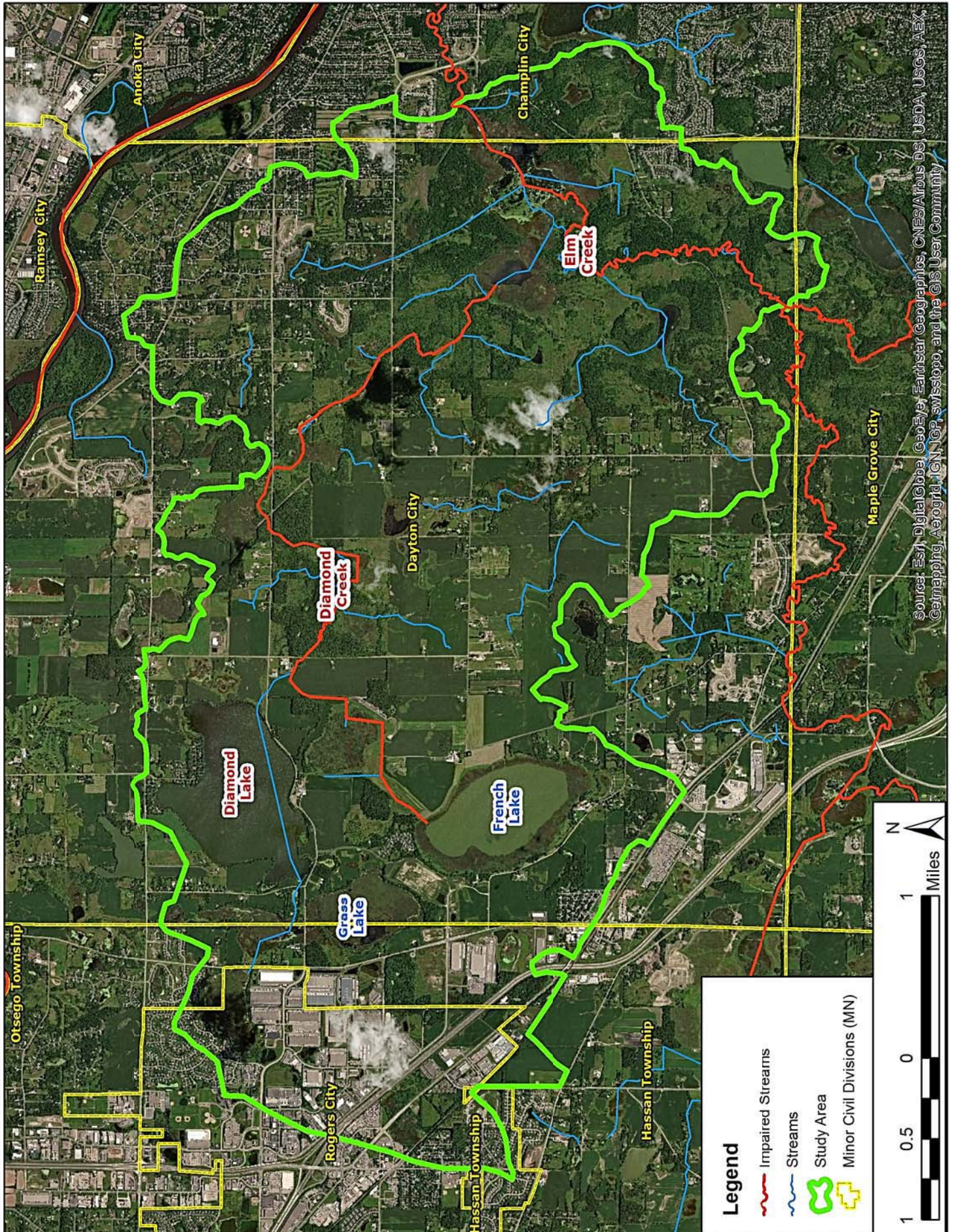
*Associate Engineer*



[jquisberg@wenck.com](mailto:jquisberg@wenck.com) D| 763.252.6873 C| 612.384.5379

7500 Olson Memorial Highway | Suite 300 | Golden Valley, MN 55427







# HENNEPIN COUNTY

## MINNESOTA

DATE: July 2<sup>nd</sup>, 2019

TO: Elm Creek Watershed Management Organization

FROM: Kirsten Barta, Hennepin County Department of Environment and Energy

RE: North Fork Rush Creek Subwatershed Grant Progress

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To date the following has been completed:

- Letters sent out to residents identified in the Rush Creek SWA as having livestock, erosion issues, and those residents that came to the open house and indicated interest in the project for a total of 200 letters
- 22 site visits have been completed
- 2 residents have opted to utilize resources provided by staff to complete projects on their own

In progress:

- 4 projects under staff review/cost estimate approvals for contracting
- 3 projects not being put under contract because resident is happy to pay for them on their own with staff technical assistance and further guidance
- 3 projects pending cooperation from neighbors (necessary for the project to effectively be completed)
- 5 site visits pending during week of July 8<sup>th</sup>

Upcoming:

- Follow up with residents in Rush Creek area that sent in postcards from an unrelated project
- Letters to a larger geographic area that was not specifically identified in the SWA but still on the creek and very likely with beneficial projects
- Work with Environmental Health (Hennepin) on a septic project to target failing systems in the area – MPCA approached us about this project







(/search  
page)

## Apply for BWSR Grants

BWSR offers a variety of competitive and noncompetitive grant programs to its local government partners. These funds may be appropriated through the Clean Water Fund (/cwf\_programs), Lessard Sams Outdoor Heritage Council (<https://www.lsohc.leg.mn/>), the general fund, or direct appropriations.

When funding opportunities are available through BWSR, opportunities to submit competitive or noncompetitive funding requests will be listed on this page.

## Clean Water Fund (CWF) Competitive Grants

The Board of Water and Soil Resources (BWSR) is now seeking applications for its Clean Water Fund Competitive Grants program. The application period opens July 1 and closes September 9, 2019. More than \$14 million in grants and over \$20 million in loans are available for FY2020 to fund local projects to improve and protect water quality in lakes, rivers and drinking water sources throughout Minnesota.

Local government units (counties, watershed districts, watershed management organizations, soil & water conservation districts, and seven-county metro cities) or local government joint power boards are eligible to apply for funding.

### Application deadline: September 9, 2019

- FY2020 CWF Competitive Grants RFP ([https://bwsr.state.mn.us/sites/default/files/2019-07/190626\\_FINAL%20RFP\\_FY20CWF.pdf](https://bwsr.state.mn.us/sites/default/files/2019-07/190626_FINAL%20RFP_FY20CWF.pdf)).
- FY2020 CWF Competitive Grants Policy ([https://bwsr.state.mn.us/sites/default/files/2019-07/190625\\_Final%20Policy\\_FY20%20CWF.pdf](https://bwsr.state.mn.us/sites/default/files/2019-07/190625_Final%20Policy_FY20%20CWF.pdf)).
- FY2020 CWF RFP Frequently Asked Questions (FAQ) ([https://bwsr.state.mn.us/sites/default/files/2019-07/190627\\_FINAL%20FAQs\\_FY20%20CWF%20Grant%20Applications.pdf](https://bwsr.state.mn.us/sites/default/files/2019-07/190627_FINAL%20FAQs_FY20%20CWF%20Grant%20Applications.pdf)).
- Multipurpose Drainage Management Budget Worksheet ([https://bwsr.state.mn.us/sites/default/files/2019-07/Final%20FY%202020%20MDM\\_Project%20Budget\\_Worksheet.xlsx](https://bwsr.state.mn.us/sites/default/files/2019-07/Final%20FY%202020%20MDM_Project%20Budget_Worksheet.xlsx)).
- Projects & Practices - Supplemental Questions for Feedlot Projects (<https://bwsr.state.mn.us/sites/default/files/2019-07/Final%20FY20%20CWF%20Feedlot%20spreadsheet.xlsx>).

## Wellhead Protection Partner Grants (Pilot)

The Wellhead Protection Partner Grants (Pilot) program will provide grants to local governments to establish perpetual or long-term protection (20 year minimum) of wellhead protection areas with very high or high vulnerability drinking water supplies where state-held easements are not viable or desirable. The grants will be used to achieve wellhead protection through easement, acquisition, or other long-term (20 year minimum) protection mechanism. The protection mechanism may allow for alternative land uses that protect groundwater while allowing the partner more flexibility than a state-held easement. Permanent protection mechanisms will be prioritized for funding over non-permanent protection.

### Application deadline: August 23, 2019

- [Wellhead Protection Partner Grants Program Request for Proposals](https://bwsr.state.mn.us/sites/default/files/2019-07/Wellhead%20Protection%20Partner%20Grants%202019%20RFP%20063019.docx)  
(<https://bwsr.state.mn.us/sites/default/files/2019-07/Wellhead%20Protection%20Partner%20Grants%202019%20RFP%20063019.docx>).

## CREP Outreach and Implementation

The Board of Water and Soil Resources (BWSR) is accepting proposals from Minnesota Soil and Water Conservation Districts (SWCDs) within the CREP project area for funding under the CREP Outreach and Implementation project (as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR) and funded through the Environmental and Natural Resources Trust Fund (ENRTF). The purpose of the project is to accelerate staff capacity to deliver the MN CREP. These funds must supplement any existing Farm Bill Assistance (FBA) staff currently in place and may not be used as a substitute.

**Application deadline: July 15, 2019**

- [MN CREP Outreach and Implementation Program Request for Proposals](https://bwsr.state.mn.us/sites/default/files/2019-06/MNCREP_RFP.pdf)  
([https://bwsr.state.mn.us/sites/default/files/2019-06/MNCREP\\_RFP.pdf](https://bwsr.state.mn.us/sites/default/files/2019-06/MNCREP_RFP.pdf)).

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### CONTACT

#### Gwen Steel

Grants and Reporting Specialist

651-600-8390 (tel:651-600-8390)

[gwen.steel@state.mn.us](mailto:gwen.steel@state.mn.us)

(mailto:gwen.steel@state.mn.us)

# elm creek

## Watershed Management Commission

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item 10p

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TECHNICAL OFFICE  
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Department of Environment and Energy  
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Minneapolis, MN 55415  
PH: 612.348.7338  
E-mail: [james.kujawa@hennepin.us](mailto:james.kujawa@hennepin.us)

### **Peony Lane N. Trailhead** **Plymouth, Project #2019-018**

**Project Overview:** The City of Plymouth proposes to construct a trailhead facility along the east side of Peony Lane N near 51st Avenue. The project will span two construction seasons. During the 2019 construction season, two parking lots (north lot and south lot), a 12-foot wide trail connecting the two lots, a box culvert trail crossing of Elm Creek, and a playground area are proposed to be constructed. A patio area and three-season event facility are proposed to be constructed during the 2020 construction season. The Commission will review this site for compliance to our floodplain rule (Rule F), stormwater management (Rule D), buffer (Rule I), Bridge and Culvert Crossings, (Rule H) and erosion controls, (Rule E)

**Applicant:** City of Plymouth, Attention Diane Evans. 3400 Plymouth Blvd., Plymouth, MN 55447. Phone: 763-509-5201. Email: [devans@plymouthmn.gov](mailto:devans@plymouthmn.gov)

**Agent:** SRF Consulting Group Inc., Attention Steward Crosby. 1 Carlson Parkway N, Suite 120, Minneapolis, MN 55447. Phone: 763-452-4780. Email: [scrosby@srfconsulting.com](mailto:scrosby@srfconsulting.com)

#### **Exhibits:**

- 1) Elm Creek Watershed Management Commission Request for Plan Review and Approval received May 29, 2019 with application fee of \$1,575.00.
- 2) Peony Trailhead ECWMC application narrative by SRF, dated May 2019.
- 3) Peony Trailhead Site Plans by SRF, 53 of 53 sheets, no date, no signature.
- 4) Peony Trailhead Geotechnical Evaluation Report for BMP, dated May 17, 2019
- 5) Appendices C & D, Peony Trailhead drainage and hydrology design information.
- 6) Appendix E, MIDS and Water Quality Design information.
- 7) Appendices F & H, Floodplain and culvert information
- 8) Appendix I, Buffer Information

#### **Findings:**

- 1) A complete application was received on May 29, 2019. The 60-day decision period, per MN Statute 15.99 expires July 28, 2019.
- 2) Project work will consist of constructing two parking lots, a 12-foot wide trail connecting the two lots, a box culvert trail crossing of Elm Creek, and a playground area in 2019. A patio area and three-season event facility will be constructed during the 2020 construction season.
- 3) Approximately 4.7 acres of ground will be disturbed and 2.0 acres of new impervious areas created. Because a portion of the trail has grass buffers on both sides of it, only

1.75 acres of new impervious areas need to be treated for the Commission's water quality standards.

**Stormwater Management.**

- 4) Surface water flows on this project drain directly into Elm Creek before and after construction.
- 5) For stormwater management requirements, three new filtration basin BMP's will be installed in the parking lot areas. Two in the north lot and one in the south lot.
- 6) Peak flows for the 2, 10 and 100-year storm events (Atlas 14) will be lower after construction. This meets the Commission rate control standards. Pre and post-development flows are as follows;

	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)
<b>Pre-Development</b>	<b>8.6</b>	<b>17.3</b>	<b>37.6</b>
<b>Post-Development</b>	<b>5.9</b>	<b>11.6</b>	<b>32.0</b>

- 7) 1.75 acres of new impervious areas will require 6,988 cubic feet (0.16-acre feet) of storage area for abstraction. The three-filtration basins will provide approximately 18,750 cubic feet (0.43-acre feet) of storage. This will meet the Commission's abstraction requirements. All three basins will drain down within 7 hours. Five rain-guardian pretreatment chambers are proposed where the water enters the filtration basins.
  - a. The filtration basins will reduce total phosphorus to levels leaving this site to 2.4 lbs/year. This is the same level as pre-development phosphorus loads.
  - b. The filtration basins will reduce total suspended solids by 120 lbs/year over pre-development TSS loads (363 lbs/year pre- vs 243 lbs/year post-)

<b>Condition (based on 4.4 acres)</b>	<b>TP Load (lbs/yr)</b>	<b>TSS Load (lbs/yr)</b>	<b>Filtration (cu. ft.)</b>	<b>Annual Volume* (ac. ft.)</b>
Pre-development (baseline)	<b>2.4</b>	<b>363</b>	<b>N/A</b>	<b>2.41</b>
Post-development without BMPs	<b>4.8</b>	<b>806</b>	<b>6,988</b>	<b>5.26</b>
Post-development with BMPs	<b>2.4</b>	<b>243</b>	<b>18,740</b>	<b>3.72</b>
<b>Net Change</b>	<b>-0</b>	<b>-120</b>	<b>-11,752</b>	<b>+1.31</b>

\* Based on staff MIDS analysis

- 8) Floodplain Alteration. Construction of the culvert crossing and portions of the trail and playground will result in floodplain fill. Mitigation plans for this floodplain fill have not been provided for the Commission's review.
- 9) The new culvert construction over Elm Creek was analyzed for impacts to the flood levels upstream and downstream of it. The culvert will be a single 8' rise by 16' span, 52' in length. To analyze the effect of this new culvert, the original Elm Creek Watershed HEC-2 model was updated to a HEC-RAS model. The new model shows the water surface elevation upstream (toward Peony Lane) to remain virtually unchanged (water elevations -0.02' at Peony Lane to +0.05 feet rise on the west side of the culvert) due to the culvert being installed. Downstream of the culvert the 100-year elevation will increase +0.48'. The proposed stage increase (maximum of 0.48' for the 100-year event)

is less than allowed by Minnesota and FEMA requirements (0.5 feet and 1.0 feet respectively) and will meet the Commission's requirements. Generally where a new crossing results in stage increases, the ECWMC would require that a LOMA be submitted for the proposed changes. However, given that project is located on City of Plymouth land holdings, the impacts are on City land holdings, and the floodplain maps are in the process of being revised, no LOMA submittal is needed at this time.

10) The MN DNR must permit this stream crossing.

11) Wetland buffers will meet the ECWMC requirements. For the creek corridor a 50 foot average with 25' minimum and the wetland edge a 10' minimum with a 25' average are provided.

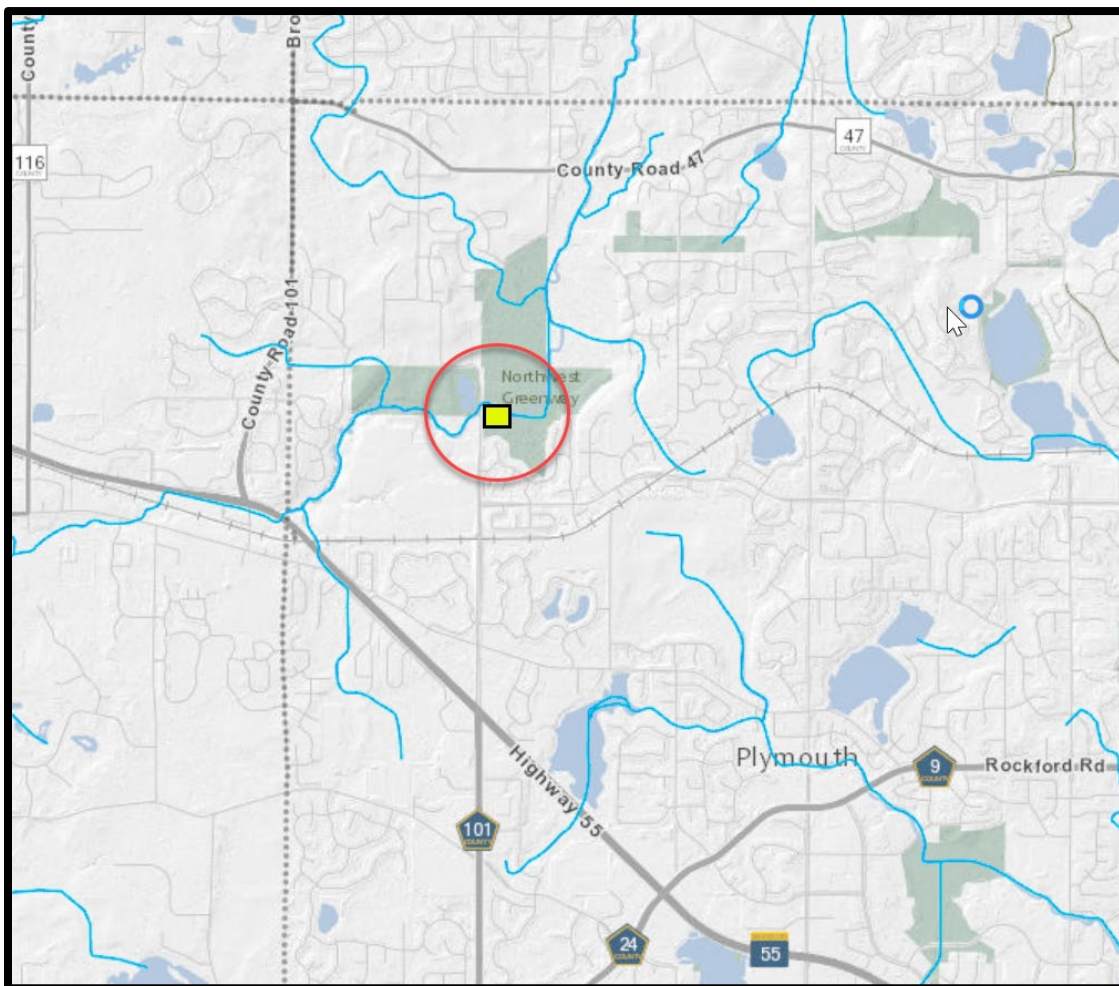
**Recommendation:** None at this time. The fill proposed for portions of this project will affect floodplain storage volumes. The Commission's rules require in-kind volume compensation for the fill impacts. None has been provided to date.

Hennepin County  
Department of Environment and Energy  
Advisor to the Commission

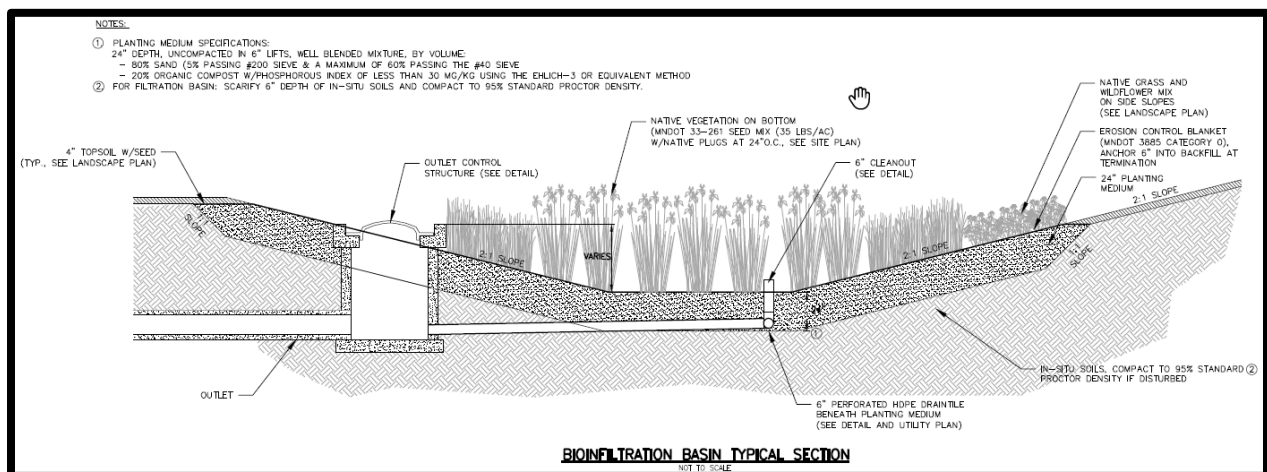
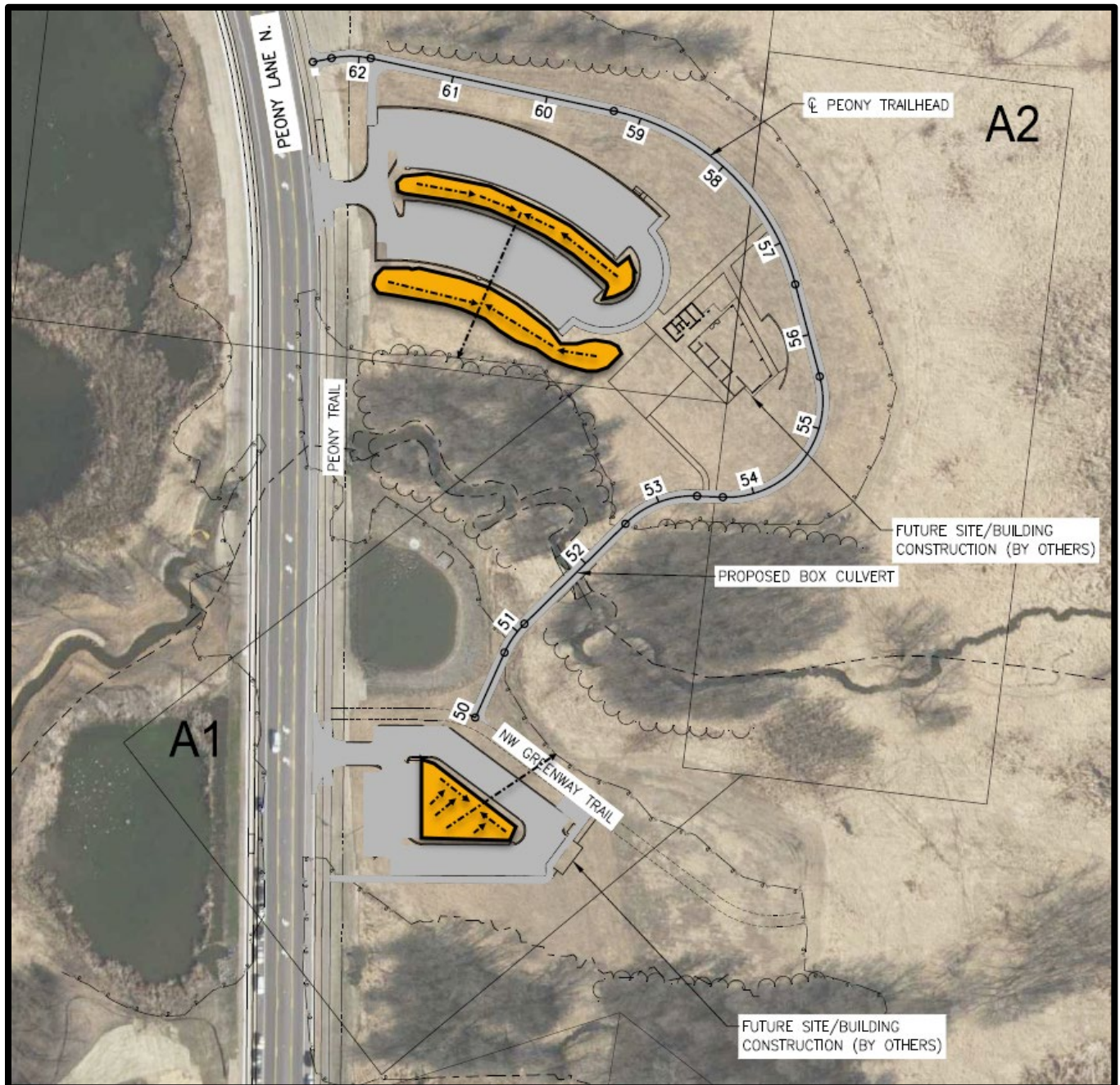


July 2, 2019

Location Map

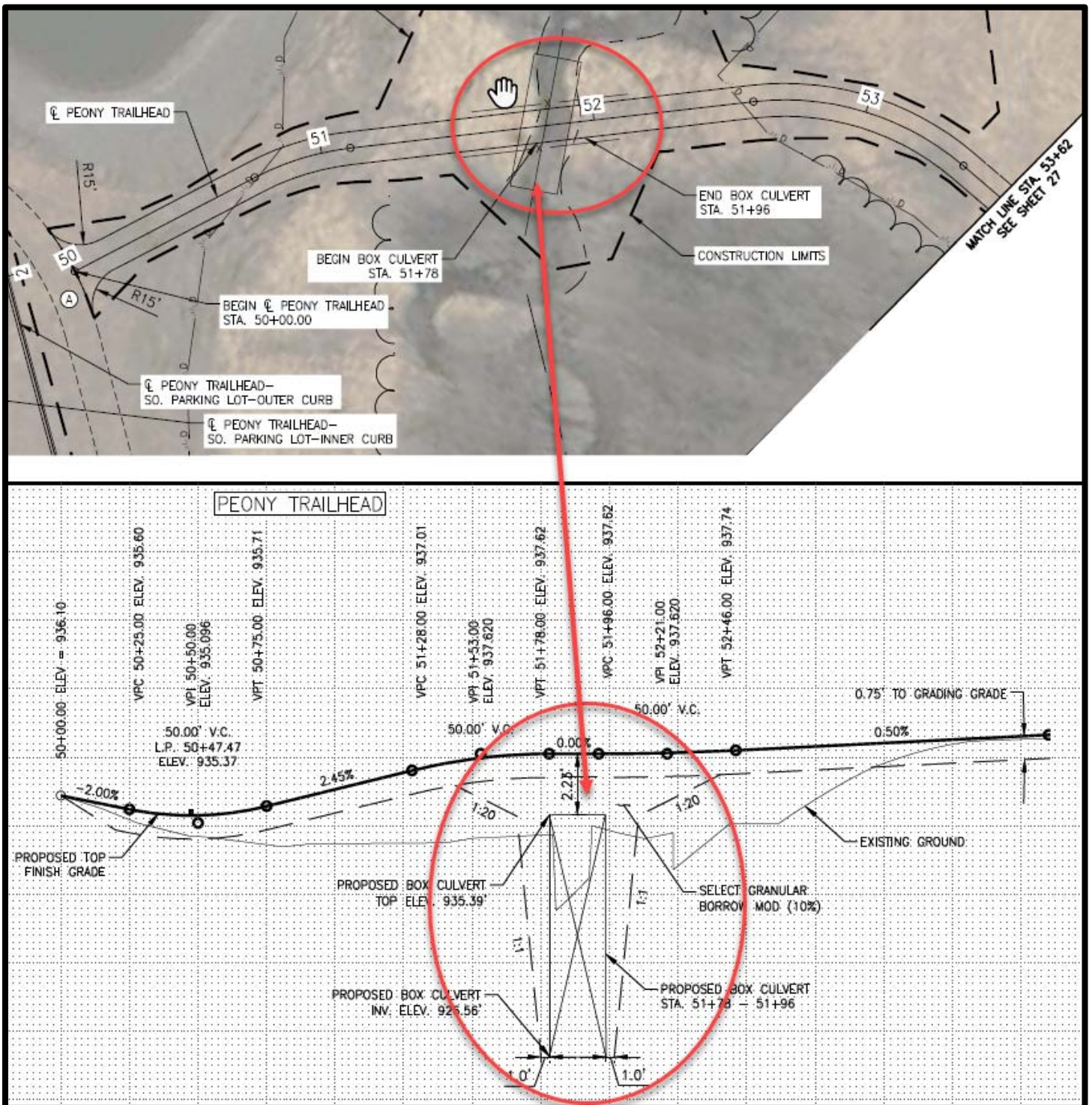








16' x 8' Box Culvert Crossing at Elm Creek





# elm creek

## Watershed Management Commission

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June 17, 2019

Mitchell Wolff  
Hennepin County  
1600 Prairie Drive  
Medina, MN 55340

via email

Re: General Permit Application for Culvert Replacement  
Project Review 2019-020

Dear Mr. Wolff:

The Elm Creek Watershed Management Commission's Technical Staff has received your request for a general permit for work described in your letter dated March 25, 2019 and your project review application received June 7, 2019, i.e.,

Replacement of culvert at CSAH 50 and CSAH 10, Corcoran, Minnesota

Upon review, Staff has determined that this project qualifies under the Commission's **General Permit for Road Maintenance Projects**. General Permit 2019-020 is hereby granted. The County may proceed with the construction of these projects.

Regards,



Judie A. Anderson  
Administrator  
JAA:tim

cc Ken Guenthner, Commissioner (email)  
Jason Swenson, HCEE (email)  
James Kujawa, HCEE (email)

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