

elm creek Watershed Management Commission

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TECHNICAL OFFICE
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October 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, October 9, 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 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

Z:\Elm Creek\Meetings\Meetings 2019\10 Notice_reg and TAC meetings.docx

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AGENDA Regular Meeting October 9, 2019

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

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. *(Also see Staff Report. *)*
 - a. Selection of Technical Services Provider – recommendation of TAC.
 - b. Selection of FEMA Mapping Consultant – recommendation of TAC.
 - c. Project Reviews.
 - 10.m. 2019-025 Dayton Parkway Interchange, Dayton.*
5. Old Business.
6. New Business.
 - a. 2019 Subwatershed Assessments.
 - 1) Criteria.*
 - 2) Application.*
7. Communications.
8. Education.
 - a. WMWA - Update.**
9. Grant Opportunities and Updates.
 - a. North Fork Rush Creek SWA Grant Program.
 - b. Fish Lake Alum Treatment - update.

*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 th 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 Mayers Wetland/floodplain violation, Corcoran.
ao.			R	AR	2018-018	Summers Edge Phase II, Plymouth.
f.					2018-020	North 101 Storage, Rogers.
ap.				AR	2018-026	Windrose, Maple Grove.
aq,				AR	2018-028	Tricare Third Addition, Maple Grove.
ar.					2018-038	Vincent Woods of Roger.
as.				AR	2018-044	OSI Phase II, Medina.
g.					2018-046	Graco, Rogers
at.				AR	2018-048	Faithbrook Church Phase 2, Dayton.
h.					2019-001	Fernbrook View Apartments, Maple Grove.
au.					2019-002	Parkside Villas, Champlin.
i.					2019-016	Rogers Retail Development, Rogers.
j.					2019-018	Peony Lake Trailhead, Plymouth.
av.					2019-021	Brenly Meadows, Rogers.
aw.					2019-022	Comlink Midwest, Corcoran.
k.					2019-023	99th Avenue Apartments, Maple Grove.
l.					2019-024	Boston Scientific Weaver Lake Road Building 2 East Addition, Maple Grove.
m.	A	E			2019-025	Dayton Parkway Interchange, Dayton.
n.					2019-026	Interstate Power Systems, Rogers.
o.					2019-027	Havenwood at Maple Grove.

= Action item E = Enclosure provided I = Informational update will be provided at meeting RPFI - 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.

Z:\Elm Creek\Meetings\Meetings 2019\10 Regular Meeting Agenda .docx

*in meeting packet

**available at meeting or on website

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Minutes Regular Meeting and Public Hearing September 11, 2019

I. A regular meeting of the Elm Creek Watershed Management Commission was called to order at 11:32 a.m., Wednesday, September 11, 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; Terry Sharp, Medina; Fred Moore, Plymouth; James Kujawa, Karen Galles, and Kirsten Barta, Hennepin County Dept. of Environment and Energy (HCEE); Amy Timm, 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 and Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Rita Weaver, MnDNR, for item IV; and Andrew Siffert, Weaver Lake Conservation Association, for item II.

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

B. Motion by Walraven, second by Guenther to approve the **minutes*** of the August 14, 2019, regular meeting with the following correction to item VIII.C.:

Motion by Trainor, second by Walraven to approve WMWA action to secure a contractor as described above at \$40/hour, 30 hours ~~weekly~~ monthly.

Motion carried unanimously.

C. Motion by Moore, second by Guenther to approve the September **Treasurer's Report and Claims*** totaling \$209,203.83. *Motion carried unanimously.*

II. Open Forum.

Andrew Siffert, president of the **Weaver Lake Conservation Association**, gave a presentation on the activities of the association. They have 71 members comprising 70% of the lakeshore owners and have experienced consistently strong community engagement. He outlined their 5-year lake management plan and requested the Commission's support for a Weaver Subwatershed Assessment (SWA) to help identify and prioritize watershed and internal load projects to help improve the water quality of the lakeshed.

Asche noted that Weaver Lake is in line for a SWA. Maple Grove develops its lake improvement program through their 12-member Lake Quality Commission.

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

RULE G - WETLAND ALTERATION
RULE H - BRIDGE AND CULVERT CROSSINGS
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*[The regular meeting was suspended at 12:02 p.m.]***III. Public Hearing.**

On April 10, 2019, the Commission, upon recommendation of its Technical Advisory Committee (TAC), approved a motion to move forward with a Minor Plan Amendment (MPA) to its Third Generation Watershed Management Plan to revise the Capital Improvement Program (CIP). The MPA would revise Table 4.5 of the Commission's Third Generation Plan CIP in order to add three projects, remove one project, and shift the timing or funding of six projects currently listed on the CIP. These new projects and project updates were submitted by the member cities. Following a public meeting conducted by the Commission on May 8, 2019, the Commission adopted Resolution 2019-02 Adopting a Minor Plan Amendment.

Doug Baines, representative from Dayton and Commission chair, was present at a meeting of a Committee of the Hennepin County Board on June 25, 2019, to answer questions regarding the amendment. The County Board approved the Minor Plan Amendment and adopted a 2019 maximum levy of \$448,935 for the Elm Creek Commission on July 9, 2019. The proposed projects for which the levy will be certified are:

Project 2019-01	Rush Creek Main Stem Stream Stabilization Project Phase 3, Maple Grove	\$ 26,513
Project 2019-02	Ranchview Wetland Restoration, Maple Grove	\$132,563
Project 2019-03	Agricultural BMPs Cost Share, watershedwide (withdrawn)	\$ 21,234
Project 2019-04	Hickory Drive Stormwater Improvement, Medina	\$ 81,471
Project 2019-05	Downtown Regional Stormwater Pond, Corcoran	\$ 28,079
Project 2019-06	Elm Creek Stream Restoration Phase IV, Champlin	<u>\$159,075</u>
		\$448,935
		\$427,701

Staff's September 4, 2019 memo* describes the projects and shows the subsequent revisions to the CIP. A copy of the Legal Notice* of this Public Hearing published in the August 26 and September 6 editions of the *Osseo-Maple Grove Press* and the amended CIP* were also included in the meeting packet. The purpose of this hearing is to present the proposed projects and proposed financing and to take comment from the member cities and the public.

The Commissioners and members of the Technical Advisory Committee continued their previous discussion regarding Project 2019-02. Asche reported that conversations are still being held with the affected landowners regarding the creation of a wetland bank and associated banking credits. At this time he requested that this project be withdrawn from the Commission's 2019 CIP and moved to a future year. Motion by Guenthner, second by Trainor directing the TAC to develop a policy for future wetland restoration projects. *Motion carried unanimously.*

*[The hearing was suspended and the regular meeting resumed at 12:17 p.m.]***IV. FEMA Floodplain Mapping.**

Hennepin County staff has been in contact with the DNR Floodplain Hydrologist, Rita Weaver. With the resignation of Jason Swenson from HCEE, the DNR prefers to terminate the contract with the Commission and reimburse it based on the deliverables received. County Staff met with DNR staff on August 9, 2019 to provide them with the materials Swenson had compiled to date. Weaver was present at this meeting to provide a further update.

She indicated that none of the deliverables are usable. At this time it is up to the Commission to decide

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whether to contract with a consulting firm to undertake the project under the price and terms of the agreement already in place with the DNR or request the DNR to do the work. Weaver stated that Barr Engineering and Wenck Associates are already doing this same type of FEMA work on a pass-through grant for other watershed organizations in the Twin Cities and, thus, are familiar with the scope, schedule, and potential workload. Commission Staff have provided Barr and Wenck with copies of Attachment A of the grant agreement to determine if they would have an interest in completing the work under the terms therein. Both firms have preliminarily replied in the affirmative.

Weaver is seeking a response within the month on how the Commission would like to proceed. The grant agreement/attachment would not need to be revised unless the Commission wanted to do so.

Motion by Moore, second by Walraven to keep the work in-house and to call a meeting of the TAC to recommend to the Commission at their October meeting whether Barr or Wenck would perform the work. *Motion carried unanimously.*

[The meeting was suspended and the public hearing resumed at 12:45 p.m.]

III. Public Hearing, continued

The Commissioners discussed whether the total project cost should include the costs of the clean-out portions of Project 2019-05.

[Chairman Baines opened the Public Hearing at 1:09 p.m.]

No comments were received from the reviewing agencies, the member cities, or the public.

[Chairman Baines closed the Public Hearing at 1:10 p.m.]

Motion by Moore, second by Trainor to withdraw Project 2019-02 from the Commission's 2019 CIP and move it to a future year on the CIP. *Motion carried unanimously.*

Motion by Moore, second by Walraven to certify Projects 2019-01, 2019-04, and 2019-06 for the 2019 levy. *Motion carried unanimously.*

Motion by Guenthner, second by Moore to retain Project 2019-05 on the Commission's 2019 CIP and to certify it at a project cost of \$105,410. *Motion carried: approved - Corcoran, Maple Grove, Medina and Plymouth; opposed - Champlin and Dayton.*

Motion by Moore, second by Walraven to approve *Resolution 2019-03 Ordering 2019 Improvement Projects, Designating Members Responsible for Construction and Making Findings and Designating Commission Cost-Share Funding.** *Motion carried unanimously.* The resolution will be revised to incorporate the foregoing action.

A copy of the letter certifying the projects that will be sent to the County was also included in the meeting packet. It, too, will be revised to incorporate the Commission's actions.

[The meeting was resumed at 1:18 p.m.]

V. Action Items.

A. Project Review 2019-023 99th Avenue Apartments, Maple Grove.* This is part of a 20.4-acre PUD proposed on the Hy-Vee North property located at the southeast corner of Maple Grove Parkway and MNDOT Highway 610. The site is proposed to be divided into two parcels. The west parcel will be approximately

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12.0 acres and be used for the Hy-Vee development. This apartment project comprises the eastern 8.42 acres. The Hy-Vee development was reviewed and approved by the Commission under project 2016-047 and is considered active by the City of Maple Grove. This apartment project was part of the overall stormwater management plan and PUD factored into the Commission's approval but was not proposed for construction at that time. A stormwater facility along the Highway 610 ROW was approved as part of a shared facility to manage stormwater from both projects. The PUD will create 12.25 acres of new impervious surface (about 60% impervious cover). The apartment site plans trigger the Commission's review for Rules D, E, and I.

In their findings dated September 4, 2019 Staff recommends approval of the project contingent upon: (1) a City and Commission-approved stormwater system operation and maintenance plan being recorded on the property title, and (2) restrictive covenants outlining the buffer installation, management, and performance standards being received and recorded on the property title. The covenants may allow for a signage structure per the location and dimensions (4'x10') provided on the site plan. Motion by Moore, second by Guenther to approve Staff's recommendation with reference to the stormwater plan from Project 2016-47. *Motion carried unanimously.*

B. Project Review 2019-024 Boston Scientific Weaver Lake Road, Building 2 East Addition, Maple Grove.* Boston Scientific is building an addition on the east side of Building 2 to provide more production and office space for their existing facility. The project includes moving the existing service drive and site utilities on the east side of Building 2 to the east within the BSC property to create space for the building addition. About 1.9 acres of the site will be disturbed and 1.06 acres of impervious surface will be added. This project is being reviewed for compliance to Rules D, E, F, and I.

In their findings dated September 11, 2019 Staff recommended approval of this project contingent upon receipt of (1) a site plan showing the areas to be irrigated by the new system and (2) an operations and maintenance plan for the irrigation system that is approved by the City and the Commission and recorded on the land title. If the applicant wishes to proceed with grading before the Commission's approval, they do so (a) assuming any and all risks associated with changes to the site plan necessary to comply with the Commission's decision and (b) receiving the appropriate permits from the City of Maple Grove. Motion by Moore, second by Walraven to approve Staff's recommendation. *Motion carried unanimously.*

VI. Watershed Management Plan.**VII. Old Business.**

A. While the **Technical Services** Subcommittee has met and brought forward its recommendation, members of the Technical Advisory Committee strongly requested that the responses to the RFP be referred to the TAC for evaluation and recommendation to the Commission. Motion by Moore, second by Guenther to table the report from the Subcommittee, referring the matter to the TAC, and placing this item on the October meeting agenda for a decision. *Motion carried unanimously.* The TAC will meet prior to the regular October 9 meeting.

B. Project Review 2017-050 Ernie Mayers, Corcoran.* Included in the meeting packet was a summary of Technical Evaluation Panel (TEP) findings from their August 13, 2019 meeting. Revised addendums for three areas remain outstanding.

C. Buffer review has been completed for Corcoran, Rogers, and Medina. Those parcels found to be non-compliant have been sent to the state for enforcement and the landowners notified by US Mail of that action. Hennepin staff will work with those residents who are subject to enforcement actions at the request of BWSR, but will otherwise await findings.

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VIII. New Business.**IX. Education and Public Outreach.**

A. Project Coordinator Position.* A position description was considered at the August 13, 2019 meeting of WMWA. The person in this position would be used to update the current Education and Outreach Plan and keep it up-to-date moving forward, develop annual work plans, keep abreast of metro-wide practices, maintain the website, attend WMWA meetings, and coordinate Metro Blooms workshops. Additional duties may be added in the future. The Special Projects budget line item would be used to fund the position and would need partner approval.

Catherine Cesnik, Elm Creek Alternate Commissioner representing Plymouth, is interested in assuming this position. WMWA members voted to approve the position and funding through the special projects fund. At last month's meeting the Commission approved WMWA action to secure a contractor as described at \$40/hour, 30 hours monthly.

In the meeting packet is a WMWA memo* iterating this information along with a position description* for the Project Coordinator. Motion by Guenthner, second by Walraven to approve the position description. *Motion carried unanimously.*

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

X. Communications.**XI. Grant Opportunities and Project Updates.**

A. Brian Vlach provided an update* on the **second alum treatment for Fish Lake** in his September 4, 2019 email.

B. Rush Creek Subwatershed Assessment Implementation. Staff anticipate having contracts signed by September 1, 2019 for projects to be completed in September/October.

C. Construction was completed on the **Elm Creek Stream Restoration project** on June 25. Estimated project completion date is October 30, 2020.

D. Deadline for **BWSR Clean Water Fund Competitive Grant** applications is September 9, 2019.

E. Hennepin County will award one or two **Opportunity Grants*** from applications received before September 27, 2019.

XII. Other Business.

A. The **projects** listed on the following page are discussed in the October Staff Report.

B. Adjournment. There being no further business, the meeting was adjourned at 2:00 p.m.

Respectfully submitted,



Judie A. Anderson

Recording Secretary/JAA:tim

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Item No.					Project No.	Project Name
					W Denotes wetland project	
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 th 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.		E			2017-050W	Ernie Mayer Wetland/floodplain violation, Corcoran.
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i.					2019-001	Fernbrook View Apartments, Maple Grove.
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o.	A	E			2019-024	Boston Scientific Weaver Lake Road Bldg 2 East Addn, MG.
p.		E			2019-025	Dayton Parkway Interchange, Dayton.

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

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Elm Creek Watershed Management Commission 2019 Treasurer's Report

		2019 Budget	Sept 2019	Oct 2019	2019 Budget YTD
EXPENSES					
Administrative		90,000	6,185.90	6,530.74	70,681.95
Watershed-wide TMDL Admin		1,500			0.00
Grant Writing		4,000			0.00
Website		5,000	229.35		767.55
Legal		2,000	174.00		391.00
Audit		5,000			4,500.00
Insurance		3,900			2,865.00
Miscellaneous/Contingency		1,000			0.00
Project Reviews	HCEE	97,400			41,302.28
Project Reviews	Consult	15,000			7,713.00
Project Reviews	Admin	15,000	799.52	555.68	6,346.53
WCA-Technical	HCEE	18,200			2,565.86
WCA	Legal	500			31.00
WCA	Admin	2,000			369.95
Floodplain Mapping	Technical	46,386			16,046.98
Stream Monitoring USGS		41,000		5,210.00	20,840.00
Stream Monitoring TRPD		6,875			0.00
TMDL Follow-up - TRPD		2,500			0.00
Rain Gauge		250	17.70	19.51	157.12
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	16.61	91.75	2,334.31
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			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	1,672.09	975.22	4,413.77
Plan Amendments		2,000	188.28		1,395.21
<i>Transfer to (from) Encumbered Funds (see below)</i>					0.00
<i>Transfer to (from) Capital Projects (see CIP Tr</i>		490,000	513.88		67,274.08
<i>Transfer to (from) Cash Sureties (see below)</i>			314.50	22.50	3,297.97
<i>Transfer to (from) Grants (see below)</i>			199,092.00	-	199,092.00
<i>To Fund Balance</i>					0.00
TOTAL - Month			209,203.83	13,405.40	459,385.56
TOTAL Paid in 2019, incl late 2018 Expenses		920,796.00	554,337.63	567,743.03	2019 Paid
Note 1: \$50,000 2019 Budget 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	Sept 2019	Oct 2019	2019 Budget YTD
INCOME					
<i>From Fund Balance</i>					
Project Review Fee		80,000	3,213.80		28,143.00
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	2,113.62		21,510.76
Transfer to (from) Capital Projects (see CIP Tr		490,000			234,945.75
Transfer to (from) Cash Sureties (see below)					
Transfer to (from) Grants (see below)			-	-	5,028.00
Misc Income					0.00
Total - Month			5,327.42	0.00	521,582.32
TOTAL Rec'd 2019, incl late 2018 Income		817,400.00	530,722.00	530,722.00	2019 Received
CASH SUMMARY		Balance Fwd			
Checking		0.00			
4M Fund		1,303,038.87	1,279,423.24	1,266,017.84	
Cash on Hand			1,279,423.24	1,266,017.84	
CASH SURETIES HELD		Balance Fwd			Activity 2019
WCA Escrows Received		30,000.00			1,000.00
WCA Escrow Reduced		0.00	314.50	22.50	17,222.53
Total Cash Sureties Held		30,000.00	13,799.97	13,777.47	
RESTRICTED / ENCUMBERED FUNDS		Balance Fwd			
Restricted for CIPs		732,761			
Restricted for Closed Project Funds		1,222			
Enc. Studies / Project Identification / SWA		175,297			
Projects Ineligible for ad valorem					
Total Restricted / Encumbered Funds		909,280	909,280.00	909,280.00	
			Sept 2019	Oct 2019	2019 Budget YTD
GRANTS					
Fish Lake CWLA					
Revenue					-
Expense			199,092.00		199,092.00
Balance			(199,092.00)	-	(199,092.00)
Rush Creek SWA					
Revenue					5,028.00
Expense					-
Balance			-	-	5,028.00
BWSR Watershed-based Funding					
Revenue					-
Expense					-
Balance			-	-	-
TOTAL GRANTS					
Revenue			-	-	5,028.00
Expense			199,092.00	-	199,092.00
Balance			(199,092.00)	-	(194,064.00)

Elm Creek Watershed Management Commission 2019 Treasurer's Report

Claims Presented		General Ledger Account No	September	October	TOTAL
Campbell Knutson - Legal		521000			0.00
Connexus - Rain Gauge		551100		19.51	19.51
Barr Engineering - Proj Rev Consultant		578050			0.00
Barr Eng - Consultant Ravinia		240201			
U S Geological Survey - Stream Monitoring		551000		5,210.00	5,210.00
JASS					8,175.89
Administration		511000		6,287.31	
TAC Support		511000		144.22	
Annual Report		511000			
Website		581000			
Project Reviews		578100		555.68	
WCA		579000			
WCA Admin Reimbursable Mayers		240301		22.50	
Plan Amendment		541500			
Education		590000		91.75	
CIPs General		563001		975.22	
CIPs Fish Lake Alum Trmt Ph 1		563001			
Grant Opportunities		511000			
Grant - Fish Lake CWLA		511000		20.90	
Grant - Rush Creek SWA		511000			
Floodplain Mapping Admin		511000		78.31	
TOTAL CLAIMS					13,405.40

**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	AUG 2019	SEP 2019	OCT 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 Stabil	80,312.00	16.296															
	Revenue			-	80,353.26	(98.25)							(772.06)				(772.06)	79,482.95
	Expense			106.32	-	-											-	106.32
	Balance			(106.32)	80,353.26	(98.25)					-		(772.06)				(772.06)	79,376.63
	2016-04 Rush Creek Main Stem Restora	75,000.00	15.219															
	Revenue			-	75,042.75	(91.75)							(721.02)				(721.02)	74,229.98
	Expense			106.32	-	-											-	106.32
	Balance			(106.32)	75,042.75	(91.75)					-		(721.02)				(721.02)	74,123.66
	2016-05 Fish Lake Alum Trmt Phase 1	75,000.00	15.219															
	Revenue			-	75,042.75	(91.75)							(721.02)				(721.02)	74,229.98
	Expense			106.32	-	-											-	106.32
	Balance			(106.32)	75,042.75	(91.75)					-		(721.02)	-	-		(721.02)	74,123.66
	2017-01 Fox Creek Phase 3 Streambank	112,500.00	25.714															
	Revenue			-	-	112,347.11							84.46				84.46	112,431.57
	Expense			-	135.85	-											-	135.85
	Balance			-	(135.85)	112,347.11					-		84.46				84.46	112,295.72
	2017-03 Mill Pond Fishery & Habitat Res	250,000.00	57.143															
	Revenue			-	-	249,663.63							187.69				187.69	249,851.32
	Expense			-	135.86	-											-	135.86
	Balance			-	(135.86)	249,663.63					-		187.69				187.69	249,715.46
	2017-04 Rain Garden at Independence A	75,000.00	17.143															
	Revenue			-	-	74,899.52							56.30				56.30	74,955.82
	Expense			-	135.85	-											-	135.85
	Balance			-	(135.85)	74,899.52					-		56.30				56.30	74,819.97
	2018-01 Rush Creek Ph 3 Main Stem St	75,000.00	16.216															
	Revenue			-	-	-							38,404.58				38,404.58	38,404.58
	Expense			-	-	115.18											-	115.18
	Balance			-	-	(115.18)					-		38,404.58				38,404.58	38,289.40
	2018-02 Elm Creek Reach D Stream Re	212,500.00	45.946															
	Revenue			-	-	-							108,814.55				108,814.55	108,814.55
	Expense			-	-	115.18											-	115.18
	Balance			-	-	(115.18)					-		108,814.55				108,814.55	108,699.37
	2018-03 Elm Creek Phase III Stream Re	100,000.00	21.622															
	Revenue			-	-	-							51,207.69				51,207.69	51,207.69
	Expense			-	-	115.18											-	115.18
	Balance			-	-	(115.18)					-		51,207.69				51,207.69	51,092.51

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	AUG 2019	SEP 2019	OCT 2019	TOTAL 2019	TOTAL ALL YEARS
	2018-04 Downs Road Trail Rain Garden	75,000.00	16.216															
	Revenue			-	-	-							38,404.58				38,404.58	38,404.58
	Expense			-	-	115.18											-	115.18
	Balance			-	-	(115.18)					-		38,404.58				38,404.58	38,289.40
	2019-01 Rush Creek Main Stem Ph 3	25,000.00																
	Revenue			-	-	-											-	-
	Expense			-	-	-									102.77		102.77	102.77
	Balance			-	-	-					-		-	-	(102.77)		(102.77)	(102.77)
	2019-02 Ranchview Wetland Restoration	125,000.00																
	Revenue			-	-	-											-	-
	Expense			-	-	-									102.78		102.78	102.78
	Balance			-	-	-					-		-		(102.78)		(102.78)	(102.78)
	2019-04 Hickory Drive Stormwater Improv	76,823.00																
	Revenue			-	-	-											-	-
	Expense			-	-	-									102.78		102.78	102.78
	Balance			-	-	-					-		-		(102.78)		(102.78)	(102.78)
	2019-05 Downtown Regional Stormwater	26,477.00																
	Revenue			-	-	-											-	-
	Expense			-	-	-									102.77		102.77	102.77
	Balance			-	-	-					-		-		(102.77)		(102.77)	(102.77)
	2019-06 Elm Creek Restore Ph IV	150,000.00																
	Revenue			-	-	-											-	-
	Expense			-	-	-									102.78		102.78	102.78
	Balance			-	-	-					-		-		(102.78)		(102.78)	(102.78)
TOTAL CIP																		
	Revenue			249,795.17	494,329.63	436,392.95	-	-	-	-	-	-	196,541.17	-	-	-	196,541.17	1,508,629.05
	Expense			812.59	407.56	570.54	-	-	-	-	-	-	-	-	513.88	-	513.88	8,532.35
	Payments			245,276.36	1,836.48	322,859.09	-	-	-	-	66,760.20	-	-	-	-	-	66,760.20	636,732.13
	Balance			3,706.22	492,085.59	111,741.60	-	-	-	-	(66,760.20)	-	196,541.17	-	(513.88)	-	129,146.74	862,022.50
CLOSED PROJECT FUND																		
	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
TOTAL CIP & Closed Project Fund																		863,364.57
COMPLETED PROJECTS \$0 BALANCE																		
	2016-02 Miss River Shore Repair/Stabilization					COMPLETE												
	2016-03 EC Dam at Mill Pond					COMPLETE												



Monthly Statement

Service Address
ELM CREEK RD
DAYTON MN

Billing Summary

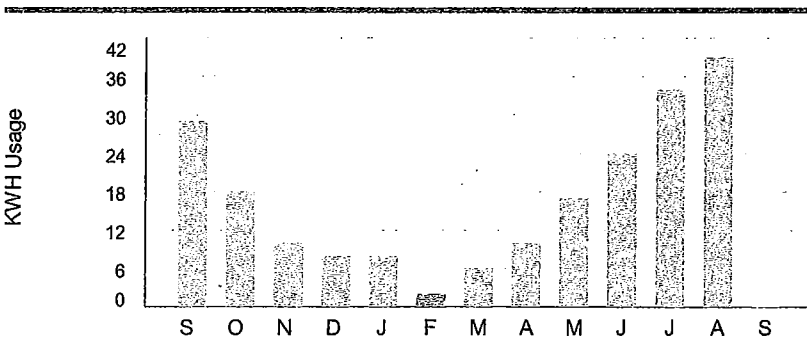
Billing Date: Sep 17, 2019

Previous Balance	\$17.70
Payments - Thank You!	\$17.70
Balance Forward	\$0.00
New Charges	\$19.51

Total Amount Due **\$19.51**

Payment must be received on or before October 13, 2019

Energy Comparison



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
www.connexusenergy.com
Gopher State One Call - 811
14601 Ramsey Boulevard, Ramsey, MN 55303

Account Number:
481113-238425

item 02b

ELM CREEK WATERSHED MGMT ORG

Total Amount Due

\$19.51

Due Date

October 13, 2019

Message Center

Cold Weather Rule

The Minnesota Cold Weather Rule helps protect residential energy customers from service disconnection from October 15 through April 15. To meet the Cold Weather Rule requirements, all accounts must be up to date by October 15. *This rule does not relieve you of your responsibility to pay your utility bills.* For more information, go to connexusenergy.com or call Member Service at 763.323.2650.

\$500 Electric Vehicle (EV) charger rebate

Get a \$500 rebate when you install a Level 2 charger in your home for charging your electric vehicle. To qualify, you must be enrolled in our Time-of-Day or Off-Peak rate programs. Get the details at connexusenergy.com.

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

TRA3-D-007528/007293 AGXCHQ S1-ET-M1-C00002 1



Account Number:

481113-238425

Total Amount Due

\$19.51

Payment Due By

October 13, 2019



007528 1 AB 0.409 003537/007528/007293 027 02 AGXCHQ
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325



Connexus Energy
PO Box 1808
Minneapolis, MN 55480-1808

00001951 0004811130238425 000000 00000 000000000000 0000002

DI-1040

UNITED STATES DEPARTMENT OF THE INTERIOR
DOWN PAYMENT (BILL) REQUEST

Page:1

Make Remittance Payable To: U.S. Geological Survey
Billing Contact: Angela Hughes, Adm. Ops. Asst. Phone: 651-280-5735

Bill #: 90757455
Customer: 6000001534
Date: 09/12/2019
Due Date: 11/11/2019

Remit Payment To: United States Geological Survey
P.O. Box 6200-27
Portland, OR 97228-6200

Payer: Elm Creek Conservation Mgmt. & PC
Judie Anderson
3235 Fernbrook Lane
Plymouth MN 55447

Additional forms of payment may be accepted. Please email GS-A-HQ_RMS@USGS.GOV or call 703-648-7683 for additional information.

To pay through Pay.gov go to <https://www.pay.gov>.

Checks must be made payable to U.S. Geological Survey. Please detach the top portion or include bill number on all remittances.

Amount of Payment: \$ _____

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
09/12/2019	Billing for the operation and maintenance of a gaging station and water-quality sampling on Elm Creek near Champlin. 18NQJFA0020	1	5,210.00	1	5,210.00

Amount Due this Bill: 5,210.00

Accounting Classification:

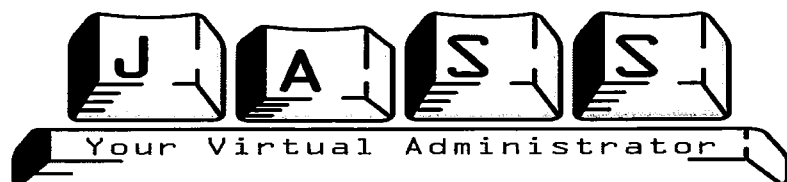
Sales Order: 77379

Sales Office: GENK

Customer: 6000001534

Accounting #: 11029721

TIN: *****6985



3235 Fernbrook Lane
Plymouth MN 55447

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

3-Oct-19

Total by
Project Area

Administrative	3.50	55.00	192.50	
Administrative	56.23	60.00	3,373.80	
Admin - Offsite	3.66	70.00	256.20	
Office Support	9.75	200.00	1,950.00	
Storage Unit	1.00	140.62	140.62	
Admin - Reimbursable Expense	374.19	1.00	374.19	6,287.310
Admin - TAC support		55.00	0.00	
Admin - TAC support	2.40	60.00	144.00	
Admin - TAC support offsite		70.00	0.00	
TAC Support - Reimbursable Expense	0.22	1.00	0.22	144.220
Website		55.00	0.00	
Website		60.00	0.00	
Website - Reimbursable Expense		1.00	0.00	
Web Domain, hosting thru June 2020		1.00	0.00	0.000
Project Reviews - Secre		55.00	0.00	
Project Reviews - Admin	7.66	60.00	459.60	
Project Reviews - Reimbursable Expense	96.08	1.00	96.08	555.680
WCA - Reimbursable Expense - Mayers	22.50	1.00	22.50	22.500
Education - Secretarial		55.00	0.00	
Education - Admin		60.00	0.00	
Education - Admin Offsite	1.21	70.00	84.70	
Education - Reimbursable Expense	7.05	1.00	7.05	91.750
CIPs - General - Secretarial	0.50	55.00	27.50	
CIPs - Administrative	11.24	60.00	674.40	
CIPs- Offsite Admin	0.60	70.00	42.00	
CIPs - reimbursables	231.32	1.00	231.32	975.220
Fish Lake CWLA - Admin		55.00	0.00	
Fish Lake CWLA - Admin		60.00	0.00	
Fish Lake CWLA - Reimbursables	20.90	1.00	20.90	20.900
Floodplain mapping - admin	1.17	60.00	70.20	
Floodplain mapping reimbursable expense	8.11	1.00	8.11	78.310

Invoice Total

8,175.890

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

October 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 with six conditions. Three conditions remain outstanding and are expected to be addressed during final design: 4) an O&M Plan for the pond and biofiltration basin must be 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. 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 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. *(Note: also see Project 2019-023 99th Avenue Apartments. That project is part of this PUD and will have the same requirements prior to approval.)* No new information on the Hy-Vee site plan 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 of the deadline per MN statute 15.99 to December 31, 2019. According to the agent for this project,

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

a new layout and project application were 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. Technical Evaluation Panels (TEPs) were held in 2017 and 2018 to assess the nature and extent of the violations and a restoration order was issued to Mayers. On October 30, 2018, an appeal of the restoration order was received by BWSR. BWSR issued an order of abeyance (stay) on the appeal until April 1, 2019. An application for a 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. An updated replacement plan was received by the City of Corcoran on July 24, 2019. *A TEP was held on August 13 to discuss the plan. Corcoran extended the deadline for their decision to November 21, 2019. Mayers' wetland consultant indicated they were putting together a plan to comply with most, if not all, of the components for the restoration plan recommended by the TEP.*

f. 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.

g. 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 a letter from the City of Rogers 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.

h. 2019-001 Fernbrook View Apartments, Maple Grove. This is a 4.85-acre rural residential lot located at the northeast 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 was placed on hold by the applicant. In an email dated Sept. 4, 2019, the applicant stated that construction is scheduled to begin May 1, 2020 and they will start revising the plans per Commission comments in the next few weeks.

i. 2019-016 Rogers Retail Development, Rogers. This project is located at the southwest 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.

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

This project was approved by the Commission at their July 2019 meeting contingent upon the applicant meeting five conditions outlined in Staff findings signed July 19, 2019. As of this month the applicant has recorded the D&U easement and agreements over the underground chamber system. Staff are awaiting the actual recorded documents and the information on the infiltration on the system.

j. 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 reviewed this site for compliance to Rules D, E and F at their meeting on July 10, 2019 and approved the project pending DNR and WCA permitting. Based on conversations in August and September with the consultant in charge of this project, the areas outside of the DNR and WCA permitting might proceed yet this year and the other areas be delayed until permits and conditions allow. *This item will be removed from the report.*

k. 2019-023 99th Avenue Apartments, Maple Grove. This is part of a 20.4-acre PUD proposed on the Hy-Vee North property located at the southeast corner of Maple Grove Parkway and MNDOT Highway 610. The site is proposed to be divided into two parcels. The west parcel will be approximately 12.0 acres and be used for the Hy-Vee development. This apartment project comprises the eastern 8.42 acres. The Hy-Vee development was reviewed and approved by the Commission under project 2016-047 and is considered active by the City of Maple Grove. This apartment project was part of the overall stormwater management plan and PUD factored into the Commission's approval but was not proposed for construction at that time. A stormwater facility along the ROW of Highway 610 was approved as part of a shared facility to manage stormwater from both projects. The PUD will create 12.25 acres of new impervious surface (about 60% impervious cover). The apartment site plans trigger the Commission's review for Rules D, E, and I. *At their September 11, 2019 meeting the Commission approved Staff's findings dated September 4, 2019, wherein they recommended approval of the project contingent upon: 1) a City and Commission approved stormwater system operation and maintenance plan being recorded on the property title, and 2) restrictive covenants outlining the buffer installation, management, and performance standards being received and recorded on the property title. The covenants may allow a signage structure per the location and dimensions (4'x10') provided for on the site plan. This item will be moved to the final recording/documentation section of the Staff Report.*

l. 2019-024 Boston Scientific Weaver Lake Road, Building 2 East Addition, Maple Grove. Boston Scientific is building an addition on the east side of Building 2 to provide more production and office space for their existing facility. The project includes moving the existing service drive and site utilities on the east side Building 2 to the east within the BSC property to create space for the building addition. About 1.9 acres of the site will be disturbed and 1.06 acres of impervious surface will be added. This project was reviewed for compliance to Rules D, E, F, and I. *Based on Staff findings dated September 11, 2019, at their September 2019 meeting the Commission approved the project contingent upon: 1) site plan that provides the irrigation areas to be irrigated by the new system and 2) an operation and maintenance plan for the irrigation system approved by the City and the Commission and recorded on the land title.*

m. 2019-025 Dayton Parkway Interchange, Dayton. The City of Dayton is proposing to construct Dayton Parkway, which will connect CSAH 81 to CSAH 101 on the east and west sides, respectively, of I-94. The project will also include a full access interchange with I-94. The project will disturb approximately 60 acres and will result in an increase of impervious area by 11.4 acres. The project was reviewed for compliance with Rules

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

D, E, F, G, and I. The project proposes the use of several filtration basins (with sediment forebays), wet ponds, and a filtration swale to meet the Commission's requirements for stormwater management. Construction is scheduled to begin in 2020 and will last for two construction seasons. Findings and a recommendation are included in the meeting packet.

n. 2019-026 Interstate Power Systems, Rogers. *This project consists of constructing a 1.06 acre building to house a semi-truck mechanical shop and 6.06 acres of parking and driveways. The total new impervious area will be approximately 7.11 acres. Stormwater management is being proposed by multiple detention ponds. The project is being reviewed for conformance with Rules D, E, G, and I. If available, findings and a recommendation will be provided at the Commission meeting.*

o. 2019-027 Havenwood at Maple Grove, Maple Grove. *This is a 5.6-acre site located in the northwest intersection of Bass Lake Road (CR10) and Troy Lane (CR101). The site is proposed to be subdivided into two lots. The southerly lot will be 4.5-acres with a 150-unit senior living facility. The remaining outlot (~1.3 acres) is anticipated to be a daycare facility. The project will create 3.53 acres of new impervious areas. It triggers review of the site plans for conformance to Rules D and E. If available, a review and recommendation will be provided to the Commission at their meeting.*

FINAL RECORDINGS OR OTHER DOCUMENTATION ARE DUE ON THE FOLLOWING PROJECTS: *(Staff reached out to the cities for updates on these projects on October 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

RULE D - STORMWATER MANAGEMENT
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Italics indicates new information

indicates enclosure

Rogers (2017-014). All approval contingencies have been met and construction is 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. *Kevin Mattson indicated on October 2, 2019 that no further updates are available.*

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 a 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 Simmons reported that the final plat has yet to be recorded.

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 except for 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 October 2, 2019 Ben Scharenbroich provided a signed copy of the final plat. This item will be removed from the report.*

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. 2018-038 Vincent Woods, Rogers. This 19 acre parcel is proposed for 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 received revised information and found the plans to be in conformance with the minor revisions requested. Final approval was provided conditioned on recordation of the final maintenance agreement in a form acceptable to the Commission and receipt of clarifying language regarding the wetland buffers as shown on the plans.

as. 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.

at. 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 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.

au. 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.

av. 2019-021 Brenly Meadows, Rogers. This is a 38-unit townhome project proposed on 6.9 acres north of 129th Avenue about 1/3 mile west of Main Street. It triggered the Commission's review for Rules D, and E. This item was approved by the Commission at their August 2019 meeting, contingent upon O & M plan requirements for the stormwater pond and irrigation system.

aw. 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. 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. The Commission approved site plans per Staff's recommendations dated August 6, 2019 which were contingent upon an Operation and Maintenance agreement being approved by the City and the Commission and recorded on the property title. *Kevin Mattson indicated on October 2, 2019 that no updates are available.*

BUFFER REVIEW

Buffer review has been completed for Corcoran, Rogers, and Medina. Those parcels found to be non-compliant were sent to the state for enforcement, and the landowners notified by US Mail of that action. Hennepin staff will work with those residents that are subject to enforcement actions at the request of BWSR, but will otherwise await findings.

RUSH CREEK SWA IMPLEMENTATION

Staff anticipate having contracts signed by September 1, 2019 for fall projects to be completed in September/October. *An update will be provided in November.*

SUBWATERSHED ASSESSMENT APPLICATIONS

The 2019 Subwatershed Assessment Cost Share Application and Criteria are included in the meeting packet. Completed applications should be emailed to Kirsten Barta no later than January 15, 2020.

RULE D - STORMWATER MANAGEMENT
RULE E - EROSION AND SEDIMENT CONTROL
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indicates enclosure

elm creek Watershed Management Commission

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Dayton Parkway Interchange

Dayton

Project #2019-025

Project Overview: The proposed Dayton Parkway interchange is a project which will connect CSAH 81 with CSAH 101 and will also include full access to the interchange with TH 94. The project will span two construction seasons and be undertaken in coordination with the TH 94 Unbonded Overlay. Drainage from the site is to French Lake and North Branch Rush Creek.

Applicant: Tina Goodroad, City of Dayton, 12260 S. Diamond Lake Road, Dayton, MN 55327

Engineer/Agent: Eric Roerish, SRF Consulting Group Inc., 1 Carlson Parkway N, Suite 120, Minneapolis, MN 55447

Exhibits:

- 1) ECWMC Request for Plan Review and Approval and fee of \$3500 were received on August 23, 2019.
- 2) Elm Creek Watershed Management Commission Permit Submittal: Dayton Parkway Interchange, Report Version 1.0. Prepared by SRF and dated August 2019.
 - a. Project background
 - b. Stormwater management summary
 - c. Erosion and sediment control summary
 - d. Floodplain alteration summary
 - e. Wetland alteration summary
 - f. Buffer strip summary
 - g. Appendix A – Construction Plans (90%), selected pages, unsigned
 - i. Sheets 1-2, Title sheet and general layout
 - ii. Sheets 11-12, Construction and Soils Notes
 - iii. Sheets 68-77, Permanent Erosion Control, Temporary and Permanent Sediment Control
 - iv. Sheet 240, Water Resources Notes

- v. Sheets 241-271, Drainage Plans, Profiles, Tabulations and Details
- vi. Sheets 272-284, SWPPP and Erosion control plans
- vii. Sheets 285- 294, Turf establishment plans
- viii. Sheets 353-375, landscape plans and details and irrigation plans
- ix. Sheets 464-470, 472 & 475, Contour plans and cross section matchline layout plans
- x. Sheets 555- 564, TH 94 profiles
- h. Appendix B – Existing and Proposed Drainage Area Maps
- i. Appendix C – BMP Design Information
 - i. Web Soil Survey Hydrologic Soil Group report
 - ii. Existing and proposed discharge rate comparisons from XP-SWMM models
 - iii. Water quality summary and tabulated results from MIDS calculator
- j. Appendix D – Floodplain Fill and Compensatory Storage
- k. Appendix E – Brockton Interchange WCA/USACE Joint Application Form

Findings:

General

- 1) This is a complex linear project with several multiple impacts to existing wetlands and storage capacity within the project area. Volume requirements are met in excess in order to meet water quality requirements. Though runoff from some areas within the project area is not treated or retained, a portion of runoff from adjacent MNDOT facilities is captured and treated in a compensatory manner.

Stormwater Management

- 2) The entire site is 60.0 acres with 100% of the area disturbed.
- 3) The impervious area will increase from 7.3 acres to 18.7 acres, and increase of 11.4 acres.
- 4) The soils on the site are predominantly Hydrologic Soil Group Type C/D.
- 5) Stormwater will be managed on-site with seven BMPs: Two existing wet ponds, one new wet pond, three filtration basins and one filtration swale.
- 6) Treated volume includes some MnDOT facilities and areas of TH 94 mainline that are currently untreated and will not be treated following completion of overlay project as offset for project areas not subject to filtration.
- 7) One existing pond (“Yellowlegs”) will be decreased in size from 0.45 to 0.13 ac-ft
- 8) One existing pond (“Osprey”) will be increased in size from 1.69-2.71 ac-ft to include NURP volume for 0.53 acres of new impervious and 0.25 ac-ft for a future project.
- 9) 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. Results are subdivided by receiving area and are as follows:

- 10) Flow rates to existing MnDOT centerline culverts are all at or below current conditions as summarized below.

Existing and Proposed Rates Comparison - Project Discharge Points

Xp-SWMM Outlet Node	Existing Rates			Proposed Rates			Change in Rates		
	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)
RC-OUT-1	6.2	11.5	23.5	15.9	30.1	53.8	9.7	18.6	30.3
RC-OUT-2	215.7	279.4	410.6	122.0	154.1	194.2	-93.7	-125.3	-216.4
RC-OUT-3	7.9	19.6	49.6	3.2	9.4	35.5	-4.7	-10.1	-14.1
RC-OUT-4	1.9	4.3	10.5	3.9	7.6	15.9	2.1	3.3	5.4
RC-OUT-5	67.7	106.0	180.9	48.4	80.1	132.9	-19.3	-25.9	-48.0
RUSH CREEK TOTAL	293.2	409.3	651.7	177.6	251.3	378.5	-115.6	-158.0	-273.3
HL-OUT	15.1	16.7	16.9	5.9	11.0	18.7	-9.2	-5.7	1.9
	0.0	8.2	30.7	0.0	0.0	3.4	0.0	-8.2	-27.3
HOLLY LANE TOTAL	15.1	24.9	47.6	5.9	11.0	22.1	-9.2	-13.9	-25.4
FL-OUT	3.0	6.4	17.8	2.6	5.3	13.4	-0.4	-1.1	-4.5
FRENCH LAKE TOTAL	3.0	6.4	17.8	2.6	5.3	13.4	-0.4	-1.1	-4.5

- 11) Water quality standards are being met. Note that because more than 50% of the site is being disturbed the abstraction requirement is 1.1" over all impervious (as opposed to just new impervious). The provided abstraction volume meets the more stringent requirement.

Water Quality Summary**Total Phosphorous Loads, Total Suspended Solids Loads, and Required Abstraction Volume**

Project Component	Existing Conditions in Project Area			Unmitigated Proposed Conditions in Project Area			Proposed Conditions with BMPs		Proposed Conditions - Net Change			Required Abstraction Volume*	Proposed BMP Abstraction Volume
	Imperv. Area	Total P Load	TSS Load	Imperv. Area	Total P Load	TSS Load	Total P Load	TSS Load	Imperv. Area	Total P Load	TSS Load		
	(ac)	(lbs)	(lbs)	(ac)	(lbs)	(lbs)	(lbs)	(lbs)	(ac)	(lbs)	(lbs)		
MnDOT Areas	1.8	4.8	869	4.2	8.6	1569	3.9	666	2.4	-0.8	-203	0.22	1.15
City Areas	5.5	12.3	2226	14.6	26.8	4876	12.2	1889	9.0	0.0	-337	0.83	1.39
Project Total	7.3	17.0	3095	18.7	35.5	6445	16.1	2555	11.4	-0.9	-540	1.04	2.55

** The Required Abstraction Volume is 1.1" Over New Impervious Area

- 12) The 1.1" abstraction requirement is proposed to be achieved using filtration with the wet pond because the Type C/D soils do not allow a significant amount of infiltration. Because more than 50% of the site area is to be disturbed, the abstraction requirement applies to all impervious areas and not just newly constructed impervious areas as stated in the application.
- 13) New and existing impervious area is 18.7 acres and the required abstraction volume is 1.71 ac-ft (as opposed to the 1.04 ac-ft stated in the application). The total proposed abstraction volume from the biofiltration pools is 2.5 ac-ft, so the abstraction requirement is being met.
- 14) 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

- 15) No single tabulation or figure to easily identify impacted buffer areas/areas of increased buffer width. Average width not provided. Updated figures/tables pending receipt and review. Application states that areas with reduced buffer width will be outfitted with additional sediment control measures.

Erosion and Sediment Control

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

Wetland Impacts

- 17) Joint wetland impact application to MnDNR provided. The project will cause temporary impacts to 0.39 ac of incidental wetlands and 0.20 of natural wetlands, excavate 0.24 ac of Type 2 wetlands, and permanently impact 0.94 ac of incidental wetlands and 1.221 ac of natural wetlands.
- a. Temporary impacts are caused by dredging and expansion of two existing stormwater ponds as well as temporary fill for equipment crossing of a natural wetland for construction of floodplain compensatory storage.
 - b. Permanent impacts to incidental wetlands includes alterations to wet ditches and current existing stormwater ponds. Functionality of incidental wetlands will either be maintained or replaced as part of the project (no loss of function).
 - c. Permanent impacts to natural wetlands are the result of widening Brockton Ln. and turn lanes onto Dayton Parkway. Mitigation is proposed in a 2:1 ratio (2.442 ac credits/1.221 ac disturbed) through credits at private wetland mitigation banks #1649 and #1664 in equal amounts. Note that bank #1664 is located in Anoka County (a different county than the project area) and has been selected to reduce the cost of wetland credits purchased with public funds. Neither wetland bank is within the Rush Creek Minor Watershed as there are no credits available but both banks are within the same Major Watershed (20) as the project.

Floodplain Impacts

- 18) The project will fill 9,229 cy with the existing floodplain; 1881 cy from CSAH 101 and 7,349 cy from Dayton Parkway. The 100-year floodplain elevation, as accepted by the DNR is 913.33 ft (NAVD88). Compensatory storage will come from Wood Duck and Great Blue Heron BMPs (2158 cy combined) and the primary floodplain mitigation site (8782 cy) south of the new alignment. The total new floodplain storage is 10,940 cy – a net increase of 1,711 cy.

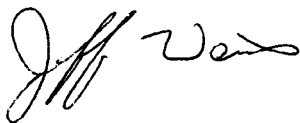
Recommendation:

Staff recommends approval of the project pending review of additional wetland buffer information.

Dayton Parkway Interchange (2019-025)

October 2, 2019

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A handwritten signature in black ink, appearing to read "Jeff Weiss". The signature is fluid and cursive, with the first name "Jeff" being more prominent than the last name "Weiss".

Jeff Weiss, P.E.

Barr Engineering Company

Advisor to the Commission

October 2, 2019

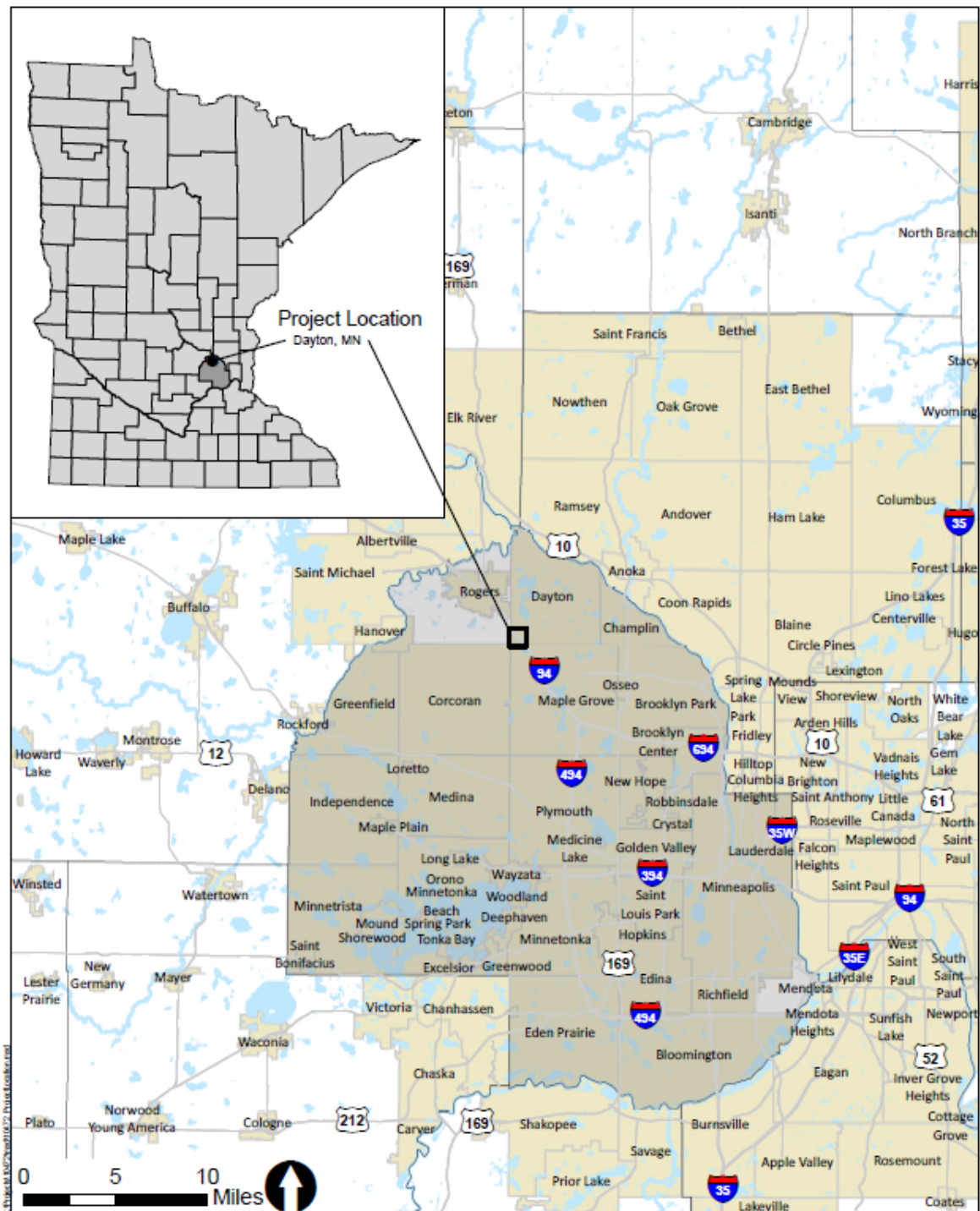
Date

Dayton Parkway Interchange (2019-025)

October 2, 2019

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Site Location Map

**Project Location Map**

Brockton Interchange / SP 229-010-001

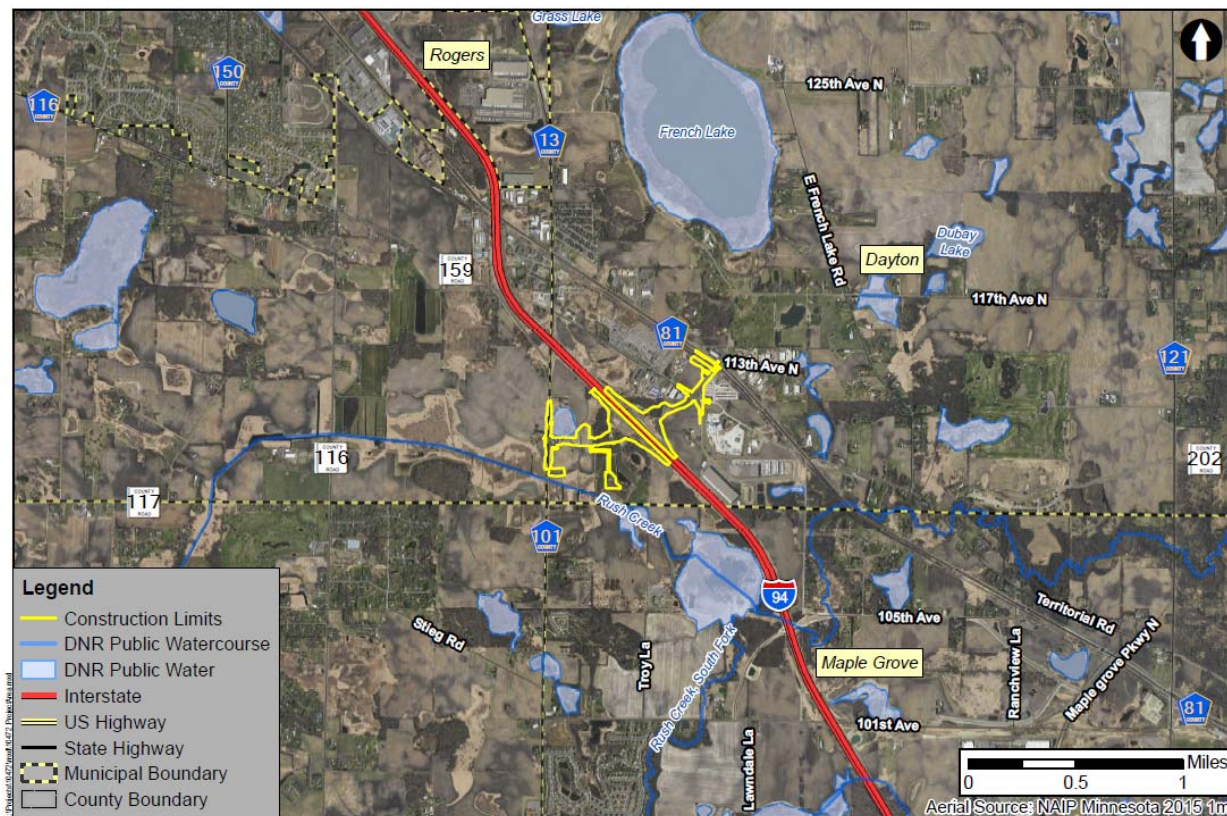
City of Dayton

Dayton Parkway Interchange (2019-025)

October 2, 2019

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Project Area Detail

**Project Area Map**

Brockton Interchange / SP 229-010-001

City of Dayton

HENNEPIN COUNTY

MINNESOTA

DATE: October 2, 2019

TO: Elm Creek Watershed Management Organization

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

RE: Subwatershed Assessment Cost Share Application and Criteria

SWA Cost Share application:

- Please fill out the provided form or use your own containing the same information.
- Hennepin County staff can help with preparing the document upon request, but the cities should have a good idea about the cost and what type of implementation support they are willing to provide first
- Application should be returned as a PDF. Attachments can either be incorporated into application PDF or separate
- Hennepin and technical staff will review all applications based on the criteria below and bring their recommendations to the February TAC meeting:
 - a. Subwatershed is identified in the MPCA WRAPS or TMDL report as a priority
 - b. Sponsor city shows active staff and financial support for implementation of projects identified within the SWA
 - c. Sponsor city has the ability to leverage outside funding for implementation
 - d. 2015 Elm Creek Plan references

Completed applications should be emailed to Kirsten Barta (Kirsten.barta@hennepin.us) no later than **January 15, 2020**.

If you have questions or need assistance, feel free to call 612-543-3373 (office) or 612-382-3956 (cell) or email the above address.



elm creek

Watershed Management Commission

Subwatershed Assessment Cost Share Application

Date:

Waterbody to be assessed:

Sponsor City:

Total cost estimate:

Anticipated City Contribution:

Anticipated Commission Contribution:

Firm(s) solicited:

Background information

Why is the sponsoring city interested in this SWA?

Other supporting documents showing water quality issues? Ex: TMDL, Stressor ID report, etc. Please provide web links

Any additional local knowledge of issues?

Implementation

What implementation support will the sponsoring city provide? Ex: funding, staff time, outreach, submitting a Clean Water Fund app, etc

Does the sponsoring city presently have plans to incorporate the SWA information into their planning or other work? Please explain.

Other information

Is there anything else the Commission should know about the proposed SWA?

Attachments

Please attach a map of the proposed project area as well as any cost estimates solicited