

elm creek

Watershed Management Commission

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

February 3, 2021

Representatives
 Elm Creek Watershed Management Commission
 Hennepin County, MN

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

Dear Representatives:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, February 10, 2021, at 11:30 a.m.** **This will be a virtual meeting.**

Until further notice, all meetings will be held online to reduce the spread of COVID-19. To join a meeting, click <https://us02web.zoom.us/j/990970201?pwd=Vi95cWpFRUFiMTUwZWV2MWRPd09>, which takes you directly to the meeting.

OR, go to www.zoom.us and click **Join A Meeting**. The meeting ID is **990-970-201**. The passcode for this meeting is **water**.

If your computer is not equipped with audio capability, dial into one of these numbers:

+1 929 205 6099 US (New York)	+1 312 626 6799 US (Chicago)	+1 669 900 6833 US (San Jose)
+1 346 248 7799 US (Houston)	+1 253 215 8782 US	+1 301 715 8592 US

Meetings remain open to the public via the instructions above.

Please email me at judie@jass.biz to confirm whether you or your Alternate will be attending the regular meeting.

Thank you.



Judie A. Anderson
 Administrator
 JAA:tim

Encls: Meeting Packet

cc:	Alternates	Jim Herbert	Joe Waln	James Kujawa	DNR
	TAC Members	Kris Guentzel	Brian Vlach	Diane Spector	BWSR
	City Clerks	Karen Galles	Met Council	Official Newspaper	MPCA

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AGENDA Regular Meeting February 10, 2021

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.
 - a. Project Reviews – *also see Staff Report.**
 - 1) 2020-042 Rogers High School Athletic Field Replacement, Rogers.*
 - b. Accept 2021 Work Plan.*
 - c. Accept Nominations for Officers. Election of officers will take place at the March meeting.
5. Old Business.
6. New Business.
7. Communications.
 - a. Staff Report.*
 - b. Hennepin County February Updates.*
 - c. We have received word from BWSR that the Commission has been scheduled for a Performance Review and Assistance Program (PRAP) Level II Review this year. PRAP coordinator, Brett Arne, will be on the Commission's May 12 agenda to describe the process, with a planned report delivery by mid-July. He will schedule a meeting with lead staff prior to the May meeting to run through the process.
8. Education.

WMWA – next meeting is scheduled for February 9, 2021 at 8:30 a.m. This will be a **virtual** meeting. <https://us02web.zoom.us/j/922390839?pwd=RU95T2ttL3FzQmxHcU9jcFhDdng1QT09>
Meeting ID: **922 390 839** | Passcode: **water** | or dial into one of the numbers above.
9. Grant Opportunities and Updates. (over)

*in meeting packet

**available at meeting or on website

10. Project Reviews.

Item No.	A	E	I R PFI	AR	Project No.	Project Name
			RP D			
					W Denotes wetland project	
ah.				AR	2014-015	Rogers Drive Extension, Rogers.
ai.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
aj.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
ak.				AR	2017-014	Laurel Creek, Rogers.
al.				AR	2017-029	Brayburn Trails, Dayton.
a.					2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
b.					2018-020	North 101 Storage, Rogers.
am.					2018-046	Graco, Rogers.
an.				AR	2018-048	Faithbrook Church Phase 2, Dayton.
ao.				AR	2019-001	Fernbrook View Apartments, Maple Grove.
ap.				AR	2019-002	Parkside Villas, Champlin.
aq.				AR	2019-021	Brenly Meadows, Rogers.
c.					2019-024	Boston Scientific, Maple Grove.
ar.				AR	2019-027	Havenwood at Maple Grove.
as.				AR	2019-032	OSI Expansion, Medina.
at.					2020-001	Outlot L, Markets at Rush Creek, Maple Grove.
d.					2020-002	Project 100, Maple Grove.
au.				AR	2020-008	Ione Gardens, Dayton.
av.				AR	2020-017	Meadow View Townhomes, Medina.
aw.				AR	2020-025	Paulsen Farms, Corcoran.
ax.				AR	2020-030	Nelson International, Corcoran.
ay.				AR	2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
az.				AR	2020-009	Stetler Barn, Medina.
e.					2020-015	Dayton Interchange Business Center, Dayton.
f.					2020-016	Skye Meadow, Rogers.
ba.				AR	2020-023	Ziegler Dayton Site Upgrades, Dayton.
bb.				AR	2020-027	Kariniemi Addition, Corcoran.
g.					2020-029	Sundance Greens 5th Addition, Dayton.
h.					2020-033	Weston Woods, Medina.
i.			R		2020-035	Presteng Residence, Corcoran.
j.				AR	2020-036	Balsam Pointe, Dayton.
k.				AR	2020-037	Rice Lake Elementary School Pond Excavation, Maple Grove.
l.			R		2020-038	8130 Strehler Road, Corcoran.
m.				AR	2020-039	Elm Creek Creekside Hills Trail, Plymouth.
n.				AR	2020-040	The Cedars of Elm Creek 3rd Addition, Champlin.
o.			R		2020-041	Plum Street East Drainage Improvement, Plymouth.
p.	A	E			2020-042	Rogers High School Athletic Field Replacement, Rogers.
q.					2021-001	Boston Scientific MG Campus, Maple Grove.
r.					2021-002	Skye Meadows Variance, Rogers.
s.					2021-003	Cranberry Ridge, Plymouth.
t.					2021-004	Project 100 Phase 1, Maple Grove.

A = Action item E = Enclosure provided I = Informational update will be provided at meeting R PFI - 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.

- a. Selection of Technical Consultant.
- b. Adjournment.

Z:\Elm Creek\Meetings\Meetings 2021\02 Regular Meeting Agenda.docx

*in meeting packet

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TECHNICAL OFFICE
Barr Engineering
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Regular Meeting Minutes January 13, 2021

I. A virtual meeting of the Elm Creek Watershed Management Commission was called to order at 11:30 a.m., Wednesday, January 13, 2021, by Chair Doug Baines.

Present were: Bill Walraven, Champlin; Ken Guenther, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Elizabeth Weir, Medina; Catherine Cesnik, Plymouth; Kevin Jullie, Rogers; Jim Herbert and Joe Waln, Barr Engineering; James Kujawa, Surface Water Solutions; Brian Vlach, Three Rivers Park District (TRPD); and Amy Juntunen and Judie Anderson, JASS.

Also present: Gerry Butcher and Todd Tuominen, Champlin; Kevin Mattson, Corcoran; Nico Cantarero, Wenck Associates, Dayton; Derek Asche and Mark Lahtinen, Maple Grove; Jake Gateman, Ben Scharenbroich and Amy Riegel, Plymouth; Andrew Simmons, Rogers; Kris Guentzel, Hennepin County Environment and Energy (HCEE); Diane Spector, Wenck Associates; and Emily Shaw, ISG, Inc., for Project Review 2020-016.

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

B. Motion by Guenther, second by Butcher to approve the **Minutes*** of the December 9, 2020 regular meeting. *Motion carried unanimously.*

C. Motion by Guenther, second by Weir to approve January **Treasurer's Report** and **Claims*** totaling \$101,810.96. *Motion carried unanimously, Rogers being absent.*

II. Open Forum.

III. Action Items.

A. Motion by Weir, second by Butcher to elect to not waive the monetary limits on municipal tort liability insurance. *Motion carried unanimously.*

[Jullie arrived 11:38 a.m., Walraven arrived 11:55 a.m.]

B. **Project Review 2020-016 Skye Meadows, Rogers.*** Lennar Corporation is proposing to construct a residential development on 130 acres along Territorial Road. The site consists of six separate parcels located both north and south of Territorial Road (CR116) just west of Tilton Trail. 363 single-family residential units are proposed, creating 38.73 acres of new impervious areas in seven phases. The Commission's review is for conformance to Rules D, E, F, G, and I for all seven phases. The applicant has extended the Commission decision deadline to February 17, 2021, per MN Statute 15.99. Staff findings dated December 22, 2020, with two recommendations are included in this month's packet. Motion by Guenther, second by Walraven to approve this project per Staff's recommendations. *Motion carried unanimously.* The applicant must request a variance to this approval should final grading during Phase 1B fail to meet the Commission's low floor/100-year elevation requirements.

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

*indicates enclosure

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Regular Meeting Minutes – January 13, 2021

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C. Project Review 2020-036 Balsam Pointe, Dayton.* This project would create 98 residential units on a 10-acre site near the intersection of Diamond Lake Road South and Dayton Road. The existing site is undeveloped. The project will disturb the entire site and create 5.3 acres of new impervious. The application was reviewed for Rules D and E. Staff findings and a recommendation dated January 5, 2021 are included in the meeting packet. Staff recommends approval of the project contingent on receipt of a plan for operations and maintenance. Motion by Weir, second by Walraven to approve this project with Staff's recommendation. *Motion carried unanimously.*

D. Project Review 2020-037 Rice Lake Elementary School Pond Excavation, Maple Grove.* This project would construct two new buildings, a parking lot, and play areas on school grounds. The school is on the southwest corner of Elm Creek Boulevard and 89th Avenue North. The project will disturb approximately 4.7 acres and create 1.1 acres of new impervious. The application was reviewed for Rules D and E. Staff findings dated January 5, 2021 are included in the meeting packet. Staff recommends approval of the project with no conditions. Motion by Weir, second by Walraven to approve this project. *Motion carried unanimously.*

E. Project Review 2020-039 Elm Creekside Trail, Plymouth.* This project would construct 1100 feet of trail along Elm Creek with a bridge over the creek. The proposed trail will connect Alvarado Lane North and Wayzata High School Road. The project will disturb 0.8 acres and create 0.24 acres of new impervious surface. Grading near the bridge will create fill in the floodplain. The loss of flood storage is mitigated by cut in adjacent areas. The application was reviewed for Rules E, F, G, H, and I. Staff findings dated January 7, 2021 are included in the meeting packet. Staff recommends approval of the project with no conditions. Motion by Walraven, second by Weir to approve this project. *Motion carried unanimously.*

[Weir departed 12:29 p.m.]

F. Project Review 2020-040 The Cedars of Elm Creek 3rd Addition, Champlin*. This project would construct two single family residential structures at the corner of West Hayden Lake Road and Vera Street North. The area of disturbance is less than one acre. The application was reviewed for Rules E and F. The project will place fill in the regulatory floodplain to elevate the structures above the 100-year flood elevation. Compensatory storage will be provided to offset the floodplain fill. Staff findings and one recommendation dated January 5, 2021 are included in the meeting packet. Motion by Guenther, second by Trainor to approve this project. *Motion carried unanimously.*

G. Project Review 2020-041 Plum Tree East Drainage Improvements, Plymouth.* This City project would clean out sediment from an existing stormwater pond and construct drainage improvements to reduce channel erosion downstream of the pond. The project will disturb approximately 0.8 acre of land. The application was reviewed for Rule E. Staff granted administrative approval for the project because it involves less than one acre.

H. 2020 Work Plan in Review.* One comment was received, from Brian Vlach, regarding aquatic vegetation surveys undertaken in Diamond Lake and the Mill Pond in 2020. This information will be added to the Work Plan. Motion by Walraven, second by Guenther to accept Draft 2 of the 2020 Work Plan with that addition. *Motion carried unanimously.*

I. Responses to Solicitation of Interest Proposals for 2021-2022.* Seven proposals were received – five from engineering firms, and one each from legal and administrative service providers. Motion by Walraven, second by Jullie to accept the proposals from Campbell Knutson Professional Association for legal services and from Judie Anderson's Secretarial Services, Inc. for administrative services. *Motion carried unanimously.*

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A subcommittee of Baines, Guenther, Cesnik, Asche, Scharenbroich, Gateman, and Anderson will meet on Tuesday, January 19, 2021 to review and consider the technical services responses and will make a recommendation to the Commission at the February 10, 2021 meeting.

J. Annual Appointments. Motion by Guenther, second by Walraven to approve the following appointments for 2021:

1. Official newspaper, Osseo-Maple Grove Press
2. Official depositories, US Bank, the 4M Fund
3. Deputy Treasurer, Judie Anderson
4. Auditor, Johnson & Company, Ltd.

Motion carried unanimously.

K. Nominations of Officers. It was proposed that the sitting officers be nominated to retain their positions in 2021. Additional nominations will be accepted at the February meeting with election of officers taking place in March.

IV. Old Business.

Work on the **Floodplain Modeling Project** has resumed. The Commission is awaiting an amendment from DNR which will adjust the amount of the agreement between the parties. A recap of the work performed in December is included in the Staff Report.*

V. New Business.

VI. Communications.

A. The **January Staff Report*** provides updates on all of the development projects currently under review by Staff or awaiting final recordings. The projects listed in the table on the following pages are discussed in the January report.

B. Hennepin County Project Updates. No report this month.

C. Included in the meeting packet was a letter* addressed to the Commission from the **Minnesota Campaign Finance Board** reminding members of their obligation to file statements of economic interest for their new terms after taking office. Re-elected Commissioners may file one statement that satisfies both the annual review and the new term requirement. Letters have also been sent directly to the Commissioners. Failure to file will result in the imposition of a late filing fee and a potential civil penalty.

VII. Education and Public Outreach.

A. The next **West Metro Water Alliance (WMWA)** meeting is scheduled for Tuesday, February 9, 2021 at 8:30 a.m. This a virtual meeting. The **Zoom number** is <https://us02web.zoom.us/j/922390839>. Or call in at any of these numbers using **meeting ID: 922 390 839**: (1) +1 301 715 8592 US (Germantown); (2) +1 312 626 6799 US (Chicago); (3) +1 929 205 6099 US (New York); or (4) +1 253 215 8782 US (Tacoma). The **passcode is water**.

B. Baines, Scharenbroich, and Juntunen provided an update from yesterday's WMWA meeting. A subcommittee has been formed to help identify educational components on which WMWA will focus in response to education requirements spelled out in the new MS4 permit.

VIII. Grant Opportunities and Project Updates.

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IX. Other Business.

X. Adjournment. There being no further business, motion by Walraven, second by Trainor to adjourn. *Motion carried unanimously.* The meeting was adjourned at 1:05 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary
JAA:tim

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			RP D			
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i.					2020-017	Meadow View Townhomes, Medina.
j.			R		2020-022	Elm Road Street & Utility Project, Maple Grove.
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l.					2020-029	Sundance Greens 5th Addition, Dayton.
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q.	A	E			2020-036	Balsam Pointe, Dayton.
r.	A	E			2020-037	Rice Lake Elementary School Pond Excavation, Maple Grove.
s.					2020-038	8130 Strehler Road, Corcoran.
t.	A	E			2020-039	Elm Creek Creekside Hills Trail, Plymouth.
u.	A	E			2020-040	The Cedars of Elm Creek 3 rd Addition, Champlin.
v.	A	E			2020-041	Plum Street East Drainage Improvement, Plymouth.
w.					2020-042	Rogers High School Athletic Field Replacement, Rogers.

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Elm Creek Watershed Management Commission Treasurer's Report

		2020 Budget	Jan 2021	Feb 2021	2020 Budget YTD
EXPENSES					
Administrative		90,000	6,205.27	10,014.38	108,876.13
Watershed-wide TMDL Admin		300			0.00
Grant Writing		1,000			0.00
Website		3,000	952.25	66.30	3,902.60
Legal		2,000			418.50
Audit		5,000			6,000.00
Insurance		3,900			3,182.00
Miscellaneous/Contingency		1,000			0.00
Technical Support - HCEE		15,000			0.00
Floodplain Mapping		39,360	1,842.50	8,434.00	89,912.50
Project Review Technical (Job 300)		185,000	6,384.50	8,702.00	79,505.99
Other Technical (Jobs 100 & 200)			2,889.00	4,328.50	67,830.00
Project Reviews - Admin		15,000	650.02	2,319.93	12,112.02
WCA - Technical		3,000			0.00
WCA - Legal		500			0.00
WCA - Admin		1,000		340.60	340.60
Stream Monitoring USGS		24,000			20,940.00
Stream Monitoring TRPD		7,200	7,200.00		7,200.00
DO Longitudinal Survey		1,000			0.00
TMDL Follow-up - TRPD		1,000			0.00
Rain Gauge		250	28.42	28.42	390.71
Rain Gauge Network		100			0.00
Lakes Monitoring - CAMP		760	760.00		760.00
Lakes Monitoring - TRPD					
Sentinel Lakes		8,100	8,100.00		8,100.00
Additional Lake		2,500			0.00
Aquatic Vegetation Surveys		1,100	1,100.00		1,100.00
Wetland Monitoring (WHEP)		4,000			0.00
Education		3,000	35.00	103.60	2,013.47
WMWA General Activities		5,000			3,000.00
WMWA Educators/Watershed Prep		4,500			2,000.00
WMWA Special Projects		2,000			1,000.00
Rain Garden Workshops/Intensive BMPs		3,000			625.00
Education Grants		1,000			0.00
Macroinvertebrate Monitoring-River Watch		3,000			0.00
Projects ineligible for ad valorem		0			0.00
Studies / Project ID / SWA		0		24.70	18,327.62
Plan Amendment		2,000			1,409.24
<i>Transfer to (from) Encumbered Funds (see below)</i>					0.00
<i>Transfer to (from) Capital Projects (see CIP Tr</i>		448,935	65,664.00		315,718.13
<i>Transfer to (from) Cash Sureties (see below)</i>			-		2,386.70
<i>Transfer to (from) Grants (see below)</i>		125,000	-	-	0.00
<i>To Fund Balance</i>					0.00
TOTAL - Month			101,810.96	34,362.43	757,051.21
TOTAL Paid in 2020, incl late 2019 Expenses		1,012,505.00	844,773.10	879,135.53	2020 Paid
			2020 Activity		

Elm Creek Watershed Management Commission Treasurer's Report

		2020 Budget	Jan 2021	Feb 2021	2020 Budget YTD
INCOME					
<i>From Fund Balance</i>					
Floodplain Modeling		39,360			
Project Review Fee		80,000	2,500.00		103,873.50
Return Project Fee					0.00
Water Monitoring - TRPD Co-op Agmt		5,500	4,807.79		4,807.79
WCA Fees		0			0.00
Return WCA Fee					0.00
Reimbursement for WCA Expense					0.00
WCA Escrow Earned					0.00
Member Dues		237,300	237,300.00		474,600.00
Interest/Dividends Earned		8,250	22.26		5,361.66
Transfer to (from) Capital Projects (see CIP Tr		448,935	2,180.03		295,953.58
Transfer to (from) Cash Sureties (see below)					
Transfer to (from) Grants (see below)		100,000			100,137.21
Misc Income					0.00
Total - Month			246,810.08	0.00	984,733.74
TOTAL Rec'd 2020, incl late 2019 Income		919,345.00	1,033,317.14	1,033,317.14	2020 Received
CASH SUMMARY		Balance Fwd			
Checking		0.00			
4M Fund		1,263,863.98	1,452,408.02		
Cash on Hand			1,452,408.02		
CASH SURETIES HELD		Balance Fwd			Activity 2020
WCA Escrows Received		11,494.47			0.00
WCA Escrow Reduced					2,386.70
Total Cash Sureties Held		11,494.47	9,107.77	9,107.77	
RESTRICTED / ENCUMBERED FUNDS		Balance Fwd			
Restricted for CIPs		765,131			765,131.00
Enc. Studies / Project Identification / SWA		205,437			205,437.00
Total Restricted / Encumbered Funds		970,568	970,568.00	970,568.00	
			Jan 2021	Feb 2021	2020 Budget YTD
GRANTS					
Fish Lake Alum Trmt Phase 2					
Revenue					41,890.21
Expense					-
Balance			-	-	41,890.21
BWSR Watershed-based Funding					
Revenue					-
Expense					-
Balance					-
DNR Floodplain Data					
Revenue					58,247.00
Expense					-
Balance					58,247.00
TOTAL GRANTS					
Revenue			-	-	100,137.21
Expense			-	-	-
Balance			-	-	100,137.21

Elm Creek Watershed Management Commission Treasurer's Report

Claims Presented		General Ledger Account No	Jan 2021	Feb 2021	TOTAL
Campbell Knutson - Legal		521000			0.00
Connexus - Rain Gauge		551100		28.42	28.42
Barr Engineering					21,464.50
Floodplain Mapping		580440		8,434.00	
Project Review Technical (Job 300)		578050		8,702.00	
Other Technical (Jobs 100 & 200)		578050		4,328.50	
Ravinia Wetland Mitigation		240201			
JASS					12,869.51
Administration		511000		9,286.63	
TAC Support		511000			
Annual Reporting/Work Plan		511000		617.25	
Website		581000		66.30	
Project Reviews		578100		2,319.93	
WCA		579000		340.60	
Plan Amendment		541500			
Education		590000		103.60	
CIPs General		563001		24.70	
Grant Opportunities		511000		78.00	
Floodplain Mapping Admin		511000		32.50	
TOTAL CLAIMS					34,362.43

Elm Creek Watershed Management Commission
2020 Treasurer's Report - Capital Improvement Project Tracking

12

CIPs		Amount	%age	TOTAL 2016	TOTAL 2017	TOTAL 2018	TOTAL 2019	JAN 2020	FEB 2020	MAR 2020	APR 2020	MAY 2020	JUN 2020	JUL 2020	AUG 2020	SEP 2020	OCT 2020	NOV 2020	DEC 2020	2020 GJEs	TOTAL 2020	TOTAL ALL YEARS
	2016-01 Fox Creek Phase 2 Bank Stabilization	80,312.00	16.296																			
	Revenue			-	80,353.26	(98.25)	(694.43)														-	79,560.58
	Expense			106.32	-	-	-														-	106.32
	Balance			(106.32)	80,353.26	(98.25)	(694.43)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79,454.26
	2016-05 Fish Lake Alum Trmt Phase 1	75,000.00	15.219																			
	Revenue			-	75,042.75	(91.75)	(648.52)														-	74,302.48
	Expense			106.32	-	-	-														-	106.32
	Balance			(106.32)	75,042.75	(91.75)	(648.52)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74,196.16
	2017-01 Fox Creek Phase 3 Streambank Stabilization	112,500.00	25.714																			
	Revenue			-	-	112,347.11	10.83							26.68					19.99		46.67	112,404.61
	Expense			-	135.85	-	-														-	135.85
	Balance			-	(135.85)	112,347.11	10.83	-	-	-	-	-	-	26.68	-	-	-	-	19.99	-	46.67	112,268.76
	2017-03 Mill Pond Fishery & Habitat Restoration	250,000.00	57.143																			
	Revenue			-	-	249,663.63	24.08							59.28							59.28	249,746.99
	Expense			-	135.86	-	-														-	135.86
	Payment to City																	249,611.13			249,611.13	249,611.13
	Balance			-	(135.86)	249,663.63	24.08	-	-	-	-	-	-	59.28	-	-	-	(249,611.13)	-	-	(249,551.85)	-
	2017-04 Rain Garden at Independence	75,000.00	17.143																			
	Revenue			-	-	74,899.52	7.22							17.78					13.33		31.11	74,937.85
	Expense			-	135.85	-	-														-	135.85
	Balance			-	(135.85)	74,899.52	7.22	-	-	-	-	-	-	17.78	-	-	-	-	13.33	-	31.11	74,802.00
	2018-01 Rush Creek Ph 3 Main Stem Stabilization	75,000.00	30.000																			
	Revenue			-	-	-	74,593.71							247.30					90.50		337.80	74,931.51
	Expense			-	-	115.18	-														-	115.18
	Balance			-	-	(115.18)	74,593.71	-	-	-	-	-	-	247.30	-	-	-	-	90.50	-	337.80	74,816.33
	2018-03 Elm Creek Phase III Streambank Stabilization	100,000.00	40.000																			
	Revenue			-	-	-	99,461.35							329.73					120.68		450.41	99,911.76
	Expense			-	-	115.18	-														-	115.18
	Balance			-	-	(115.18)	99,461.35	-	-	-	-	-	-	329.73	-	-	-	-	120.68	-	450.41	99,796.58
	2018-04 Downs Road Trail Rain Garden	75,000.00	30.000																			
	Revenue			-	-	-	74,593.71							247.30					90.50		337.80	74,931.51
	Expense			-	-	115.18	-														-	115.18
	Balance			-	-	(115.18)	74,593.71	-	-	-	-	-	-	247.30	-	-	-	-	90.50	-	337.80	74,816.33
	2019-01 Rush Creek Main Stem Ph 3	26,513.00	8.983																			
	Revenue		12.409	-	-	-	-							13,841.42				7.50	12,427.29	270.52	26,546.73	26,546.73
	Expense			-	-	-	102.77														-	102.77
	Balance			-	-	-	(102.77)	-	-	-	-	-	-	13,841.42	-	-	-	7.50	12,427.29	270.52	26,546.73	26,443.96
	2019-04 Hickory Drive Stormwater Improvement	81,471.00	27.604																			
	Revenue			-	-	-	-							42,533.51				23.06	38,188.03		80,744.60	80,744.60
	Expense			-	-	-	102.78														-	102.78
	Payment to City																			65,664.00	65,664.00	65,664.00
	Balance			-	-	-	(102.78)	-	-	-	-	-	-	42,533.51	-	-	-	23.06	38,188.03	(65,664.00)	15,080.60	14,977.82

Elm Creek Watershed Management Commission
2020 Treasurer's Report - Capital Improvement Project Tracking

13

CIPs		Amount	%age	TOTAL 2016	TOTAL 2017	TOTAL 2018	TOTAL 2019	JAN 2020	FEB 2020	MAR 2020	APR 2020	MAY 2020	JUN 2020	JUL 2020	AUG 2020	SEP 2020	OCT 2020	NOV 2020	DEC 2020	2020 GJEs	TOTAL 2020	TOTAL ALL YEARS
2019-05 Downtown Regional Stormwater		28,079.00	9.514																			
	Revenue		13.141	-	-	-	-							14,659.60				7.95	13,161.90	286.48	28,115.93	28,115.93
	Expense			-	-	-	102.77														-	102.77
	Balance			-	-	-	(102.77)	-	-	-	-	-	-	14,659.60	-	-	-	7.95	13,161.90	286.48	28,115.93	28,013.16
2019-06 Elm Creek Restore Ph IV		159,075.00	53.899																			
	Revenue		74.450	-	-	-	-							83,050.04				45.03	74,565.15	1,623.03	159,283.25	159,283.25
	Expense			-	-	-	102.78														-	102.78
	Balance			-	-	-	(102.78)	-	-	-	-	-	-	83,050.04	-	-	-	45.03	74,565.15	1,623.03	159,283.25	159,180.47
2020-01 Livestock Exclusions, Buffers, &																						
	Revenue			-	-	-	-														-	-
	Expense			-	-	-	-								147.67						147.67	147.67
	Balance			-	-	-	-	-	-	-	-	-	-	-	(147.67)	-	-	-	-	-	(147.67)	(147.67)
2020-02 Agricultural BMPs Cost Share																						
	Revenue			-	-	-	-														-	-
	Expense			-	-	-	-								147.67						147.67	147.67
	Balance			-	-	-	-	-	-	-	-	-	-	-	(147.67)	-	-	-	-	-	(147.67)	(147.67)
2020-03 Enhanced Street Sweeper																						
	Revenue			-	-	-	-														-	-
	Expense			-	-	-	-								147.66						147.66	147.66
	Balance			-	-	-	-	-	-	-	-	-	-	-	(147.66)	-	-	-	-	-	(147.66)	(147.66)
TOTAL CIP																						
	Revenue			249,795.17	494,329.63	436,392.95	458,031.53	-	-	-	-	-	-	155,012.64	-	-	-	83.54	138,677.37	2,180.03	295,953.58	2,066,072.99
	Expense			812.59	407.56	570.54	411.10	-	-	-	-	-	-	-	443.00	-	-	-	-	-	443.00	8,872.57
	Payments			245,276.36	1,836.48	322,859.09	352,173.28	-	-	-	-	-	-	-	-	-	-	249,611.13	-	65,664.00	315,275.13	1,237,420.34
	Balance			3,706.22	492,085.59	111,741.60	105,224.02	-	-	-	-	-	-	155,012.64	(443.00)	-	-	(249,527.59)	138,677.37	(63,483.97)	(19,764.55)	818,335.23
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																						819,677.30
COMPLETED PROJECTS \$0 BALANCE																						
2016-02 Miss River Shore Repair/Stabilization						COMPLETE																
2016-03 EC Dam at Mill Pond						COMPLETE																
2016-04 Rush Creek Main Stem Restoration						COMPLETE																
2018-02 Elm Creek Reach D Stream Restoration						COMPLETE																



Account Number:

14

481113-238425

ELM CREEK WATERSHED MGMT ORG

Monthly Statement

Service Address

ELM CREEK RD
DAYTON MN

Billing Summary

Billing Date: Jan 18, 2021

Previous Balance \$28.42

Balance Forward \$28.42

New Charges \$28.42

Total Amount Due \$56.84 *

Payment must be received on or before February 13, 2021

Total Amount Due

\$56.84

Due Date

February 13, 2021

Message Center

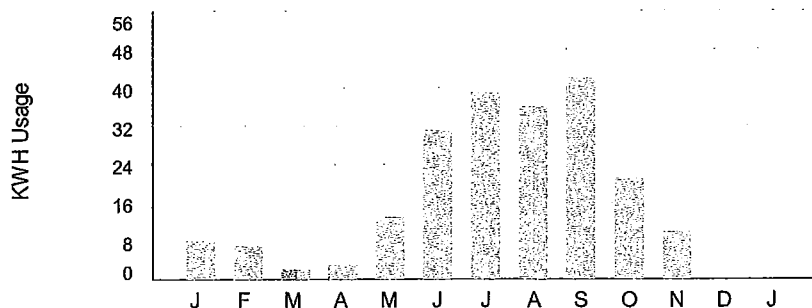
Your Account Has a Prior Balance

Please pay the Balance Forward amount owed immediately to avoid possible disconnection. To make an electronic payment 24 hours a day call 800-240-4199. A \$3.95 service fee will apply. Member Services 763-323-2650.

No rate increase in 2021

Here's some good news to start off the new year. For the fourth year in a row, Connexus Energy members will not see a rate increase. In addition, the more energy-efficient you are, the more control you have over your monthly bill, and that can add up to more energy savings for you. We're working hard to keep your energy affordable!

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

www.connexusenergy.com

Gopher State One Call - 811

14601 Ramsey Boulevard, Ramsey, MN 55303

* 28.42 pd
not applied before
bill cutoff -

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

TRA3-D-000139/000277 AGZ3V1 S1-ET-M1-C00001 1



Account Number:

481113-238425

Total Amount Due

\$28.42 ~~\$56.84~~

Payment Due By

February 13, 2021



000139 1 MB 0.436 000139/000139/000277 002 02 AGZ3V1
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325



Connexus Energy

PO Box 1808
Minneapolis, MN 55480-1808

00005684 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 Commission
 JASS-Watershed Administrators
 3235 Fernbrook Lane
 Plymouth, MN 55447

January 29, 2021

Invoice No: 23271759.00 - 15

Total this Invoice	\$8,434.00
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Regarding: Elm Creek Floodplain Mapping

This invoice is for professional services, which include the following:

- Internal QAQC of draft hydraulic model
- Development of hydraulics memorandum and final files for submittal
- Incorporation of Orphan Areas between Elm Creek and Shingle Creek into hydrology model

Total Contract Budget	Total Prior Billing	Billing this Invoice	Total Billing to Date	Budget Remaining
\$106,945.00	\$83,452.00	\$8,434.00	\$91,886.00	\$15,059.00

Professional Services from December 26, 2020 to January 22, 2021

Job: 100 Meetings

Labor Charges

	Hours	Rate	Amount	
Principal				
Campeau, Nathan	.90	180.00	162.00	
Support Personnel II				
Nypan, Nyssa	.50	100.00	50.00	
	1.40		212.00	
Subtotal Labor				212.00
				Job Subtotal
				\$212.00

Job: 500 Hydraulic Modeling - Detailed Studies

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist IV			
Waln, Joseph	8.20	160.00	1,312.00
Engineer / Scientist / Specialist III			
Frias, Christian	.30	150.00	45.00

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.

Engineer / Scientist / Specialist II

Hlavaty, Heather

26.10

120.00

3,132.00

34.60

4,489.00

Subtotal Labor

4,489.00

Job Subtotal

\$4,489.00

Job: 600 Hydraulic Analysis - Non Detailed

Labor Charges

	Hours	Rate	Amount
Principal			
Campeau, Nathan	1.50	180.00	270.00
Engineer / Scientist / Specialist IV			
Waln, Joseph	2.00	160.00	320.00
Engineer / Scientist / Specialist II			
Hlavaty, Heather	10.80	120.00	1,296.00
	14.30		1,886.00

Subtotal Labor

1,886.00

Job Subtotal

\$1,886.00

Job: 900 Orphan Area Revisions

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist II			
Hlavaty, Heather	3.20	120.00	384.00
Vecchi, Anthony	13.30	110.00	1,463.00
	16.50		1,847.00

Subtotal Labor

1,847.00

Job Subtotal

\$1,847.00

Total this Invoice

\$8,434.00

	Current	Prior	Total	Received	A/R Balance
Invoiced to Date	8,434.00	83,452.00	91,886.00	83,452.00	8,434.00

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact Heather Hlavaty, your Barr project manager at 952.842.3613 or email at hhlavaty@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 Commission
 JASS-Watershed Administrators
 3235 Fernbrook Lane
 Plymouth, MN 55447

January 29, 2021

Invoice No: 23270F55.21 - 1

Total this Invoice	\$13,030.50
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Regarding: Review of development permits for compliance with the Elm Creek Watershed Management Plan

This invoice is for professional services, which include the following:

Job 100 - Technical Services

Meetings

- preparing for WMC meeting
- attending WMC meeting
- updating staff report

Pre-Project Review

- communicating with potential permit applicants regarding the following projects:
- Cook Lake Highlands, Corcoran
- Pioneer Trail Preserve, Medina
- Gleason Fields, Maple Grove
- CenterPointe Pipe Boring Diamond Lake Road, Dayton
- Wright-Hennepin Electric Substation, Corcoran

Wetland Issues

- coordinating with administrator on billing for Wetland services in 2020
- on preparing for and attending WCA TEP meeting for Tavera site in Corcoran

General administrative tasks

- coordinating with administrator
- responding to coordination emails and phone calls
- invoicing and budget tracking
- setting up accounting for 2021 tasks

Job 200 – Other Assistance

- none

Job 300 – Project Reviews

Reviewing the following projects for compliance with Commission rules:

- 2020-015 Dayton Interchange Business Center, Dayton
- 2020-029 Sundance Greens 5th Addition, Dayton
- 2020-033 Weston Woods, Medina
- 2020-036 Balsam Pointe, Corcoran
- 2020-037 Rice Creek Elementary School, Maple Grove
- 2020-039 Elm Creekside Hills Trail, Plymouth
- 2020-040 The Cedars of Elm Creek 3rd Addition, Champlain
- 2020-041 Plum Tree East Drainage Improvements, Plymouth
- 2020-042 Rogers High School Athletic Field Replacement, Rogers

Coordinating and reviewing post approval submittals

- 2018-020 North 101 Storage, Rogers
- 2020-016 Lennar Territorial Rd Development (Skye Meadows), Rogers
- 2020-027 Kariniemi Addition, Corcoran

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	23270F55.21	Elm Creek WMC 2021	Invoice	1
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Professional Services from December 26, 2020 to January 22, 2021

Job: 100 Technical Services

Task: 010 Meetings

Labor Charges

	Hours	Rate	Amount	
Principal				
Herbert, James	5.30	200.00	1,060.00	
Engineer / Scientist / Specialist IV				
Waln, Joseph	3.10	160.00	496.00	
	8.40		1,556.00	
Subtotal Labor				1,556.00

Subconsultant Charges

Subconsultants				
1/22/2021	Surface Water Solutions LLC		522.50	
Subtotal Subconsultant				522.50
Task Subtotal				\$2,078.50

Task: 020 Pre-Project Review

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Waln, Joseph	2.20	160.00	352.00	
Engineer / Scientist / Specialist II				
Hlavaty, Heather	.40	120.00	48.00	
	2.60		400.00	
Subtotal Labor				400.00

Subconsultant Charges

Subconsultants				
1/22/2021	Surface Water Solutions LLC		220.00	
Subtotal Subconsultant				220.00
Task Subtotal				\$620.00

Task: 030 Wetland Issues

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Waln, Joseph	.50	160.00	80.00	
Engineer / Scientist / Specialist III				
Wold, Karen	.50	140.00	70.00	
	1.00		150.00	
Subtotal Labor				150.00
Task Subtotal				\$150.00

Task: 040 General

Labor Charges

	Hours	Rate	Amount	
Principal				
Herbert, James	2.30	200.00	460.00	

Project	23270F55.21	Elm Creek WMC 2021	Invoice	1
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Engineer / Scientist / Specialist IV

Waln, Joseph

3.00

160.00

480.00

Support Personnel II

Nypan, Nyssa

1.00

100.00

100.00

6.30

1,040.00

Subtotal Labor**1,040.00****Subconsultant Charges**

Subconsultants

1/22/2021

Surface Water Solutions LLC

440.00

Subtotal Subconsultant**440.00****Task Subtotal****\$1,480.00****Job Subtotal****\$4,328.50**

Job: 300 Project Reviews

Task: 1820 2018-020 North 101 Storage

Subconsultant Charges

Subconsultants

1/22/2021

Surface Water Solutions LLC

27.50

Subtotal Subconsultant**27.50****Task Subtotal****\$27.50**

Task: 2015 2020-015 Dayton Interchange Business Cen

Labor Charges**Hours****Rate****Amount**

Engineer / Scientist / Specialist IV

Waln, Joseph

.50

160.00

80.00

.50

80.00

Subtotal Labor**80.00****Task Subtotal****\$80.00**

Task: 2016 2020-016 Lennar Territorial Rd Developme

Labor Charges**Hours****Rate****Amount**

Engineer / Scientist / Specialist IV

Waln, Joseph

.40

160.00

64.00

.40

64.00

Subtotal Labor**64.00****Subconsultant Charges**

Subconsultants

1/22/2021

Surface Water Solutions LLC

110.00

Subtotal Subconsultant**110.00****Task Subtotal****\$174.00**

Task: 2027 2020-027 Kariniemi Addition

Project	23270F55.21	Elm Creek WMC 2021	Invoice	1
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Subconsultant Charges

Subconsultants			
1/22/2021	Surface Water Solutions LLC	27.50	
Subtotal Subconsultant			27.50
Task Subtotal			\$27.50

Task: 2029 2020-029 Sundance Greens 5th Addition

Subconsultant Charges

Subconsultants			
1/22/2021	Surface Water Solutions LLC	27.50	
Subtotal Subconsultant			27.50
Task Subtotal			\$27.50

Task: 2033 2020-033 Weston Woods

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist IV			
Waln, Joseph	4.40	160.00	704.00
	4.40		704.00
Subtotal Labor			704.00

Subconsultant Charges

Subconsultants			
1/22/2021	Surface Water Solutions LLC	1,952.50	
Subtotal Subconsultant			1,952.50
Task Subtotal			\$2,656.50

Task: 2036 2020-036 Balsam Pointe

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist IV			
Waln, Joseph	5.40	160.00	864.00
	5.40		864.00
Subtotal Labor			864.00
Task Subtotal			\$864.00

Task: 2037 2020-037 Rice Creek Elementary School

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist IV			
Waln, Joseph	2.90	160.00	464.00
Engineer / Scientist / Specialist II			
Hlavaty, Heather	2.30	120.00	276.00
	5.20		740.00
Subtotal Labor			740.00

Project	23270F55.21	Elm Creek WMC 2021	Invoice	1
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Subconsultant Charges

Subconsultants			
1/22/2021	Surface Water Solutions LLC	55.00	
Subtotal Subconsultant			55.00
Task Subtotal			\$795.00

Task: 2039 2020-039 Elm Creekside Hills Trail

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Waln, Joseph	4.00	160.00	640.00	
Engineer / Scientist / Specialist II				
Brown, Aaron	4.70	95.00	446.50	
	8.70		1,086.50	
Subtotal Labor				1,086.50
Task Subtotal				\$1,086.50

Task: 2040 2020-040 The Cedars of Elm Creek 3rd Add

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Waln, Joseph	3.90	160.00	624.00	
Engineer / Scientist / Specialist II				
Hlavaty, Heather	1.60	120.00	192.00	
	5.50		816.00	
Subtotal Labor				816.00
Task Subtotal				\$816.00

Task: 2041 2020-041 Plum Tree East Drainage Improve

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Waln, Joseph	.80	160.00	128.00	
	.80		128.00	
Subtotal Labor				128.00
Task Subtotal				\$128.00

Task: 2042 2020-042 Rogers High School Athletic Fie

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Waln, Joseph	.40	160.00	64.00	
Engineer / Scientist / Specialist II				
Brown, Aaron	14.90	95.00	1,415.50	
Hlavaty, Heather	4.50	120.00	540.00	
	19.80		2,019.50	
Subtotal Labor				2,019.50

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	23270F55.21	Elm Creek WMC 2021	Invoice	1
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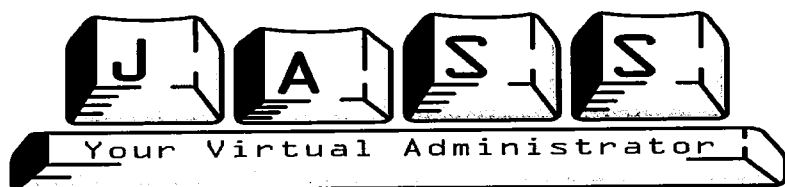
Task Subtotal **\$2,019.50**

Job Subtotal **\$8,702.00**

Total this Invoice **\$13,030.50**

	Current	Prior	Total	Received	A/R Balance
Invoiced to Date	13,030.50	0.00	13,030.50	0.00	13,030.50

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Joe Waln, your Barr project manager at 952.832.2984 or email at jwaln@barr.com.



3235 Fernbrook Lane
Plymouth MN 55447

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

3-Feb-21

Total by
Project Area

Administrative	1.45	60.00	87.00	
Administrative	85.25	65.00	5,541.25	
Admin - virtual	5.42	70.00	379.40	
Office Support	12.00	200.00	2,400.00	
Storage Unit	1.00	144.76	144.76	
Data Processing/File Mgmt	0.50	60.00	30.00	
File Management		60.00	0.00	
Archiving		60.00	0.00	
Admin - Reimbursable Expense	704.22	1.00	704.22	9,286.630
Website		60.00	0.00	
Website	1.02	65.00	66.30	
Website - Zoom		1.00	0.00	
Website - Reimbursable Expense		1.00	0.00	
Web Domain, hosting		1.00	0.00	66.300
Annual Reporting/Work Plans	9.45	65.00	614.25	
2020 Work Plan		65.00	0.00	
Annual Reporting/Work Plan - Reimbursable Expense	3.00	1.00	3.00	617.250
Project Reviews - Secre		60.00	0.00	
Project Reviews - Admin	29.60	65.00	1,924.00	
Project Reviews - Admin offsite		70.00	0.00	
Project Reviews - Admin - File Mgmt		55.00	0.00	
Project Reviews - Reimbursable Expense	395.93	1.00	395.93	2,319.930
WCA - Secre		60.00	0.00	
WCA - Admin	5.24	65.00	340.60	
WCA - Reimbursable Expense		1.00	0.00	340.600
Education - Secretarial		60.00	0.00	
Education - Admin		65.00	0.00	
Education - Admin virtual - Blue Thumb Partner Event	1.48	70.00	103.60	
Education - Reimbursable Expense		1.00	0.00	103.600
CIPs - General - Secretarial		60.00	0.00	
CIPs - Administrative	0.38	65.00	24.70	
CIPs- Offsite Admin		70.00	0.00	
CIPs - reimbursables		1.00	0.00	24.700
Grant opps - Secretarial		55.00	0.00	
Grant opps -Admin	1.20	65.00	78.00	
Grant opps - reimbursable		1.00	0.00	78.000
Floodplain mapping - admin		60.00	0.00	
Floodplain administrative	0.50	65.00	32.50	
Floodplain mapping reimbursable expense		1.00	0.00	32.500

Invoice Total

12,869.510

Watershed Management Commission

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Rogers High School Athletic Field Replacement City of Rogers Project #2020-042

Project Overview:

Location: Rogers, MN northeast of intersection of MN-101 and 141st Ave N.
Purpose: The existing athletic field and bituminous track at Rogers High School will be replaced with a new bituminous running track and an artificial turf athletic field. The total area disturbed by the development is 6.72 acres. Impervious surface is proposed to increase by 0.27 acres. The new athletic field and surrounding track will drain to stone beneath the field. The entire site will ultimately drain to an existing stormwater infiltration basin on the northeast corner of the Rogers High School property.

WMC Rules	X	Rule D	Stormwater Management
Triggered:	X	Rule E	Erosion and Sediment Control
		Rule F	Floodplain Alterations
		Rule G	Wetland Alteration
		Rule H	Bridge and Culvert Crossings
		Rule I	Buffer Strips

Applicant: Independent School District #728
Address: 11500 93rd Avenue North Elk River,
MN 55330

Attention: Thomas Baranick
Phone: 763-241-3405
Email: thomas.baranick@isd728.org

Agent: BKBM Engineers
Address: 6120 Earle Brown Drive, Suite 700
Minneapolis, MN 55305

Attention: Kevin Bohl, PE
Phone: 763-873-0427
Email: kbohl@bkbm.com

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application <input checked="" type="checkbox"/> ECWMC Request for Review and Approval <input checked="" type="checkbox"/> City authorization: Rogers <input checked="" type="checkbox"/> Review fee: \$1,800 <input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	1/8/2021

Submittals

1. Transmittal letter
2. Rogers High School Artificial Field Turf and Track Replacement Plan Set (18 sheets) dated December 22, 2020
3. ECWMC Request for Plan Review and Approval and fee of \$1,800 received on December 28, 2020
4. Elm Creek Watershed Management Commission Fee Schedule Worksheet
5. Hydrology Narrative prepared by BKBM Engineers dated December 22, 2020

- a. Stormwater Requirements Summary
 - b. Stormwater Management Analysis and Results
 - c. HydroCAD modeling report for existing and proposed conditions
6. Geotechnical evaluation report prepared by Braun Intertec dated August 28, 2020
7. HydroCAD model of entire school property prepared by SEH submitted January 7, 2021
8. Original drainage summary for entire Rogers High School site prepared by John Oliver & Associates dated May 22, 2001
9. AutoCAD site survey files provided January 7, 2021
10. Sketch of underground turf storage calculations dated January 8, 2021

Findings

General

1. A complete application was received January 8, 2021. The initial decision period deadline per MN Statute 15.99 is March 9, 2021.
2. The existing site consists of a grass football field, bituminous track, bleachers, and surrounding paths.
3. The proposed site will contain a new synthetic turf field with an underground drainage system, as well as a new bituminous track.
4. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings on site.

Rule D – Stormwater Management (plans)

General

☒ Meet Requirements ☐ Do NOT Meet Requirements

1. The project will disturb 6.72 acres and create 0.27 acres of new impervious surface.
2. The soils on the site are predominantly Hydrologic Soil Group Type B.
3. Soil borings indicate silty sand soils.
4. Aggregate base below turf field is lined with a woven geotextile fabric which will allow some infiltration below the field.
5. Site runoff drains to catch basins in depressed basins to the northwest and southwest of the football field and from daintile underneath the athletic field. All site runoff is routed to an existing stormwater basin in the northeast corner of the Rogers High School property. This basin was constructed with the original buildings and enlarged in 2010 to take advantage of the infiltration capabilities of the soil.

Water Quality Controls

☒ Meet Requirements ☐ Do NOT Meet Requirements

1. Plans **meet** the Commission's requirements for water quality.
2. The total drainage area to the existing NE stormwater basin is 79 acres.

3. The NE stormwater basin has a treatment volume of 6.2 acre-feet below the basin outlet. This provides the capacity to treat up to 67.5 acres of impervious area, which would be 85% of the total drainage area. The percent impervious area for the watershed will well under 85%.
4. Therefore, the existing basin has the capacity to treat the 0.27 acres of new impervious.

Rate Controls

☒ Meet Requirements ☐ Do NOT Meet Requirements

1. Plans **meet** the Commission's requirements for rate control.
2. 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.
3. Peak discharge rates shown in Table 2 are summarized downstream of the outlet from the existing stormwater basin at the northeast corner of the Roger's High School property.

Table 1 Rate of Discharge Leaving Northeast Stormwater Basin – Rogers High School

Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
Existing	25.3	60.1	138.7
Proposed	24.8	59.3	137.1
Change	-0.5	-0.8	-1.6

Abstraction Controls

☒ Meet Requirements ☐ Do NOT Meet Requirements

1. Plans **meet** the Commission's requirements for abstraction controls.
2. As discussed in the review of water quality requirements, the northeast stormwater basin has the capacity to provide abstraction for the 0.27 acres of new impervious area.

Rule E – Erosion and Sediment Control (plans)

☒ Meet Requirements ☐ Do NOT Meet Requirements

1. Plans **meet** the Commission's requirements for erosion and sediment control.
2. The erosion and sediment control plan is consistent with current best management practices.

Recommendation

☒ Approve

Notes

1. Recommend adding the 100-yr elevations for the northwest and southwest on-site dry basins to the plans.

2. Recommend updating HydroCAD model and/or plans so outlet elevation for draitile under the field is consistent (plans show 895.80 feet, model shows 895.70 ft).



Joseph J. Waln
Barr Engineering Co.
Advisor to the Commission

February 2, 2021

Date

Attachments

- | | |
|----------|---|
| Figure 1 | Site Location Map |
| Figure 2 | Aerial Imagery with Wetlands and Floodplain Areas |
| Figure 6 | Existing Contour Map |
| Figure 3 | Existing Drainage Pattern Map |
| Figure 4 | Proposed Drainage Pattern Map |
| Figure 5 | Grading and Drainage Plan |
| Figure 6 | Existing Contour Map |

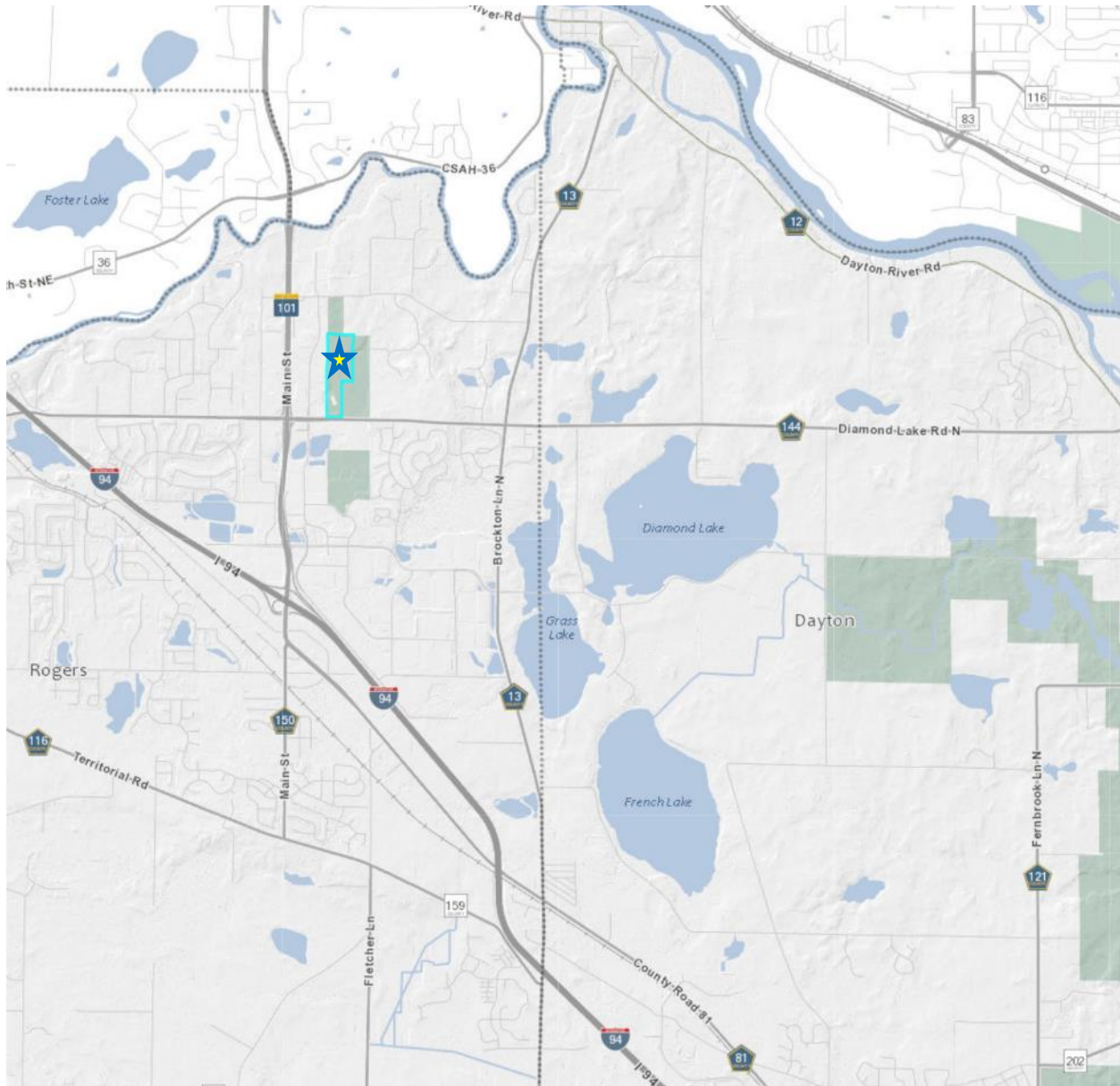


Figure 1 Site Location Map





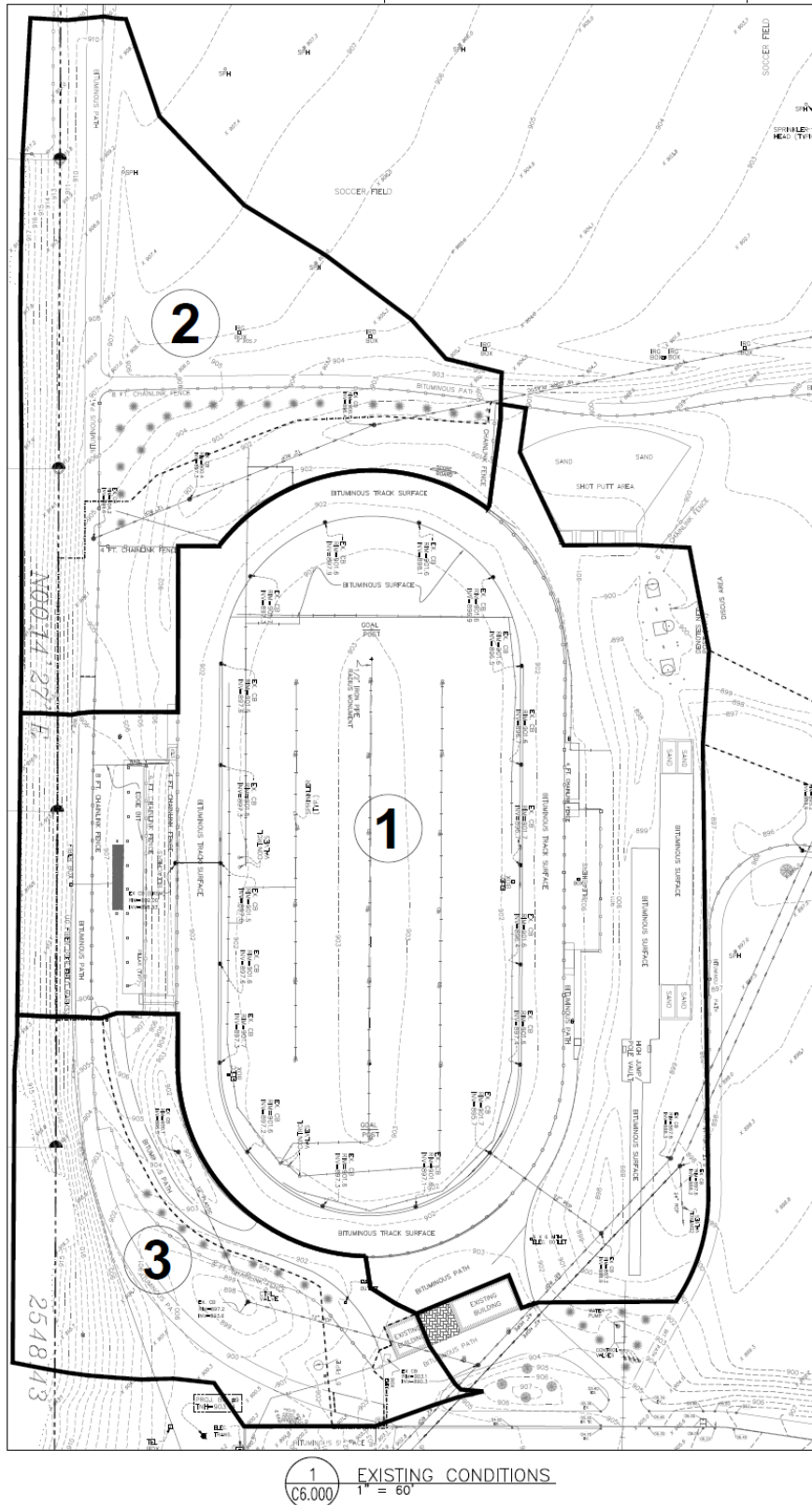


Figure 4 Existing Drainage Pattern Map

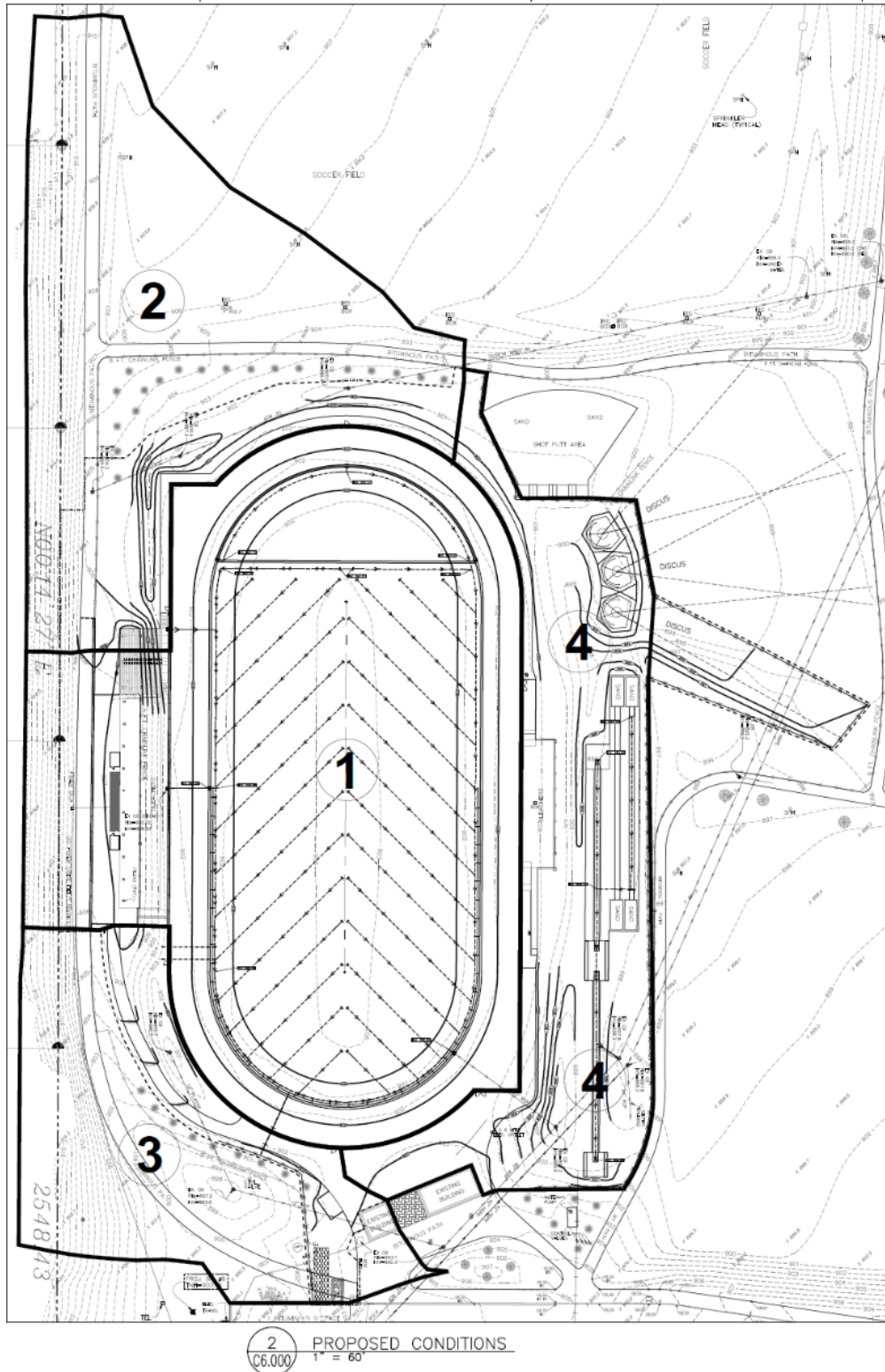


Figure 5 Proposed Drainage Pattern Map

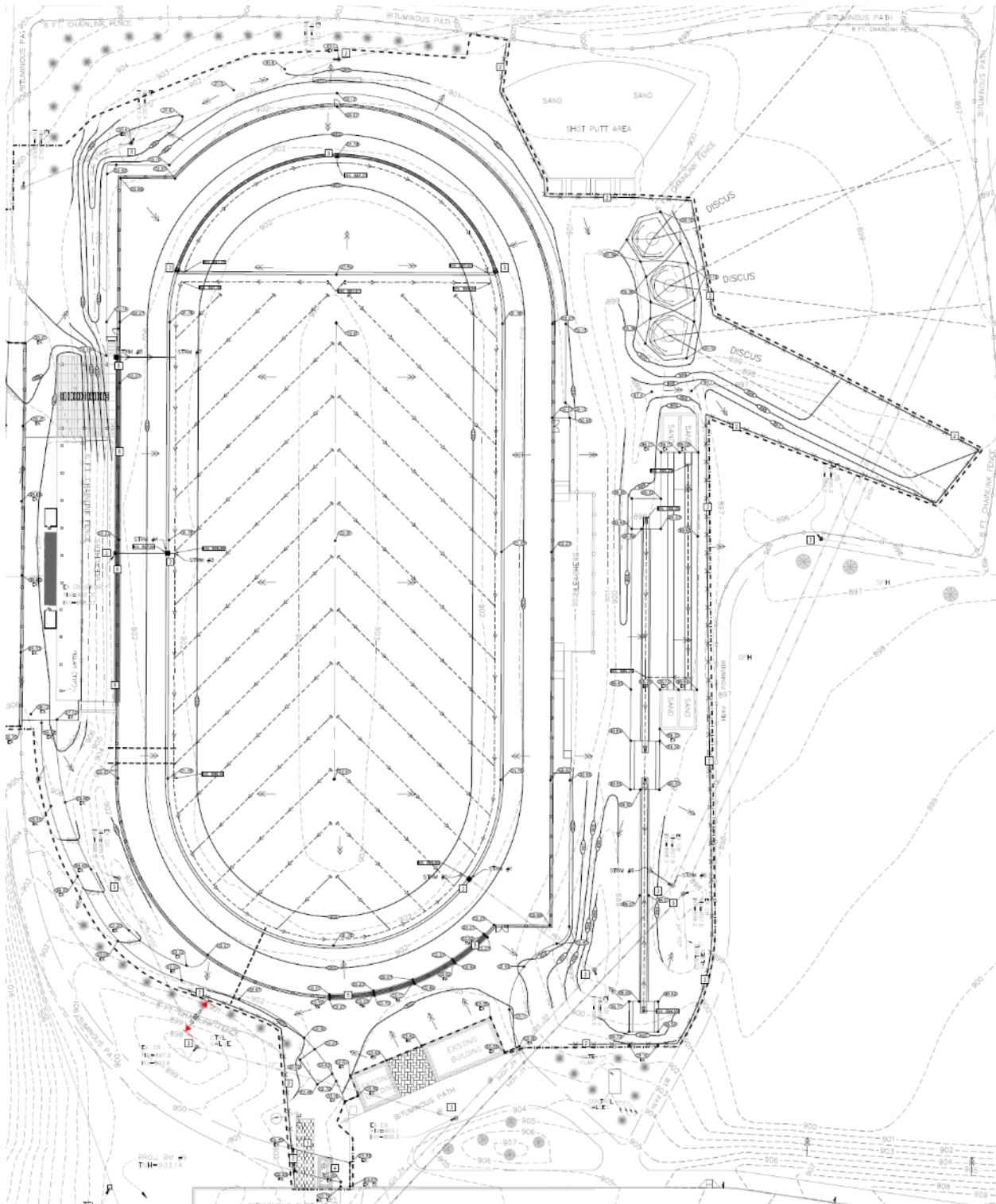


Figure 6 Grading and Drainage Plan



Figure 7 Existing Contour Map

elm creek

Watershed Management Commission

PROJECTED 2021 WORK PLAN

Minnesota Rule 8410.0150 requires the Commission to submit to the Board of Water and Soil Resources a financial report, activity report and audit report for the preceding fiscal year. 8410.0150 Subp. 3 outlines the required content of the annual activity report. It includes an assessment of the previous year's annual work plan and development of a projected work plan for the following year.

The Commission's Third Generation Watershed Management Plan identifies issues, priorities, and goals for the ten-year period 2015-2024.

1. Continue to review local development/redevelopment plans for conformance with the standards outlined in the Commission's Third Generation Watershed Management Plan. *Implement 2021 project review policy, application form, and fee schedule.*
2. Continue to partner with the Three Rivers Park District (TRPD) to share in the costs of conducting lake and stream monitoring in the watershed. *In 2021 TRPD will monitor Elm Creek at 77th Avenue (ECF77); Rush Creek at Territorial Road (RT); and Diamond Creek (DC) for continuous flow. TRPD will also monitor four of fifteen lakes in the Elm Creek watershed (Diamond, Fish, Rice main body, and Weaver) in 2021. In addition, under the cooperative agreement, the Commission and the Park District will provide financial support to assist the monitoring efforts of the USGS stream gauging station on Elm Creek within the Elm Creek Park Reserve.*
3. Fund the monitoring of one lake through Metropolitan Council's Citizen Assisted Monitoring Program (CAMP). *One lake will be monitored through CAMP in 2021.*
4. Continue to operate the monitoring station in Champlin in cooperation with the United States Geological Survey (USGS). *The cooperative agreement with the USGS will be renewed for WY2021.*
5. Promote river stewardship through Hennepin County's RiverWatch program with three sites in 2021, *dependent on the status of the pandemic.*
6. Participate in the MN Wetland Health Evaluation Program (WHEP) with four wetlands in 2021, *dependent on the status of the pandemic.*
7. Conduct the biennial solicitation of interest proposals for administrative, legal, technical and wetland consultants. *This process was undertaken in January 2021. Solicitations were published in the December 14, 2020 edition of the State Register. Five engineering firms, one legal firm, and one administrative service provider responded. Campbell Knutson, Professional Association, and Judie Anderson's Secretarial Services, Inc. were selected to perform legal and administrative services, respectively, at the Commission's January 13, 2021 meeting. _____ was chosen as the Commission's technical advisor at the February 11, 2021 meeting. This process will be repeated in January 2023.*
8. Continue as a member of the West Metro Water Alliance (WMWA). *Dependent on the status of the pandemic, Watershed PREP classes may be conducted virtually.*
9. Promote "Lawns to Legumes," a program for residents to seed their lawns with a bee lawn mix, targeting habitat for the Rusty-patched bumblebee, an endangered species. The Board of Water and Soil Resources (BWSR) will run the program with funding coming to Hennepin County serving as a Conservation District.

Additional funding is being sought to continue this program in 2021. The Commission will promote the program on its website if funding is realized.

10. Sponsor Rain Garden Workshops as part of the Commission's Education and Public Outreach Program. The workshops are presented by Metro Blooms. *Virtual workshops may be substituted for in-person workshops in 2021 and made available to host cities for rebroadcasting.*
11. Continue as a member of Blue Thumb and WaterShed Partners. *Staff will continue to virtually attend Blue Thumb and WaterShed Partner meetings, bringing back programs and ideas for promotion by the Commission.*
12. Continue to work in partnership with the University of Minnesota's agriculture specialist to help build relationships with the agricultural community in the watershed in order to achieve TMDL load reductions. *The status of the pandemic will determine what amount of interaction with landowners can occur in 2021.*
13. Work with the Hennepin County Rural Conservation Specialist. Assist landowners in identifying BMPs for implementation throughout the watershed. Work with member cities to identify projects that will result in TMDL load reductions. *Hennepin County Environment and Energy Staff will work with landowners to identify BMP projects as well as larger, more strategic projects for inclusion on the Commission's Capital Improvement Program (CIP).*
14. Send call out to member cities, requesting them to provide updates to the projects already included on the Commission's Capital Improvement Program (CIP) as well as inform the Commission of new projects that they would like to have considered for inclusion on the CIP. Hold public meeting, adopt an amendment to the Third Generation Watershed Management Plan, conduct public hearing, and certify levy to Hennepin County. *This process will be repeated in 2021.*
15. Undertake high priority projects identified in the Rush Creek Headwaters Subwatershed Assessment. *This process will continue in 2021.*
16. Adopt a 2022 operating budget. *A Budget Committee will draft a 2022 operating budget for consideration by the Commission in May 2021.*
17. Continue to populate and maintain the Commission's website www.elmcreekwatershed.org to provide news to residents, students, developers and other individuals interested in the water resources of the watershed. *This process will continue in 2021.*
18. Publish an annual activity report summarizing the Commission's yearly activities and financial reporting. *The 2020 Annual Activity Report will be published in April 2021 and made available to the member cities and the public on the Commission website, <http://www.elmcreekwatershed.org/annual-reports.html>.*
19. For the 2020-2021 biennium of the Watershed-Based funding program, BWSR decided to allocate the funds based on major watershed divides. Elm Creek is in the Mississippi West Major Watershed (MWW) which was allocated \$874,153. Funds become available July 1, 2020. Grants from these funds expire December 31, 2023 *The amount awarded to Elm Creek from the MWW is \$281,996.20. Elm Creek submitted two projects, the Rush Creek Restoration for \$200,000 and the Elm Creek Restoration at the outlet of Hayden Lake for \$300,000. After criteria ranking, Elm Creek was awarded the remaining funds of \$281,996.20 to be put toward one or both projects at the discretion of the Commission. A 10% local match is required. In addition, other grant funds will be pursued to complete these stream restorations.*

Elm Creek is also in the North Fork Crow (NFC) major watershed which was allocated \$91,105.00; however, no projects were identified within the major watershed area to use the funding so it was relinquished to other participants.

20. Complete Special Flood Hazard Areas on the FEMA Floodplain maps located within the watershed into current modeling packages. The total budget for this project in Elm Creek is \$92,772.45 and does not require a local match. *At December 25, 2020, eight percent of the original budget remained, not including \$14,800 of additional work authorized by the DNR in December 2020 and an additional \$1,200 for the revision of 12 subwatersheds and update of the HEC-HMS model inputs for those subwatersheds. The term of the contract ends March 31, 2021. The DNR will begin presentation of the model to the member cities on March 18, 2021.*
21. Support the City of Maple Grove and its partners as they undertake a subwatershed assessment for Weaver Lake. *The City has begun its work on the subwatershed assessment and is awaiting comments from the lake association before finalizing the assessment.*
22. Support the City of Corcoran and its partners as they undertake a subwatershed assessment for the South Fork of Rush Creek. A small portion of the South Fork also flows through the cities of Maple Grove and Medina. *Corcoran intends to continue pursuing funds and/or grants for this project. Staff recognizes a need to generate local funds and has discussed a stormwater utility as development expands in Corcoran's MUSA area as well as considerations for rural Corcoran. Council level discussions are likely to occur in 2021.*
23. Support the City of Dayton and its partners to continue efforts for completion of the Diamond Lake subwatershed assessment. *At 2020 year-end, the Diamond Creek Subwatershed Assessment Project was at approximately 75% completion. Most of the technical components of the project (~90%) were completed in 2020, including data compilation, GIS analysis, modeling, field visits, BMP siting, planning level design, and cost estimates. Staff have begun outlining and drafting the final report and plan to have a draft for local stakeholder review by the end of March 2021.*

elm creek

Watershed Management Commission

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STAFF REPORT

February 3, 2021

- a. 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 placed an order of abeyance (stay) on the appeal looking for a resolution between the LGU and Mayers. *On January 6, 2021, BWSR received an email from Corcoran that the LGU and Mayers were working towards resolving the restoration order. BWSR gave the City and Mayers until February 3, 2021 to seek an informal resolution or furnish a complete copy of the record to them. No new information has been received as of this update.*
- b. 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, 2021*, provided the review process with the City of Rogers does not expire.
- c. 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 BS property to create space for the 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 with Rules D, E, F, and I. At their September 11, 2019 meeting the Commission approved the project contingent upon: (1) a site plan providing 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. The applicant and their engineer have developed an overall stormwater management alternatives for this and potential future projects. They are still deciding the best approach to move forward before providing the Commission with the final stormwater management plans. Staff made preliminary comments on the draft plans in September and await the final submittal to determine compliance with this project and their future expansions. *Updated information was received in January 2021 and will be evaluated as part of project 2021-001 in conjunction with the approval conditions on this project.*
- d. 2020-002 Project 100, Maple Grove, renamed Minnesota Health Village (MHV).** Ryan Companies is proposing to develop 100.6 acres of agricultural land into a mixed-use development consisting of office, medical, hospital, multi-family residential and senior living facilities. This site is situated between I-610 to the north, I-94 to the west and the Maple Grove Hospital to the east. The applicant is seeking approval of a regional stormwater management system to address the Commission's present-day requirements throughout the timeline for all phases of this development. Additionally, they are requesting grading and erosion control approvals for Phase I of the development.

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

Phase I site plans consists of mass grading of approximately 35 acres in the southeast portion of the site to accommodate street and utilities, 383 parking stalls for the existing hospital and future building in this area. The Commission reviewed the concept plan for compliance with Rule D. In addition, Staff reviewed Phase I for compliance with Rules D, E, G and I. At their March 2020 meeting the Commission approved this project contingent upon the following conditions: Phase I site plans: (1) Feasibility to infiltrate stormwater in the filter bench areas of ponds 1 and 2 must be determined. If infiltration is considered feasible, design revisions and compliance with MPCA infiltration design criteria is required and (2) City, MN WCA, and Commission compliance on any wetland impacts must be adhered to. These two items remain outstanding.

Concept Site Plans: The overall stormwater management concept plan design meets the Commission's standards provided. (1) Feasibility to infiltrate stormwater in the future filter bench areas and biofiltration basins is determined. If infiltration is considered feasible, design revisions and compliance with MPCA infiltration design criteria is required. (2) Commission Project review and approval are required when future site development triggers a review. These two items are considered on-going and will come forward as this site develops. No other information is necessary at this time.

For Phase I and the Concept Plans: The Commission recommends the management of stormwater runoff to minimize the impacts of the application of chloride compounds on water resources by minimizing their use on roads, parking lots, sidewalks and other impervious surfaces. Toward that end, the Commission requests that existing and future landowners develop and implement a chloride management plan on all private parking and walking areas within this project to minimize chloride runoff into surface water on site. The primary element of such a plan is implementation and application of salt to these surfaces by an applicator with MPCA Level 1 Certification in Snow & Ice Control Best Practices.

Note: The City of Maple Grove is looking at the feasibility to consolidate as many of the regional ponds for this site as possible while continuing to meet the regulations and goals of the approved plans. Commission staff will work with the City to ensure the Commission's requirements and approvals are compliant with any changes. This will be on-going as the site develops.

Updated stormwater information was received with project 2021-004 (Roers Maple Grove Apartments) Staff is in the process of reviewing and updating both projects.

e. 2020-015 Dayton Interchange Business Center, Dayton. Scannell Properties is proposing to develop a 12-acre parcel of agricultural land into a 124,000 SF office/warehouse building with related infrastructure, creating 6.2 acres of new impervious area. This site is located west of CR 81 and north of Territorial Road near Holly Lane. The site plan triggers a Commission review for conformance with Rules D, E, G, and I. No recommendations are provided to the Commission at this time. The project review deadline was extended by the applicant to November 30, 2020. *Staff requested an extension from the applicant. If none is provided before February 8, 2021, the project will be denied.*

f. 2020-016 Skye Meadows, Rogers. Lennar Corporation is proposing to construct a residential development on 130 acres along Territorial Road. The site consists of six separate parcels located both north and south of Territorial Road (CR116) just west of Tilton Trail. 363 single-family residential units are proposed, creating 38.73 acres of new impervious areas in seven phases. The Commission's review will be for conformance to Rules D, E, F, G, and I for all seven phases. At their January 2021 meeting, the Commission approved this project contingent upon: final grading plans on Phase 1B complying with the Commission's low floor/100-year elevation requirements per Rule D 3i (7) criteria and storm pipe inlets FES 205 and 212 on basins H and I, and FES 304 on Basin K being extended to the NWL of the basin. *The applicant has requested a variance for low floor elevations, which is being reviewed under Project 2021-002.*

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

RULE G - WETLAND ALTERATION
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g. 2020-029 Sundance Greens 5th Addition. This project is part of a larger residential development that was reviewed and approved as the Sundance Greens Development (Project #2018-005). The full development covers 310 acres west of County Road 121 (Fernbrook Lane N.) in and around the Sundance Green Golf Course. The full development will construct 645 new single-family homes with 100 units proposed as a senior housing facility. The 5th Addition will grade 75 acres for 212 lots. This review will check consistency of the stormwater management plans that were previously approved and erosion controls. This project can be administratively approved by Staff. As of the October update, additional erosion and sediment controls were necessary before Staff can grant approval. The applicant extended the decision deadline to April 15, 2021. *No updates were received in January.*

h. 2020-033 Weston Woods, Medina. This project would create 150 residential units on a 135-acre site. The existing condition is undeveloped. The project will disturb 49.2 acres and create 17.4 acres of impervious area. *Staff is still reviewing the updated project information. A recommendation to the Commission should be forthcoming in March. The deadline for the Commission decision has been extended by the applicant to April 2, 2021.*

i. 2020-035 Presteng Residence, Corcoran. This is a 3.84-acre lot that is proposed to be graded to accommodate the Presteng home. Located on Lot 1, Block 1, Schmidts Hidden Valley Second Addition, south of Oakdale Drive approximately 1/4 mile east of Bechtold Road, the project triggers the Commission's rules because it disturbs more than 1.0 acres of land during construction. In December, the Commission approved Staff findings dated November 12, 2020, wherein they recommended approval pending receipt of a certificate of survey with lowest most floor verification at or higher than the 950.7 elevation. *Updated information received in January 2021 complies with the Commission's approval requirements. This item will be removed from the report.*

j. 2020-036 Balsam Pointe, Dayton. This project would create 98 residential units on a 10-acre site near the intersection of Dimond Lake Road South and Dayton Road. The existing condition is undeveloped. The project will disturb the entire site and create 5.3 acres of new impervious. The application is being reviewed for Rules D and E. *The Commission approved Staff's recommendations at their January 13, 2021 meeting contingent upon an Operation & Maintenance agreement per the Commission's standards being recorded on the land title. This item will be moved to the final recordings section of this report.*

k. 2020-037 Rice Lake Elementary School Pond Excavation, Maple Grove. This project would construct two new buildings, a parking lot, and play areas on school grounds. The school is on the southwest corner of Elm Creek Boulevard and 89th Avenue North. The project will disturb approximately 4.7 acres and create 1.1 acres of new impervious. The application was reviewed for Rules D and E. *The Commission approved Staff's recommendations at their January 13, 2021 meeting. This item will be moved to the final recordings section of this report.*

l. 2020-038 8130 Strehler Road, Corcoran. This project would create a single residential unit on a 40-acre agricultural parcel. The project will disturb 2.3 acres to provide driveway access and grading for the home and septic system. The applicant is seeking administrative approval of its erosion and sediment control plan (Rule E). Staff granted administrative approval with the recommendation that a wetland delineation be approved on the complete parcel. No action is required by the Commission. *This item will be removed from the report.*

m. 2020-039 Elm Creek Creekside Hills Trail, Plymouth. This project would construct 1100 feet of trail along Elm Creek with a bridge over the creek. The proposed trail will connect Alvarado Lane North and Way-

zata High School Road. The project will disturb 0.8 acres and create 0.24 acres of new impervious surface. Grading near the bridge will create fill in the floodplain. The loss of flood storage is mitigated by cut in adjacent areas. The application was reviewed for Rules E, F, G, H, and I. *The Commission approved Staff's recommendations at their January 13, 2021 meeting. This item will be moved to the final recordings section of this report.*

n. 2020-040 The Cedars of Elm Creek 3rd Addition, Champlin. This project would construct two single family residential structures at the corner of West Hayden Lake Road and Vera Street North. The area of disturbance is less than one acre. The application was reviewed for Rules E and F. The project will place fill in the regulatory floodplain to elevate the structures above the 100-year flood elevation. Compensatory storage will be provided to offset the floodplain fill. *The Commission approved Staff's recommendations at their January 13, 2021 meeting. This item will be moved to the final recordings section of this report.*

o. 2020-041 Plum Tree East Drainage Improvement, Plymouth. This City project would clean out sediment from an existing stormwater pond and construct drainage improvements to reduce channel erosion downstream of the pond. The project will disturb approximately 0.8 acre of land. The application was reviewed for Rule E. Staff granted administrative approval for the project. No action is required by the Commission. *This item will be removed from the report.*

p. 2020-042 Rogers High School Athletic Field Replacement, Rogers. *This project would replace an existing athletic field and bituminous track with a new bituminous track and an artificial turf athletic field. The school address is 21000 141st Ave N. The project would disturb 6.72 acres and create 0.27 acres of new impervious. Stormwater from the site will be managed using an existing infiltration basin. The application was reviewed for Rules D and E. Findings and a recommendation are included in the meeting packet. Staff recommends approval of the project.*

q. 2021-001 Boston Scientific MG Campus, Maple Grove. *This project would construct a new access drive and expand an existing parking lot. The Maple Grove campus address is 1 Scimed Place. The project would disturb 22 acres and create 4.2 acres of new impervious surface. The application is being reviewed for Rules D and E. Staff provided comments to the applicant on February 1, 2021. No recommendation at this time.*

r. 2021-002 Skye Meadows Variance, Rogers. *This project is a variance request for Project 2020-016. The project would construct 393 single family residential lots. Eleven of the proposed lots would not meet the two-foot minimum freeboard requirement above the high-water levels for adjacent waterbodies. The variance application documents the hardships that prevent the project from meeting this requirement. Staff provided comments to the applicant on February 2, 2021. No recommendation at this time.*

s. 2021-003 Cranberry Ridge, Plymouth. *This project would construct an apartment building, parking lot and driveway access off Old Rockford Road. The existing site has two single-family residential structures that will be removed. The project would disturb 2.73 acres and create 1.06 acres of new impervious surface. Staff are waiting for a complete application before beginning the review. No recommendation at this time.*

t. 2021-004 Project 100 Phase 1, Maple Grove. *This project is Phase 1 of Project 2020-002. This will be an administrative review for erosion and sediment controls and compliance with the approved stormwater management plan. Final findings and decision will be provided to the Commission when they are available.*

FINAL RECORDINGS OR OTHER DOCUMENTATION/FOLLOW-UP ARE DUE ON THE FOLLOWING PROJECTS:

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. 2016-005W 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 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.

ak. 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.

al. 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 had been 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 spring 2019. 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 additions).

am. 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 2018 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.

an. 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 ap-

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proved this project at their November 2018 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 was expected activity would resume in Spring 2019.

ao. 2019-001 Fernbrook View Apartments, Maple Grove. This is a 4.85-acre rural residential lot located at the northeast intersection of CSAH 81 and Fernbrook Lane. The applicant proposes to construct a 2-story, 42-unit apartment building. This project was approved at the February 2019 Commission meeting with the following conditions: (1) 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. With the exception of the O&M plans, these conditions have been met by the applicant. This project was approved by the Commission's technical advisor per the updated project review dated February 5, 2020.

ap. 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 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.

aq. 2019-021 Brenly Meadows, Rogers. This is a 38-unit townhome project proposed on 6.9 acres north of 129th Avenue about one-third 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.

ar. 2019-027 Havenwood at Maple Grove. This is a 5.6-acre site located at 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. In their findings dated October 17, 2019, Staff recommended approval contingent upon the irrigation pond and system having an operation and maintenance plan approved by the City and Commission and recorded on the title for this property. A copy of the recorded document must be provided to the Commission.

as. 2019-032 OSI Expansion, Medina. This is an existing business located in the northwest corner of Highway 55 and Arrowhead Drive. The applicant is proposing to build an addition on the south side of the building and add parking to the north side of the site, creating an additional 3.6 acres of new impervious area. In their findings dated February 4, 2020, Staff recommended approval contingent upon receipt of O&M plans on the stormwater facilities that meet the Commission's requirements. *Dusty Finke reported on March 4, 2020, that recordation of the O&M plans is still pending.*

at. 2020-001 Outlot L, Markets at Rush Creek, Maple Grove. Outlot L is a 1.55-acre lot located in The Markets at Rush Creek (Hy-Vee South) PUD development. This project is located just west of the Hy-Vee gas station and south of CR10. A 12,000 SF multi-tenant building and associated parking is proposed for this site. Stormwater management for this lot is part of the regional stormwater system approved by the Commission for project 2016-002. Commission rules require compliance with Rules D and E. On January 23, 2020, Staff administratively approved this project contingent upon receipt of a dated and signed set of final development stage plans. Signed and dated plans were received in December 2020. The project approval is good until December 31, 2021.

au. 2020-008 Lone Gardens, Dayton. This project is located at the northwest intersection of CSAH 144 (Diamond Lake North) and 12 (Dayton River Road). The site consists of three agricultural properties totaling 48.29 acres. 112 new single-family residential lots creating 16.84 acres of new impervious surface area are proposed for this development. The Commission's review was for compliance with Rules D, E, G, and I. At their October 2020 meeting the Commission approved Phase I grading on the north 14-acre area conditioned that: a) the applicant accepts any and all risks for any.

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changes required to obtain final approval by the Commission and b) that the City of Dayton grants approvals for said grading, and to deny the remainder of the application unless the applicant extends the review deadline beyond the current October 21, 2020 deadline. The applicant extended the deadline to November 30, 2020. Updated site plans received November 16, 2020 met the contingencies of the Commission approval with the exception of the post development infiltration basin percolation test requirements. At their December meeting the Commission approved the updated plans contingent upon post-development percolation tests being provided on infiltration basins to demonstrate the constructed infiltration rate meets or exceeds the design infiltration rates.

av. 2020-017 Meadow View Townhomes, Medina. This is a 22-acre site located south of Meander Road and north of Highway 55. Lennar Homes is proposing to build 125 townhomes with their necessary infrastructure on this site. A complete application was received May 29, 2020. The plans call for 7.64 acres of new impervious areas. The Commission's review was for conformance to Rules D, E, F, G, and I. At their October meeting, the Commission approved Staff's finding dated September 30, 2020, contingent upon (1) The mean (average) depth on the west wet-detention pond must be 4.0' or deeper; (2) Buffer strip monumentation and vegetation maintenance plans must conform to the Commission's requirements; (3) An operation and maintenance agreement of the stormwater ponds and irrigation system must be approved by the City and the Commission. Said agreement must be recorded on the property title with a copy of the recorded document provided to the Commission; and (4) Erosion and sediment controls must conform to Commission requirements. Since the approval, the City of Medina has requested the applicant provide abstraction by irrigation only, thus eliminating one filter basin. Staff reviewed the changes and found the updates to be in compliance with the Commission's original approvals for stormwater management and administratively approved the plans contingent upon item (3) above and added the condition that design information on the irrigation pump and augmentation water source must be provided within six months of this approval.

aw. 2020-025 Paulsen Farms, Corcoran. This is an 88-acre parcel located south of CR30 and east of Bechtold Road. Twenty (20) single family rural residential lots with 5.2 acres of new impervious areas are proposed on this site. This project triggered Rules D, E, and I. At their October 2020 meeting the Commission approved Staff's findings dated September 23, 2020 contingent upon: (1) rate control at culvert #3 must be equal to or less than pre-development rates for all storm events; (2) buffer strip monumentation conforms to the Commission's requirements; and (3) an operation and maintenance agreement must be created and approved by the City and the Commission. Said agreement must be recorded on the property title with a copy of the recorded document provided to the Commission. This project has been put on hold by the applicant. They have been informed that the approval expires October 14, 2021.

ax. 2020-030 Nelson International, Corcoran. This project would construct a new semi-truck and trailer dealership and center on a 22.4-acre site. The project will disturb 9.5 acres and create 6.6 acres of impervious surface. The existing condition is a single-family residence with 0.4 acres of impervious. The application was reviewed for Rules D, E, G, and I. In their findings dated November 4, 2020, Staff recommend approval contingent on submission and approval of an O&M agreement with the City and that a subsequent addition to the proposed structure shall be submitted for administrative review. The Commission approved Staff's recommendations at their December 9, 2020 meeting.

ay. 2020-032 Enclave Rogers – Commerce Boulevard., Rogers. This project would create an apartment complex on a 3.3-acre site. The existing condition is undeveloped. The project will disturb the entire site and create 2.15 acres of impervious surface. The applicant is proposing an iron enhanced sand filter to meet Total Phosphorus removal requirements. The site is within two of the three outlots created as part of the adjacent former Lowe's development. The application was reviewed for Rules D and E. Staff granted administrative approval for grading contingent on applicant accepting risk for changes required for final approval and on approval from the City for grading activities. In their findings dated December 2, 2020, Staff recommended approval with those conditions, as well as submission of an O&M agreement for stormwater features, minor updates to the hydrology report, and minor updates to the SWPPP. The Commission approved Staff recommendations at their December 9, 2020 meeting.

az. 2020-009 Stetler Barn, Medina. This site disturbs approximately 3.5 acres and must meet Commission Rules D, E, and I. Because of the limited available space for pasture, paddocks and land application of manure, understanding how these components will be managed is also an important part of the review. A complete plan was received on April

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22, 2020. At their May 13, 2020 meeting the Commission approved this project contingent upon: 1) The landowner continuing to work with the U of M Extension Office and Hennepin County Rural Conservationist to finalize composting, pasture and paddock management plans and 2) A long-term pond/basin operation and maintenance plan and agreement with the City of Medina being approved by the City of Medina and the Commission. The agreement must be recorded on the land title with a copy of the recorded agreement provided to the Commission.

ba. 2020-023 Ziegler, Dayton. This is an existing 4.73-acre commercial parcel located on Territorial Road near Holly Lane close to the Maple Grove/Dayton border. Currently the property consists of a building with bituminous drive and parking areas and a large gravel storage yard. The applicant is proposing to utilize the existing building, construct an additional commercial building, expand the bituminous parking lot, and add gravel lots for merchandise display and storage. It triggers Commission rules D, E, G, and I. The Commission approved this project at their August 2020 meeting contingent upon wetland permitting being obtained and an Operation & Maintenance agreement per the Commission's standards being recorded on the land title. As of this update, the wetland permit has been approved, but the O&M plan has yet to be received.

bb. 2020-027 Kariniemi Addition, Corcoran. This is a 12.7-acre parcel located on Lot 3, Block 1 of the Rolling Hills Acres subdivision (ECWMC Project 2019-030) about a mile north of Highway. 55 on the east side of Rolling Hills Road. The applicant proposes to create three lots with a shared driveway for access along the northerly portion of the property. Project work will disturb 2.6 acres and create 0.83 acres of new impervious areas. This project was approved by the Commission at their September 2020 meeting pending receipt of O & M plans.

ELM CREEK FLOODPLAIN MAPPING PROJECT

Below is the January 25, 2021 monthly status report for the Elm Creek Floodplain Mapping project.

Work conducted over the last month:

1. Internal QAQC of draft hydraulic model
2. Development of hydraulics memorandum and final files for submittal
3. Incorporation of Orphan Areas between Elm Creek and Shingle Creek into hydrology model

Work that is anticipated to occur over the month:

4. Development of floodway mapping
5. Completion of hydraulics memorandum and final files for submittal
6. The draft report is scheduled to be completed in February, 2021

Data/input we are waiting on from others

7. Nothing at this time

Budget spent through 1/25/2021: \$ 91,880 (86% of \$106,945 budget)

- The budget includes the MnDNR grant amendment adding \$16,000 to the project budget.

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HENNEPIN COUNTY

MINNESOTA

DATE: February 2, 2021

TO: Elm Creek Watershed Management Commission (ECWMC)

FROM: Kris Guentzel; Hennepin County Department of Environment and Energy

RE: February ECWMC Updates

2021 Watershed Service Agreement

In order to partner in sharing the cost of implementing Rush Creek CWF projects, as well as making use of the Elm Creek WMC capital funds allocated to this geography, a watershed service agreement with Hennepin County will be needed this year. Karen Galles intends to share a draft of the scope of services in early February for the Commission's review.

Personnel Changes

Hiring Conservation Specialist

Hennepin County Environment and Energy has posted for a Conservation Specialist, who is being brought on to lead implementation of the Rush Creek Clean Water Fund (CWF) Implementation Grant and other rural conservation initiatives in the department. The posting is [here](#) or by typing hennepin.us/jobs into your browser's URL.

If you know of anyone well suited for the position, please let us know and encourage them to apply! The posting closes on February 11th, 2021. We anticipate having him/her on staff by March 2021.

Team Responsibilities

With the recent loss of Kirsten Barta from our team, we re-arranged team responsibilities to ensure we continue to provide ECWMC Commissioners and staff with the technical assistance they need to deliver conservation services to their citizens. Below are team responsibilities for at least the next few months. These are subject to change, especially as our new Conservation Specialist is brought into the team, trained, and gains experience.

- **Kris Guentzel** – primary point of contact for ECWMC staff/commissioners; landowner and LGU concerns on drainage and ditches, program lead for Rush Creek CWF grant implementation. *Commissioners/City Staff: Please copy Kris on any initial correspondence on a new watershed-related matter with another Hennepin staff member.*
- **Paul Stewart** (our Rural Conservationist) – handles rural conservation implementation and buffer enforcement
- **Stacey Lijewski** (WCA Coordinator) – WCA TEP participation, WCA administration and general wetland inquiries



- **Kristine Maurer** – project lead on select projects, especially those w/ natural resource improvement benefits. She will be the lead for currently ongoing work upstream of Jubert Lake.
- **New Conservation Specialist** – project implementation for Rush Creek CWF and cost share, responsibilities (may evolve w/ experience)
- **Tony Brough** – Aquatic Invasive Species and Lake Programs administrator
- **Matt Stasica** – county agricultural inspector and land conservationist
- **Karen Galles** – unit lead, administrative and personnel contact

If you have any questions on team responsibilities, especially as it pertains to work in your area, please don't hesitate to reach out (Kristopher.guentzel@hennepin.us or 612-596-1171).

Subwatershed Analyses

Diamond Lake

Hennepin County staff met with Wenck staff, Nico Canterero and Jeff Strom, to discuss assistance on development of the Diamond Lake Subwatershed Analysis. Wenck staff are in the process of completing report deliverables, which county staff will ground truth and provide feedback on implementation feasibility. This work will be completed later this winter or early spring following snowmelt.

Rush Creek Clean Water Fund Implementation Grant

Hennepin County is hiring a Conservation Specialist in February, who will focus their work on completing implementation of the Rush Creek CWF grant. County staff are working internally to develop an outreach & marketing campaign to seek out landowners to work with in spring and summer 2021. County staff will engage ECWMC for feedback on this outreach & marketing campaign and will seek assistance (where appropriate) to improve its outreach potential.

Project / Program Updates

Jupert Lake Agricultural BMPs

Phase 1 projects west of Jubert Lake are in the final design review stage and will be presented to the Landowners for approval and contracting. We will be engaging contractors to complete Phase 2 designs and permitting for all projects this winter and early spring. Phase 1 Project implementation will likely occur this fall with Phase 2 projects to commence in 2022. These projects are on multiple parcels west of Jupert Lake. Design and implementation are being funded through a funding partnership with ECWMC, Hennepin County, the State of MN (Rush Creek CWF grant), and the parcel landowners.

Other Projects Mentioned in Previous Staff Reports

There were three additional potential projects mentioned in county staff's most recent staff report. After a review of project documentation, the scope of these projects is not yet clear. The new Conservation Specialist will circle back to these opportunities as soon as possible to understand the project and how they align with available funding sources.

County Ditch Inspections

Ditch inspections tentatively scheduled for this winter for County Ditches 3 and 16 have been postponed indefinitely. This effort was an initiative to identify clear maintenance needs which could be paired with multi-purpose drainage management practices that maintained or improved drainage while providing water quality improvements. At this time, we do not have capacity to take on this project but hope to revisit it in the future when we have additional staff.

Buffer Compliance

In 2020, Hennepin County completed a review to determine compliance with the State of Minnesota's Buffer Law in the Cities of Champlin, Dayton, Maple Grove, and Plymouth. As of December 2020, all parcels in those cities were compliant. Minnesota's Buffer Law requires public waters in the state - lakes, rivers and streams - to be surrounded by 50-foot wide (on average) vegetated buffers, while public ditches must have 16.5-foot wide buffers as well.

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