

elm creek Watershed Management Commission

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

May 1, 2024

Representatives

and

Technical Advisory Committee Members
Elm Creek Watershed Management Commission
Hennepin County, Minnesota

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

Dear Representatives and Members:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, May 8, 2024, at 11:30 a.m.** at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN. This month we will meet in **CLASSROOM 2B**, on the upper level, where we met last month.

During the regular meeting, following Open Forum, the Commissioners will receive comments regarding their proposed 2024 CIP, including a Minor Plan Amendment to revise the cost of one project for 2024 and add two projects to year 2025 (see attachment).

The Technical Advisory Committee (TAC) will meet at **11:00**, prior to the regular meeting.

Please email me at judie@jass.biz with any comments on the proposed Minor Plan Amendment and 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	Erik Megow	Diane Spector	James Kujawa	Rebecca Carlson
	TAC Members	Karen Galles	Kris Guentzel	Kevin Ellis	Brian Vlach
	City Clerks	DNR	BWSR	Met Council	MPCA
	Reviewing Agencies			Official Newspaper	

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

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AGENDA Regular and Public Meetings | May 8, 2024

The meeting packet may be found on the Commission's website: <http://elm creekwatershed.org/minutes--meeting-packets.html>
Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

1. Call Regular Meeting to Order.
 - a. Approve Agenda.*
2. Consent Agenda.
 - a. Minutes last Meeting.*
 - b. Treasurer's Report.*
3. Open Forum.
4. Public Meeting.
 - a. Proposed Minor Plan Amendment to the Revised CIP.*
 - b. Resolution 2024-01.*
5. Action Items.
 - a. Project Reviews.*
 - b. 2025 Operating Budget.*
6. Old Business.
7. New Business.
8. Communications.
 - a. Staff Report.*
 - b. Hennepin County Staff Report.*
9. Education.
 - a. WMWA Update.
 - b. WMWA - next meeting – May 14, 2024, at 8:30 a.m., via Zoom.
10. Grant Opportunities and Updates.
 - a. Letter of Support.*
 - b. 2024 Watershed-Based Implementation Funding (WBIF). Next Convene meeting = Monday, May 13, 2024, at 1:00 p.m. via Zoom.
11. Project Reviews.

Project No.	Project Name		Project No.	Project Name
2014-015	Rogers Drive Extension.		2023-011	Sundance Greens 9th, Dayton.
2016-005W	Ravinia Wetland Bank Plan, Corcoran.		2023-013	River Valley Church, Maple Grove.
2017-050W	E Mayers Wetland/floodplain viola, Corc		2023-015	South Fork Rush Creek Evanswood, M Grove

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

2018-046	Graco, Rogers.		2023-022	Shores of Sylvan Lake, Rogers.	
2020-009	Stetler Barn, Medina.		2023-023	NORSQ, Maple Grove.	
2020-017	Meadow View Townhomes, Medina.		2023-025	Rogers Mixed Use Improvement.	
2020-033	Weston Woods, Medina.		2023-028	Rush Creek Hollow, Maple Grove.	
2021-020	Crew Carwash, Maple Grove.		2023-029	Dayton Field 4th Addition.	
2021-029	Tri-Care Grocery / Retail, Maple Grove		2023-030	Woodland Hill of Corcoran.	
2021-034	BAPS Hindu Temple, Medina.				
2022-006	Hamel Townhomes, Medina.		2024-001	Saddle Ridge, Rogers.	
2022-011	Arrowhead Drive Turn Lane Expn, Medina.		2024-002	The Meadows Park, Plymouth.	
2022-017	City Center Drive, Corcoran.		2024-003	Rogers Apartments.	
2022-018	Big Woods, Rogers.		2024-004	Dayton River Road Turn Lane.	
2022-022	Cook Lake Highlands, Corcoran.		2024-005	Rush Hollow North, Maple Grove.	
2022-028	Elsie Stephens Park, Dayton.		2024-007	Eagle Brook Church, Plymouth.	
2022-040	Kariniemi Meadows, Corcoran.		2024-008	Rogers HS Stadium Improvements.	
2022-043	Meander Park and Boardwalk, Medina.	A	E	2024-009	Heritage Christian Academy, Maple Grove.
2023-001	Chankahda Trail Recon Phase 2, Plymouth.	A	E	2024-010	Corcoran Storage II.
2023-009	Magnifi Financial, Maple Grove.	A	E	2024-011	Jaeger-Jordan Ditch Stabilization, Dayton.
2023-010	Rogers New Fire Station.	A	E	2024-012	Dayton Interchange.
2023-020	Dunkirk Square, Maple Grove.			2024-013	Red Barn Pet Retreat, Corcoran.
				2024-014	Schmidt Woods Park, Plymouth.

12. Other Business.

13. Adjournment.

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*in meeting packet

**available at meeting or on website

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MINUTES Regular Meeting | April 10, 2024

I. CALL TO ORDER. A meeting of the Elm Creek Watershed Management Commission was called to order at 11:32 a.m., Wednesday, April 10, 2024, in the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN, by Chair Doug Baines.

Present: Bill Walraven, Champlin; Ken Guenther, Corcoran; Doug Baines, Dayton; Dan Riggs, Maple Grove; Terry Sharp, Medina; and Catherine Cesnik, Plymouth. Not represented: Rogers.

Also present: Kent Torve, Stantec, Corcoran; Derek Asche, Maple Grove; Ben Scharenbroich, Plymouth; Erik Megow and Diane Spector, Stantec; Kevin Ellis, Hennepin County Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Judie Anderson, JASS; Karen Wold, Barr Engineering; Zach Moen, Loucks Associates; and Paul Wardell, Plymouth.

II. AGENDA. Motion by Walraven, second by Guenther to approve the Agenda as presented. *Motion carried unanimously.*

A. Motion by Guenther, second by Sharp to approve the **Minutes* of the March 13, 2024, meeting.** *Motion carried unanimously.*

B. Motion by Guenther, second by Walraven to approve the **April Treasurer's Report and Claims*** totaling \$33,409.29. *Motion carried unanimously.*

III. OPEN FORUM.

Wardell was present to express his concerns regarding elevated water levels on his property. The Commission requested that Staff from the City of Plymouth and the MnDNR meet with Wardell to discuss options to clear the pipe located on the property at 6105 Vicksburg Lane.

IV. PROJECT REVIEWS.

A. 2016-005 Ravinia Wetland Replacement Plan, Corcoran.* Wold was in attendance to present the Ravinia project. Included in the meeting packet were the annual monitoring reports for the 2021-2023 growing seasons. She indicated that areas of the site still remain under-vegetated. Wold was requested to set up a Technical Evaluation Panel (TEP) meeting onsite in May to evaluate the site and to make a recommendation to the Commission as to the need for future mitigation activity. The Commission continues to hold an LOC in anticipation of completing the project; however, the cash escrow has been depleted.

B. 2024-005 Rush Hollow North, Maple Grove.* The project is located on a 9.0-acre site and will disturb 10.6 acres. The proposed project will construct 25 single-family homes, associated

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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driveways, utilities, and streets. Off-site grading and future trails will be completed by others. The project triggers Rules D and E. A finding of facts memo dated March 29, 2024, is included in the meeting packet for Commission approval conditioned on escrow reconciliation and updated notes stating soil decompaction and off-site grading approval. Motion by Guenthner, second by Riggs to approve Staff's recommendations. *Motion carried unanimously.*

C. 2024-007 Eagle Brook Church, Plymouth.* The project is development of an existing parcel with a proposed 64,000 square foot building, parking, cul-de-sac, park, associated trail, utilities and storm water treatment. The existing parcel is 55.96-acres and there are 25.71-acres of proposed disturbance. The site currently consists of an existing farmstead and outbuildings, associated driveways and public improvements. The site is located on the northwest quadrant of Maple Grove Parkway and Chankahda Trail. The project triggers Rules D, E, and I. A finding of facts memo dated April 3, 2024, is included in the meeting packet for Commission approval with the standard conditions of escrow reconciliation and an approved operation and maintenance plan with three stipulations. Motion by Guenthner, second by Walraven to approve Staff's recommendations with the added condition that a chloride management plan also be put in place. *Motion carried unanimously.*

D. 2024-008 Rogers High School Stadium, Rogers.* The site is located on Rogers High School property in the northeast corner of the James Road and 141st Avenue North intersection. The proposed project includes a new concessions building, ticketing building, shot-put throwing areas, and trails on a 3.54-acre site. The project triggers Rules D and E. A finding of facts memo dated April 3, 2024, is included in the meeting packet recommending approval with the standard escrow reconciliation condition. Motion by Guenthner, second by Walraven to approve Staff's recommendation. *Motion carried unanimously.*

V. WATER MONITORING.

A. Motion by Guenthner, second by Walraven to approve the October 1, 2023-September 30, 2025, **Stream Monitoring Agreement with the United States Geological Survey (USGS).*** The agreement calls for cost-sharing between the parties of \$40,000 (USGS) and \$46,700 (Commission). This amount exceeds the Commission's budgeted amount for 2024 and Staff recommend that an adjustment be made to the 2025 budget to reflect the disparity. Motion by Guenthner, second by Walraven to approve the agreement. *Motion carried unanimously.*

B. Motion by Walraven, second by Guenthner to approve the **2024 CAMP Agreement*** between the Commission and Metropolitan Council. *Motion carried unanimously.* The agreement is in the amount of \$760 for biweekly monitoring of Teal Lake.

VI. OLD BUSINESS.

VII. NEW BUSINESS.

A. Preliminary 2024 CIP.* Included in the meeting packet is Staff's April 4, 2024, memo* showing a preliminary CIP reflecting comments received to date. The CIP shows projects expected to be levied in either 2024 or 2025 as well as those levied in 2023. Planned projects where the completion date is currently unknown or not scheduled are shown as "future."

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The City of Dayton has submitted two projects to add to the CIP for 2025: a Diamond Lake drawdown/alum treatment and a French Lake drawdown/alum treatment. Both of these projects were recommendations in the Diamond Creek Subwatershed Assessment and some preliminary conceptual design work has already been completed. The associated Exhibit A's* are included in the meeting packet.

The City of Maple Grove requests that the Rush Creek Hollow Stream Restoration project cost be increased from \$1 million to \$1.6 million. This project was originally submitted at \$1.6 million but was reduced to \$1 million at the time the CIP was revised in 2023. An updated Exhibit A* for that project is also attached.

Both the Dayton and Maple Grove CIP revisions require a Minor Plan Amendment (MPA). The MPA process includes notifying the member cities, county, and review agencies of the proposed amendment, and considering the requests and any comments received at a *public meeting*.

It was recommended by the members of the Technical Advisory Committee (TAC) that the Commission proceed with the MPA process and set time within the next regular meeting, May 8, 2024, for that public meeting. Motion by Guenther, second by Walraven to proceed with the MPA process as recommended by the TAC. *Motion carried unanimously.*

B. Draft South Fork Rush Creek SWA.* Last April, the Commission authorized development of a subwatershed assessment for the South Fork Rush Creek drainage area. This study was funded \$59,716 from Watershed-Based Implementation Funding (WBIF), \$4,976 from Commission funds, and \$1,659 from the benefitting cities. A draft of the SWA report* is being presented at both today's TAC and Commission meetings for review and comment.

A core team of technical staff from the Commission, Hennepin County, and the cities of Corcoran, Maple Grove, and Medina met to review existing conditions and potential Best Management Practices (BMPs) in this mainly agricultural and rural residential area. With their input, Staff narrowed the BMPs down to those that are most technically feasible and ranked the various types of practices based on their cost effectiveness at reducing nutrient and sediment pollution. Staff also identified properties that may have older individual septic sewer systems in proximity to ditches and streams, and fields that are likely tile-drained, which may be at a higher risk of delivering nutrients and sediment to receiving waters.

A draft copy of the report, including tables and figures detailing this information, is available on the Commission's website. For ease of use, all of this data is also available in an online [interactive map](#). The map layer labeled "Prioritized BMPs" shows the top five most cost-effective practices by type, while "Potential BMPs identified" shows those that were determined after ground truthing to be technically feasible but not necessarily the highest priority. Those could be considered "opportunistic" BMPs that might make sense to do in conjunction with other work. There are various other map layers showing data considered in the analysis and other helpful information such as future MUSA boundaries.

Tom Beneke from Stantec led the discussion at the TAC meeting where members focused on identifying and prioritizing potential projects and then further prioritizing them by

feasibility and availability of funding. It was also suggested that an executive summary of the study be created for presentation to the appropriate City Councils that includes information about how the data will be used and next steps. This discussion will continue at the May 8, 2024, TAC meeting.

C. 2023 Annual Activity Report.* Motion by Sharp, second by Walraven to accept the 2023 report pending review and comment received by Friday, April 19, 2024. *Motion carried unanimously.*

VIII. EDUCATION AND PUBLIC OUTREACH.*

A. Grace Barcelow, the shared Education and Outreach Coordinator with Hennepin County, provided an update* on work completed since the March WMWA meeting as well as what activities are on tap for April and May. It is her intent to continue to provide these monthly updates and she welcomes questions and input. Grace.barcelow@hennepin.us.

B. Watershed PREP. Jessica Sahu Teli, the WMWA educator, has accepted a full-time position at East Metro Water Resource Education Program (EMWREP). WMWA is in the process of advertising for her replacement.

C. West Metro Water Alliance (WMWA) will meet via Zoom at 8:30 a.m., May 14, 2024.

IX. GRANT OPPORTUNITIES.

The Board of Water and Soil Resources (BWSR) biennially appropriates funding for a program called **Watershed-Based Implementation Funding (WBIF)**. WBIF funding is allocated to targeted watersheds to be distributed according to guidelines agreed upon by the eligible entities in the allocation area (“the Partnership”). The Elm Creek allocation for fiscal year 2024-2025 is **\$373,590**, which will become available July 1, 2024. A minimum 10% match is required. The first Convene meeting is scheduled for Monday, April 15, 2024, at 10:00, via Zoom.

X. COMMUNICATIONS.

A. Staff Report.* Staff reports provide updates on the development projects currently under review by Staff. The projects listed in the table on page 5 of these minutes are discussed in the April 3, 2024, report.

B. Hennepin County Staff Report.*

1. Christian Settling Basin, Dayton. Permit applications for construction of the settling basin have been submitted to the City of Dayton and the Army Corps of Engineers. The County is currently awaiting feedback. Once permits are secured, plans for the project will be finalized and construction on the project will be scheduled.

2. Bottema Wetland Restoration, Corcoran. The design team, landowner, and preferred contractor conducted a site visit on March 18 to view work completed to date and discuss necessary fixes to address erosion that occurred after the historic (75-year, 7-day recurrence rain event) rainfall Corcoran received last fall. The design team, consisting of county staff and two engineers at Houston Engineering, are working through solutions to better stabilize

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slopes and wetland outlet structures. New designs are expected to be completed in the next month or so and city and watershed staff should expect permitting discussions to occur later this spring. Work is likely to occur this summer.

3. Van Asten Cover Crops, Dayton. Hennepin County staff met with NRCS staff to get approval on a warm season cover cropping plan for this farm which will eventually be planted with perennial pasture. Plan includes a diverse seed mix that will help reduce compaction, enhance soil health, and provide forage for livestock and horses. Using Hennepin County Soil Health Incentive Program funds, the mix will be planted in late Spring/Early summer. The landowner also met with NRCS staff to discuss EQIP funding for prescribed grazing, pasture planting, fencing, and other grazing infrastructure. This is being taken into consideration as a farm plan is being developed for the site.

4. The **Project Funding Table** has been updated to reflect activity that occurred last month.

5. The last two pages of the report describe other **County programming:** Mighty Mississippi Cleanup Challenge; Earth Day activities; Environmental Response Fund grants; and building material donation collection at city cleanup events.

XI. OTHER BUSINESS.

XII. ADJOURNMENT. There being no further business, the meeting was adjourned at 1:05 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary

JAA:tim

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Project No.	Project Name	Project No.	Project Name
2014-015	Rogers Drive Extension.	2023-001	Chankahda Trail Reconstruction Phase 2, Plymouth.
2016-005W	Ravinia Wetland Bank Plan, Corcoran.	2023-009	Magnifi Financial, Maple Grove.
2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.	2023-010	Rogers New Fire Station.
2018-046	Graco, Rogers.	2023-011	Sundance Greens 9th, Dayton.
2020-009	Stetler Barn, Medina.	2023-013	River Valley Church, Maple Grove.
2020-017	Meadow View Townhomes, Medina.	2023-015	South Fork Rush Creek Evanswood, Maple Grove.
2020-033	Weston Woods, Medina.	2023-016	Rogers South Community Park.
2021-020	Crew Carwash, Maple Grove.	2023-020	Dunkirk Square, Maple Grove.
2021-029	Tri-Care Grocery / Retail, Maple Grove.	2023-022	Shores of Sylvan Lake, Rogers.
2021-034	BAPS Hindu Temple, Medina.	2023-023	NORSQ, Maple Grove.
2021-052	Norbella Senior Living, Rogers.	2023-025	Rogers Mixed Use Improvement.
2022-006	Hamel Townhomes, Medina.	2023-028	Rush Creek Hollow, Maple Grove.
2022-011	Arrowhead Drive Turn Lane Expansion, Medina.	2023-029	Dayton Field 4th Addition.
2022-016	Rogers Activity Center.	2023-030	Woodland Hill of Corcoran.

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elm creek Watershed Management Commission

Regular Meeting Minutes | April 10, 2024

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2022-017	City Center Drive, Corcoran.		
2022-018	Big Woods, Rogers.		
2022-020	Skye Meadows Extension, Rogers.	2024-001	Saddle Ridge, Rogers.
2022-022	Cook Lake Highlands, Corcoran.	2024-002	The Meadows Park, Plymouth.
2022-028	Elsie Stephens Park, Dayton.	2024-003	Rogers Apartments.
2022-040	Karinieimi Meadows, Corcoran.	2024-004	Dayton River Road Turn Lane Improvements.
2022-043	Meander Park and Boardwalk, Medina.	2024-005	Rush Hollow North, Maple Grove.
		2024-006	
		2024-007	Eagle Brook Church, Plymouth
		2024-008	Rogers High School Stadium, Rogers.

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Elm Creek Watershed Management Commission Treasurer's Report

	2024 Budget	April 2024	May 2024	2024 Budget YTD
EXPENSES				
GENERAL OPERATIONS				
Administrative Support	100,000.00	14,314.33	10,472.93	46,709.91
Grant Writing	3,000.00			0.00
Website	2,000.00	56.25	93.75	330.50
Legal Services	2,000.00			0.00
Audit	7,000.00			0.00
Insurance	4,000.00	344.00		344.00
Meeting Expense	4,800.00		183.92	4,416.78
Subtotal General Operations	122,800.00	14,714.58	10,750.60	51,801.19
TECHNICAL SUPPORT				
Technical Support - HCEE	22,000.00		5,355.13	5,355.13
Technical - Other General	75,000.00	4,347.25	4,321.00	20,821.25
Subtotal Technical Support	97,000.00	4,347.25	9,676.13	26,176.38
PROJECT REVIEWS				
Technical - Project Review	184,000.00	13,571.00	12,304.00	43,111.50
Project Review - Admin Support	21,250.00	572.75	977.04	5,934.57
Subtotal Project Reviews	205,250.00	14,143.75	13,281.04	49,046.07
EDUCATION				
Education	2,000.00	29.74		356.94
<i>West Metro Water Alliance</i>				
WMWA General Activities	5,000.00			3,000.00
Watershed Prep	4,500.00			4,000.00
Special Projects	2,000.00			4,000.00
Subtotal Education	13,500.00	29.74	0.00	11,356.94
WATERSHED MANAGEMENT PLAN				
Plan Amendment	2,000.00			0.00
4th Gen Plan Expense		140.50	342.50	483.00
Contribution to 4th Gen Plan	12,500.00			0.00
Subtotal Management Plan	14,500.00	140.50	342.50	483.00
WATER MONITORING PROGRAMS				
<i>Stream Monitoring</i>				
Stream Monitoring USGS	12,500.00			0.00
Stream Monitoring TRPD	10,020.00			0.00
Biological Monitoring	0.00			0.00
DO Longitudinal Survey	2,400.00			0.00
Partnership Biomonitoring (Comm share)	0.00			0.00
Rain Gauge	480.00	33.47	32.60	134.07
<i>Lake Monitoring</i>				
Lakes Monitoring - CAMP	840.00			0.00
TRPD Monitoring - Sentinel Lakes/Addn'l Lake	10,412.00			0.00
Aquatic Vegetation Surveys	1,365.00			0.00
<i>Other Water Monitoring</i>				
Macroinvertebrate Monitoring-River Watch	3,000.00			0.00
Wetland Monitoring - WHEP	0.00			0.00
Subtotal Monitoring	41,017.00	33.47	32.60	134.07
TOTAL GENERAL OPERATING EXPENSES	494,067.00	33,409.29	34,082.87	138,997.65

Elm Creek Watershed Management Commission Treasurer's Report

	2024 Budget	April 2024	May 2024	2024 Budget YTD
<u>REVENUES</u>				
GENERAL OPERATIONS				
Member Dues	250,000.00			250,000.00
Interest/Dividends Earned	10,000.00	8,460.90		35,599.09
Water Monitoring - TRPD Co-op Agmt	6,500.00			0.00
Subtotal General Operating Revenue	266,500.00	8,460.90	0.00	285,599.09
PROJECT REVIEW FEES				
Project Review Fee	184,000.00	26,000.00		68,000.00
Project Review Base Fee		1,500.00		3,500.00
Nonrefundable Admin	21,250.00	1,300.00		3,400.00
Nonrefundable Technical	27,600.00	2,080.00		5,440.00
Subtotal Project Review Revenue	232,850.00	30,880.00	0.00	80,340.00
TOTAL GENERAL OPERATING REVENUE	499,350.00	39,340.90	0.00	365,939.09
OPERATING SURPLUS OR (DEFICIT)	5,283.00			226,941.44
<u>EXPENSES</u>				
GRANTS AND CAPITAL PROJECTS				
<i>Studies / Project ID / SWA</i>				
S Fork Rush Creek SWA (23 WBIF)	66,351.00	13,894.25	2,720.00	16,614.25
N Fork Rush Creek Feasibility (23 WBIF)	37,550.00	243.75		243.75
TMDL 10 Year Review (Studies)	49,468.00		98.00	452.00
<i>Grants</i>				
Rush Creek SWA Implementation (23 WBIF)	175,000.00			0.00
<i>Capital Projects</i>				
CIPs General	3,000.00	301.50		409.16
<i>Transfer from Encumbered Funds</i>				
Transfer from Capital Projects	291,638.00	427,975.12		427,975.12
Transfer from Cash Sureties		55.90	7,403.53	7,478.18
Transfer from Grants	125,000.00			0.00
From Fund Balance				0.00
TOTAL GRANTS AND CAPITAL PROJECTS EXPENSE		442,470.52	10,221.53	453,172.46
<u>REVENUE</u>				
GRANTS AND CAPITAL PROJECTS				
<i>Transfer to (from) Capital Projects</i>				
				0.00
<i>Transfer to (from) Cash Sureties</i>				
				0.00
<i>Transfer to (from) Grants</i>				
				0.00
<i>Transfer from Assigned Fund Balance</i>				
				0.00
<i>Misc Income / Contingency</i>				
				0.00
<i>From Unrestricted Cash Reserves</i>				
				0.00
TOTAL GRANTS AND CAPITAL PROJECTS REVENUE		0.00	0.00	0.00

Elm Creek Watershed Management Commission Treasurer's Report

Claims Presented	General Ledger Account No		May 2024	TOTAL
Connexus - Rain Gauge	551100		32.60	32.60
Barr Engineering				7,390.78
Ravinia Wetland Mitigation	240201		7,390.78	
Hennepin County Treasurer				5,355.13
HCEE Technical-Public Inquiries & Conservation Pr	578200		5,355.13	
Stantec				19,785.50
Technical - Project Review	578050		9,070.50	
Technical - Project Pre-reviews and Inquiries	578060		1,519.00	
Technical - Project Meetings	578070		1,714.50	
Technical - Other General Engineering	577000		4,321.00	
TMDL 10 Year Review	580900		98.00	
South Fork Rush Creek SWA (23 WBIF)	584006		2,720.00	
4th Gen Plan - Technical	542620		342.50	
JASS				11,740.39
Administration	511000		8,123.78	
TAC Support	511000		641.52	
Annual Reporting/Work Plan	511000		1,707.63	
Meeting Expense (meal)	520000		183.92	
Website	581000		93.75	
Project Review Admin Support	578100		233.04	
Project Reviews - Project Specific Admin	578100		744.00	
WCA Monitoring Reimbursable - Ravinia	240201		12.75	
TOTAL CLAIMS				44,304.40



Account Number:
481113-238425

ELM CREEK WATERSHED MGMT ORG

Monthly Statement

Service Address
ELM CREEK RD
DAYTON MN

Total Amount Due	Due Date
\$32.60	May 13, 2024

Billing Summary

Billing Date: Apr 17, 2024

Previous Balance	\$33.47
Payments - Thank You!	\$33.47
Balance Forward	\$0.00
New Charges	\$32.60
Total Amount Due	\$32.60

Payment must be received on or before May 13, 2024

Message Center

2024 Rebates Available

Looking for ways to control your costs and be more efficient. Adding high-efficiency improvements and technology can result in overall better business practices that can reduce expenses while growing your business. Connexus offers many rebates on items you may already be thinking about. Learn more at connexusenergy.com.

Energy Comparison

Previous Months' Usage Current Month's Usage



How to contact us

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

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

TRA3-D-006784/005873 VG3PM9 S1-ET-M1-C00002 1



Account Number: 481113-238425
Total Amount Due \$32.60
 Payment Due By May 13, 2024

006784 1 AB 0.544 002786/006784/005873 023 02 VG3PM9
 ELM CREEK WATERSHED MGMT ORG
 3235 FERNBROOK LN N
 PLYMOUTH MN 55447-5325



Connexus Energy
 PO Box 1808
 Minneapolis, MN 55480-1808

00003260 0004811130238425 000000 00000 000000000000 0000006



Hennepin County
Public Works

Department of Environment and Energy
701 Fourth Avenue South, Suite 700
Minneapolis, Minnesota 55415-1842

612-348-3777, Phone
612-348-8532, Fax
hennepin.us/environment

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

Invoice

Date
4/30/24

Contract
A2412230

Description	Total Amount Due
2024 Invoice 1 (January 1 – March 31) Tasks 1 & 2: Administrative Task; Conservation Promotion & Technical Assistance <ul style="list-style-type: none"> • Hours: 148 • Value: \$10,710.26 <ul style="list-style-type: none"> ○ 50%: \$5,355.13 ○ Amount due: \$5,355.13 • Tasks 1&2 NTE: \$22,000 • Task 1&2 Remaining: \$16,644.87 	\$5,355.13
AMOUNT DUE	\$5,355.13

Make check payable to: Hennepin County Treasurer

Invoice (please include as reference on payments): 1000209975

Remit to: Hennepin County Accounts Receivable
300 South 6th Street
Mail Code 129
Minneapolis, MN 55487

Direct questions to: Karen Galles 612-235-0712



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

Remittance address:
Lockbox 446104
PO Box 64825
St Paul, MN 55164-0825

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

April 30, 2024
 Invoice No: 23270F55.05 - 25

Total this Invoice	\$7,390.78
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Regarding: Elm Creek Wetland Mitigation Monitoring

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

Task 005 - 2021 Monitoring and Report

- Removing loggers for 2021 season
- Managing data
- Preparing the monitoring report
- Attending WMC meeting to answer questions about the status of the wetland mitigation

Professional Services for Period Ending April 19, 2024

Job:	001	Ravinia Wetland Mitigation
Task:	005	2021 Monitoring and Report

Labor Charges

	Hours	Rate	Amount
Vice President			
Waln, Joseph	1.20	195.00	234.00
Engineer / Scientist / Specialist III			
Wold, Karen	8.80	155.00	1,364.00
Engineer / Scientist / Specialist II			
Burgner, Brian	43.50	120.00	5,220.00
Engineer / Scientist / Specialist I			
Evenocheck, Elizabeth	5.00	110.00	550.00
	58.50		7,368.00
Subtotal Labor			7,368.00

Expense Charges

Travel			
4/10/2024	Wold, Karen	Mileage	22.78
	Subtotal Expenses		22.78

Task Subtotal **\$7,390.78**

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

Job Subtotal **\$7,390.78**

Total this Invoice **\$7,390.78**

	Current	Prior	Total	Received	A/R Balance
Invoiced to Date	7,390.78	22,607.25	29,998.03	22,607.25	7,390.78

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.



INVOICE

Invoice Number 2212821
Invoice Date March 27, 2024
Purchase Order -
Customer Number 167501
Project Number 227706741

Bill To

Elm Creek Watershed Management Commission
 Accounts Payable
 3235 Fembrook Lane
 Plymouth MN 55447
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States

Project	Elm Creek TMDL 10 Year Review		
Project Manager	Spector, Diane F	Contract Upset	27,094.00
Current Invoice Total (USD)	98.00	Amount Billed to Date	452.00
		For Period Ending	March 22, 2024

Top Task	100	Data Collection			
<u>Professional Services</u>					
Category/Employee			Current Hours	Rate	Current Amount
		Megow, Erik Robert	0.50	196.00	98.00
		Subtotal Professional Services	<u>0.50</u>		<u>98.00</u>
Top Task Subtotal	Data Collection				98.00
		Total Fees & Disbursements			<u>98.00</u>
		INVOICE TOTAL (USD)			98.00

Net Due in 30 Days or in accordance with terms of the contract



INVOICE

Invoice Number 2212823
Invoice Date March 27, 2024
Purchase Order --
Customer Number 167501
Project Number 227706841

Bill To

Elm Creek Watershed Management Commission
 Accounts Payable
 3235 Fernbrook Lane
 Plymouth MN 55447
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States

Project	Elm Creek 4th Gen Watershed Management Plan		
Project Manager	Spector, Diane F	Contract Upset	49,744.00
Current Invoice Total (USD)	240.00	Amount Billed to Date	240.00
		For Period Ending	March 22, 2024

Top Task	100	Meetings and Public Input		
<u>Professional Services</u>				
Category/Employee		Current Hours	Rate	Current Amount
	Spector, Diane F	1.00	205.00	205.00
	Subtotal Professional Services	<u>1.00</u>		<u>205.00</u>
Top Task Subtotal	Meetings and Public Input			205.00

Top Task	200	Prepare Draft Plan		
<u>Professional Services</u>				
Category/Employee		Current Hours	Rate	Current Amount
	Campbell, Patricia A (Patty)	0.25	140.00	35.00
	Subtotal Professional Services	<u>0.25</u>		<u>35.00</u>
Top Task Subtotal	Prepare Draft Plan			35.00

	Total Fees & Disbursements	<u>240.00</u>
	INVOICE TOTAL (USD)	240.00

Net Due in 30 Days or in accordance with terms of the contract



INVOICE

Invoice Number 2224891
Invoice Date April 26, 2024
Purchase Order -
Customer Number 167501
Project Number 227706841

Bill To

Elm Creek Watershed Management Commission
 Accounts Payable
 3235 Fernbrook Lane
 Plymouth MN 55447
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States

Project	Elm Creek 4th Gen Watershed Management Plan		
Project Manager	Spector, Diane F	Contract Upset	49,744.00
Current Invoice Total (USD)	102.50	Amount Billed to Date	342.50
		For Period Ending	April 19, 2024

Top Task	100	Meetings and Public Input			
<u>Professional Services</u>					
Category/Employee		Current Hours	Rate	Current Amount	
		Spector, Diane F	0.50	205.00	102.50
		Subtotal Professional Services	<u>0.50</u>		<u>102.50</u>
Top Task Subtotal	Meetings and Public Input				102.50
		Total Fees & Disbursements			<u>102.50</u>
		INVOICE TOTAL (USD)			102.50

Net Due in 30 Days or in accordance with terms of the contract

Invoice Number	2226579
Invoice Date	May 1, 2024
Purchase Order	---
Customer Number	167501
Project Number	227706626

Bill To

Elm Creek Watershed Management Commission
 Accounts Payable
 3235 Fernbrook Lane
 Plymouth MN 55447
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States

Project	Elm Creek 2024 Technical Services		
Project Manager	Megow, Erik Robert	Contract Upset	259,000.00
Current Invoice Total (USD)	16,625.00	Amount Billed to Date	63,932.75
		For Period Ending	April 19, 2024

Top Task	100	General Services
Low Task	100	General Services

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Setnor, Lisa Marie	0.50	149.00	74.50
	Megow, Erik Robert	6.50	196.00	1,274.00
	Spector, Diane F	14.50	205.00	2,972.50
	Subtotal Professional Services	<u>21.50</u>		<u>4,321.00</u>

Low Task Subtotal	General Services	4,321.00
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Top Task Subtotal	General Services	4,321.00
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Top Task	200	Project Reviews
Low Task	200.2024.003	Rogers Townhomes, Rogers

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	2.00	196.00	392.00
	Subtotal Professional Services	<u>2.00</u>		<u>392.00</u>

Low Task Subtotal	Rogers Townhomes, Rogers	392.00
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Low Task	200.2024.005	Rush Hollow North, Maple Grove
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Fesenmaier, Mark Gregory	3.00	140.00	420.00
	Megow, Erik Robert	2.50	196.00	490.00
	Subtotal Professional Services	<u>5.50</u>		<u>910.00</u>

Invoice Number	2226579
Invoice Date	May 1, 2024
Purchase Order	--
Customer Number	167501
Project Number	227706626

Low Task Subtotal **Rush Hollow North, Maple Grove** 910.00

Low Task 200.2024.007 **Eagle Brook Church, Plymouth**

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Abrahams, Mark B	13.00	169.00	2,197.00
Megow, Erik Robert	8.00	196.00	1,568.00
Subtotal Professional Services	<u>21.00</u>		<u>3,765.00</u>

Low Task Subtotal **Eagle Brook Church, Plymouth** 3,765.00

Low Task 200.2024.008 **Rogers HS Stadium Improvements**

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Truong, Kaitlen Nguyen (Kaitlin)	1.50	149.00	223.50
Megow, Erik Robert	4.00	196.00	784.00
Subtotal Professional Services	<u>5.50</u>		<u>1,007.50</u>

Low Task Subtotal **Rogers HS Stadium Improvements** 1,007.50

Low Task 200.2024.009 **Heritage Christian Academy**

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Fesenmaier, Mark Gregory	13.00	140.00	1,820.00
Megow, Erik Robert	6.00	196.00	1,176.00
Subtotal Professional Services	<u>19.00</u>		<u>2,996.00</u>

Low Task Subtotal **Heritage Christian Academy** 2,996.00

Low Task 200.2024.100 **Pre-reviews & Inquiries**

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Megow, Erik Robert	7.75	196.00	1,519.00
Subtotal Professional Services	<u>7.75</u>		<u>1,519.00</u>

Low Task Subtotal **Pre-reviews & Inquiries** 1,519.00

Low Task 200.2024.200 **Meetings**

Invoice Number	2226579
Invoice Date	May 1, 2024
Purchase Order	—
Customer Number	167501
Project Number	227706626

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Beneke, Thomas S (Tom)	2.50	169.00	422.50
Megow, Erik Robert	4.50	196.00	882.00
Spector, Diane F	2.00	205.00	410.00
Subtotal Professional Services	9.00		1,714.50
Low Task Subtotal	Meetings		1,714.50
Top Task Subtotal	Project Reviews		12,304.00
	Total Fees & Disbursements		16,625.00
	INVOICE TOTAL (USD)		16,625.00

Net Due in 30 Days or in accordance with terms of the contract



INVOICE

Invoice Number 2226577
Invoice Date May 1, 2024
Purchase Order --
Customer Number 167501
Project Number 227705925

Bill To

Elm Creek Watershed Management Commission
 Accounts Payable
 3235 Fernbrook Lane
 Plymouth MN 55447
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States

Project	South Fork Rush Creek Subwatershed Assessment		
Project Manager	Megow, Erik Robert	Contract Upset	66,351.00
Current Invoice Total (USD)	2,720.00	Amount Billed to Date	63,177.75
		For Period Ending	April 19, 2024

Top Task	100	SFRC SWA				
<u>Professional Services</u>						
Category/Employee			Current Hours	Rate	Current Amount	
			Hyams, Aaron Robert	5.50	140.00	770.00
			Setnor, Lisa Marie	0.50	149.00	74.50
			Beneke, Thomas S (Tom)	2.00	169.00	338.00
			Spector, Diane F	7.50	205.00	1,537.50
			Subtotal Professional Services	<u>15.50</u>		<u>2,720.00</u>
Top Task Subtotal	SFRC SWA					2,720.00
			Total Fees & Disbursements			<u>2,720.00</u>
			INVOICE TOTAL (USD)			2,720.00

Net Due in 30 Days or in accordance with terms of the contract



3235 Fernbrook Lane
Plymouth MN 55447

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

2-May-24

				Total by Project Area
Administrative	49.190	75.00	3,689.25	
Admin - Bookkeeping	11.500	75.00	862.50	
Admin - offsite	2.330	80.00	186.40	
Handbook		75.00	0.00	
Office Support	12.00	200.00	2,400.00	
Bookkeeping Subscription	1.00	60.00	60.00	
Storage Unit - .47	1.00	183.77	183.77	
Data Processing/File Mgmt		75.00	0.00	
Drop Box Subscription	1.00	120.00	120.00	
Archiving		70.00	0.00	
Reimbursables	621.86	1.00	621.86	8,123.780
Meals	183.920	1.00	183.92	183.920
Administrative - TAC Support	5.03	75.00	377.25	
Admin - TAC support	2.00	80.00	160.00	
TAC support - reimbursables	104.27	1.00	104.27	641.520
Website - reimbursables		1.00	0.00	
Website	1.25	75.00	93.75	
Web Domain, hosting		1.00	0.00	
Website - Zoom		1.00	0.00	93.750
Annual Reporting	20.99	75.00	1,574.25	
Work Plans		75.00	0.00	
Annual Reporting/Work Plans - reimbursables	133.38	1.00	133.38	1,707.630
Project Reviews - Secre		70.00	0.00	
Project Reviews - Admin -	2.67	75.00	200.25	
Project Reviews - Admin Project Specific	9.92	75.00	744.00	744.00
Project Reviews - Admin offsite		80.00	0.00	
Project Reviews - Admin - File Mgmt		75.00	0.00	
Project Reviews - reimbursables	32.79	1.00	32.79	233.040
WCA - Secretarial - reimbursable		70.00	0.00	
WCA - Admin - reimbursable -	0.17	75.00	12.75	
WCA - reimbursable		1.00	0.00	12.750
				11,740.390

To: Elm Creek WMO Commissioners
Elm Creek TAC

From: Erik Megow, PE
Diane Spector

Date: May 2, 2024

Subject: Proposed Minor Plan Amendment

**Recommended TAC/
Commission Action**

TAC: Review proposed Minor Plan Amendment and make a recommendation to the Commission.

Commission: Consider a Minor Plan Amendment to add projects to the CIP.

The Elm Creek Watershed Management Commission on April 10, 2024 initiated a Minor Plan Amendment to the Third Generation Watershed Management Plan. This revision adds two projects to the CIP and revises the cost of one existing project. This proposed revision is set forth in the attached Notice of Minor Plan Amendment. The full CIP encompassing the proposed revisions as well as other housekeeping revisions proposed by the cities is attached for information.

The purpose of the May 8, 2024 meeting is to discuss the proposed minor plan amendment and any comments received prior to or at a public meeting. (Note this is not a formal public hearing.) After that discussion, the Commission may consider a resolution adopting the Minor Plan Amendment contingent on County Board approval of the CIP portion of Minor Plan Amendment, which will be heard at a County Board hearing in June-August 2024. As of this date, no comments have been received.

Requested Revisions

The City of Dayton has submitted two projects to add to the CIP for 2025: a Diamond Lake drawdown/alum treatment and a French Lake drawdown. Both these projects were recommendations in the Diamond Creek Subwatershed Assessment, and some preliminary design work has been completed. The Exhibit A's are attached.

The City of Maple Grove requests that the Rush Creek Hollow Stream Restoration project cost be increased from \$1 million to \$1.6 million. Note that it was originally submitted at \$1.6 million but was reduced to \$1 million at the time the CIP was revised in 2023.

**Notice of Minor Plan Amendment
Elm Creek Watershed Management Commission**

The Elm Creek Watershed Management Commission proposes to amend its *Third Generation Watershed Management Plan* to adopt revisions to Table 4.5 of that document - the Capital Improvement Program (CIP) – to add two projects and update the estimate cost of another, and to revise Appendix G, to add a description of the added projects.

The proposed minor plan revision is shown as additions (underlined) or deletions (~~strike outs~~).

Table 4.5. Elm Creek WMC Third Generation Plan Capital Improvement Program is hereby revised as follows:

Description	Location	Priority	Project Cost	Partners	Funding Source(s)	Commission Share	Commission Share
						2024	2025
Rush Creek Stream Restoration-Rush Hollow	Maple Grove	H	\$1,000,000 <u>\$1,600,000</u>	Maple Grove	City, levy	\$250,000 <u>\$400,000</u>	
<u>Diamond Lake Drawdown/Alum</u>	<u>Dayton</u>	<u>H</u>	<u>\$1,104,670</u>	<u>Dayton</u>	<u>City, levy</u>		<u>\$276,170</u>
<u>French Lake Drawdown</u>	<u>Dayton</u>	<u>H</u>	<u>240,700</u>	<u>Dayton</u>	<u>City, levy</u>		<u>\$60,175</u>

Appendix G, CIP Descriptions is hereby revised as follows:

Diamond Lake Drawdown and Alum Treatment. Whole lake drawdown followed by alum treatment and aquatic vegetation management in Diamond Lake to consolidate sediments, reduce nutrient release from sediments, and control invasive curly-leaf pondweed.

French Lake Drawdown. Whole lake drawdown to consolidate sediments, reduce nutrient release from sediments, and control invasive curly-leaf pondweed and reduce the export of nutrients from the lake into Diamond Creek.

Table 2. Elm Creek Third Generation Plan CIP as of May 2024.

CAPITAL IMPROVEMENT PROGRAM	Location	2023	2024	2025	Future	Comment
Cost Share Program	Varies	200,000	200,000	200,000	200,000	
Commission Contribution		100,000	100,000	100,000	100,000	
Local Contribution		100,000	100,000	100,000	100,000	
Partnership Cost-Share BMP Projects	Varies	50,000	50,000	50,000	50,000	
Commission Contribution		50,000	50,000	50,000	50,000	
S Fork Rush Creek Restoration	Maple Grove	3,250,000				
Commission Contribution		406,250				Levied in 2023
Local Contribution		2,437,500				
CSAH 12/Dayton River Rd Ravine Stab	Dayton	1,329,400				
Commission Contribution		110,000				Levied in 2023
Local Contribution		1,219,400				
Downtown Pond Exp & Reuse	Rogers	406,000				Levied in 2023
Commission Contribution		101,500				
Local Contribution		304,500				
Rush Creek Resto- Rush Hollow	Maple Grove		1,000,000 600,000			Added by MPA in 2023
Commission Contribution			250,000 400,000			Proposed project cost increase in 2024
Local Contribution			750,000 1,200,000			
Fox Cr, South Pointe	Rogers		90,000			
Commission Contribution			22,500			Should be submitted to cost share
Local Contribution			67,500			
<u>Diamond Lake Drawdown/Alum</u>	<u>Dayton</u>			<u>1,104,670</u>		Requested by Dayton 3/29/24
<u>Commission Contribution</u>				<u>276,170</u>		
<u>Local Contribution</u>				<u>828,500</u>		
<u>French Lake Drawdown/Alum</u>	<u>Dayton</u>			<u>240,700</u>		Requested by Dayton 3/29/24
<u>Commission Contribution</u>				<u>60,175</u>		
<u>Local Contribution</u>				<u>180,525</u>		

CAPITAL IMPROVEMENT PROGRAM	Location	2023	2024	2025	Future	Comment
The Meadows Playfield	Plymouth				5,300,000	Moved by city request from 2024
Commission Contribution					250,000	To Future per Ben S 4/1/24
Local Contribution					5,050,000	
Brockton Ln WQ Improv	Plymouth				150,000	Moved by city request from 2024
Commission Contribution					37,500	To Future at 3/13/24 TAC meeting
Local Contribution					112,500	
Recon Bridge at Cartway and Elm Cr	Champlin				2,160,000 950,000	Moved by city request from 2024
Commission Contribution					250,000 237,500	To 2026 per H Nelson 4/1/24
Local Contribution					1,910,000 712,500	Updated cost at 4/10 mtg
Eastman Ctr Oxbow Tr Rush Ck Stabil	Maple Grove			100,000		Moved by city request from 2024
Commission Contribution				25,000		To 2025 at 3/13/24 TAC meeting
Local Contribution				75,000		
Ranchview Wetland Restoration	Maple Grove				2,500,000	
Commission Contribution					250,000	
Local Contribution					2,250,000	
Goose Lake Rd Area Infiltr Improv	Champlin				200,000	
Commission Contribution					50,000	
Local Contribution					150,000	
Mill Pond BMPs WQ Project Area	Champlin				200,000	Removed by H Nelson at 4/10 mtg
— Commission Contribution	-				50,000	
— Local Contribution	-				150,000	
Lemans Lake Water Quality Improv	Champlin				100,000	
Commission Contribution					25,000	
Local Contribution					75,000	
TOTAL PROJECT COST		5,235,400	1,940,000	1,695,370	10,860,000	
TOTAL COMMISSION SHARE		767,750	572,500	511,345	1,062,500	
TOTAL CITY SHARE		4,061,400	1,367,500	1,184,025	9,797,500	

**ELM CREEK WATERSHED MANAGEMENT COMMISSION
STATE OF MINNESOTA**

**RESOLUTION NO. 2024-01
ADOPTING A MINOR AMENDMENT TO THE THIRD GENERATION PLAN**

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

WHEREAS, the Commission has proposed a Minor Plan Amendment that would change the cost of one project and add two projects to Table 4.5 of the Capital Improvement Program (CIP) of the Plan and would adopt revisions to Appendix C Rules and Standards of the Plan; and

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

WHEREAS, on May 8, 2024, after written notice duly given, the Commission held a public informational meeting to explain the proposed revisions; and

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

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

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

Adopted by the Board of Commissioners of the Elm Creek Watershed Management Commission this eighth day of May, 2024.

Doug Baines, Chair

ATTEST:

Judie A. Anderson, Recording Secretary

STATE OF MINNESOTA
COUNTY OF HENNEPIN

I, Judie A. Anderson, do hereby certify that I am the custodian of the minutes of all proceedings had and held by the Board of the Elm Creek Watershed Management Commission, that I have compared the above resolution with the original passed and adopted by the Board of said Commission at a regular meeting thereof held on the eighth day of May, 2024, at 11:30 a.m., that the above constitutes a true and correct copy thereof, that the same has not been amended or rescinded and is in full force and effect.

IN WITNESS WHEREOF, I have hereunto placed my hand and signature this eighth day of May, 2024.

_____ (NO SEAL)
Judie A. Anderson
Recording Secretary

elm creek Watershed Management Commission

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

Heritage Christian Academy #2024-009

Project Overview:

Location: The site is located in Maple Grove, MN, west of the Bass Lake Road and Vicksburg Ln N intersection and east of Nottingham Pkwy N. The address to the site is 15655 Bass Lake Road, Maple Grove, MN Hennepin County.

Purpose: The proposed project consists of an expansion of the existing Heritage Christian Academy parking lot and a building addition. The project will disturb 3.0-acres of the 14.2-acre site. Site improvements include mass grading, construction of a building addition, construction of a parking lot addition, concrete sidewalk, curb and gutter, underground storage chamber, erosion control, and landscaping.

WMC Rules Triggered:	X	Rule D	Stormwater Management
	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
		Rule K	Variance

Applicant:	Heritage Christina Academy	Attention:	Phil Dyrud
Address:	15655 Bass Lake Road Maple Grove, MN 55369	Phone:	763-463-2200
		Email:	phild@hunerberg.com

Agent:		Attention:	
Address:		Phone:	
		Email:	

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	April 5, 2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	April 5, 2024
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	April 5, 2024
	<input checked="" type="checkbox"/> Review fee: \$5,900	April 5, 2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	April 3, 2024

Submittals

1. Stormwater Management Plan, dated April 3rd, 2024, prepared by Bogart, Pederson & Associates, Inc
2. Construction Plans, dated April 3rd, 2024, prepared by Bogart, Pederson & Associates, Inc
3. ECWMC Application, dated April 5th, 2024, prepared by Phil Dyrud.
4. Resubmittal Stormwater Management Plan, dated April 10th, 2024, prepared by Bogart, Pederson & Associates, Inc

5. Resubmittal Construction Plans, dated April 10th, 2024, prepared by Bogart, Pederson & Associates, Inc
6. Resubmittal Stormwater Management Plan, dated April 15th, 2024, prepared by Bogart, Pederson & Associates, Inc
7. Resubmittal Construction Plans, dated April 15th, 2024, prepared by Bogart, Pederson & Associates, Inc

Findings

General

1. A complete application was received April 5th, 2024. The initial 60-day decision period per MN Statute 15.99 expires June 4th, 2024.
2. The existing 14.2-acre site contains 1.3-acres of impervious building and parking lot surfaces within the 3.0-acre project area. A portion of the parking lot and building will be demolished and reconstructed. Remaining area is green space. The site generally drains to the west and outlet into the storm system along Nottingham Pkwy N. Site soils for the site and surrounding residential and business developments are Hydrologic Soil Group (HSG) D soils.
3. The proposed project is a building and parking lot addition with stormwater management provided by an underground storage chamber. The stormwater will be conveyed via surface flow to catch basins and beehives routed to the underground chamber below the existing sports field. A small portion of runoff will be directed to the storm system offsite. During larger storm events, the chamber system is designed to control the flow and drain water to the west into the existing storm system via storm piping. The proposed site will be accessed off Vicksburg Ln N.
4. The project will disturb 3.0 acres and result in 1.96 acres (85,435 SF) of new or reconstructed impervious surfaces.
5. Stormwater management for this project is provided by surface drainage to the underground storage chamber and discharge to the west storm system.
6. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings that will be disturbed by the project.

Rule D – Stormwater Management

General

1. The total proposed constructed impervious surface from proposed homes, walkways, streets is 1.96 acres.
2. Based on the geotechnical report, site soils are primarily loamy soils and have moderate infiltration rates and reside in hydrologic soil groups D.
3. Stormwater runoff is conveyed via overland and curb and gutter to sewer to the proposed underground storage chamber to best possible ability with remaining area draining to existing storm sewer to the west.

Rate Controls

1. Rate control **meets** Commission requirements.
2. The proposed basin is designed to treat the proposed development and was sized to draw down within 48 hours.

3. Rate control is met via the filtration underground storage chamber. The applicant provided HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each outlet. The rates are summarized in Table 1 below.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
1R: West City Storm	Existing	4.92	9.76	21.09
	Proposed	4.45	8.64	18.36
	Change	-0.47	-1.12	-2.73
2R: West to Wetland	Existing	13.63	22.65	42.15
	Proposed	4.87	13.79	40.96
	Change	-8.76	-8.86	-1.19
TOTAL	Existing	18.55	32.41	63.24
	Proposed	9.32	22.43	59.32
	Change	-9.23	-9.98	-3.92

Low Floor Elevations

1. Low floors **meet** Commission requirements.
2. The proposed building adjacent to the stormwater underground storage chamber has a low floor elevation of 950. The 100-year HWL of the basin is 936.59 with an EOF at 936. This meets the requirements of 2’ freeboard for the 100-year HWL and 1’ above the EOF.

Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls do **meet** Commission requirements.
 - a. Infiltration from 1.1 inches of runoff from impervious areas is not feasible due to the presence of Type D soils.
 - b. The project proposed 1.96 acres (85,435 SF) of new or reconstructed impervious surfaces requires 7,831 CF of abstraction below the primary outlet. The proposed filtration underground storage chamber has an abstraction volume of 8,868 CF below the outlet (Invert: 932.25).

Table 2 Water Quality Summary

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet)	TP* (lbs/year)	TSS* (lbs/year)
Pre-Project	6.4	0	5.3	955.4
Proposed (w/ BMP's)	8.1	8,868 (7,831 required)	5.3	482.2
Change	+1.7	1,037 excess	+0.0	-473.2

Rule E – Erosion and Sediment Control (plans)

1. Plans **meet** the Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Silt fence
 - b. Storm drain inlet protection
 - c. Stabilization of disturbed soil areas
 - d. Construction Entrances

Recommendation

Approval with two condition(s).

Conditions for Approval

1. Approval is contingent upon final application escrow fee balance. Additional payment or refund of the fees will be determined when all conditions for approval are met.
2. Approval is contingent upon an approved operation and maintenance plan for the underground stormwater system.

On Behalf of Stantec Consulting Services, Inc.
Advisor to the Commission



Date 4/30/2024

Attachments

- Figure 1 Project Location
- Figure 2 Existing Drainage Map
- Figure 3 Proposed Drainage Plan

Figure 1 Project Location

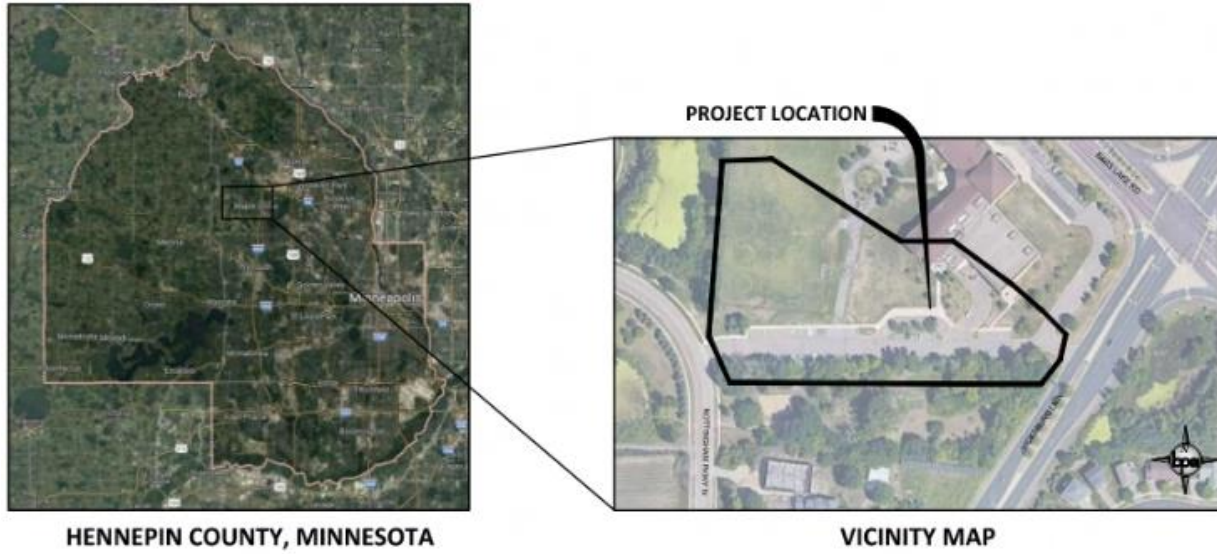


Figure 2 Existing Drainage Map

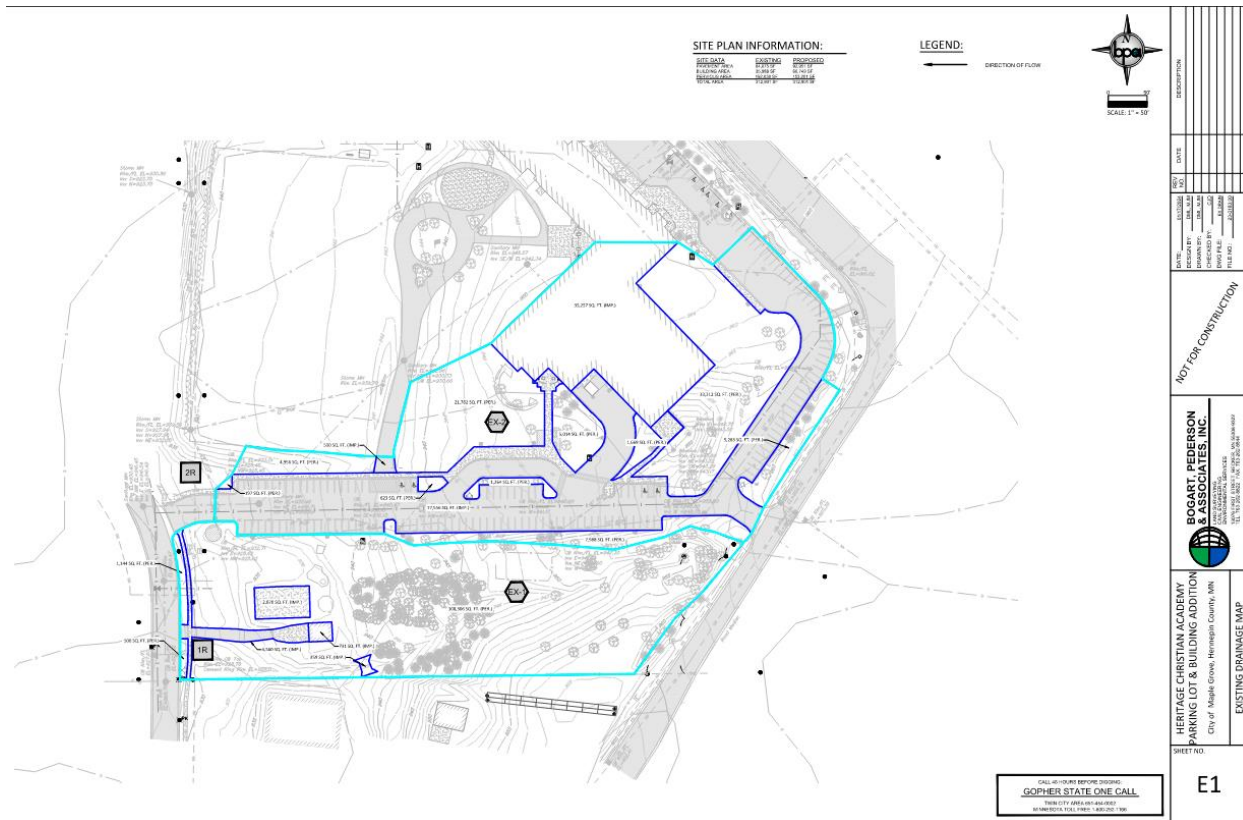


Figure 3 Proposed Drainage Plan



CALL 800-450-4500 BEFORE ORDERING
GOPHER STATE ONE CALL
 MEMBER OF THE ONE CALL SYSTEMS ASSOCIATION
 1-800-450-4500

SCALE: 1" = 30'

NO.	DATE
1	04/30/2024
2	05/01/2024
3	05/02/2024
4	05/03/2024
5	05/04/2024
6	05/05/2024
7	05/06/2024
8	05/07/2024
9	05/08/2024
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26	05/25/2024
27	05/26/2024
28	05/27/2024
29	05/28/2024
30	05/29/2024
31	05/30/2024

I hereby certify that the above information is true and correct to the best of my knowledge and belief, and that I am a duly licensed Professional Engineer in the State of Illinois.
 Signature: *[Signature]*
 Title: **REGISTERED PROFESSIONAL ENGINEER**, Lic. No. 088088
 Date: 05/30/2024

BOGART, PETERSON & ASSOCIATES, INC.
 1500 W. MONROE STREET, SUITE 100
 CHICAGO, ILLINOIS 60606
 TEL: 773.338.6600 FAX: 773.338.6601

**HERITAGE CHRISTIAN ACADEMY
 PARKING LOT & BUILDING ADDITION**
 13605 Maple Grove, Hermitage County, MN
 City of Maple Grove, Hermitage County, MN
PROPOSED DRAINAGE MAP

SHEET NO. **E2**

elm creek Watershed Management Commission

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

Corcoran Storage II Corcoran, Project #2024-010

Project Overview:

Location: This is a 4.87-acre site located in Corcoran, MN at 23730 State Highway 55. The parcel is on the north side of the highway west of CR 19. It is located at the very edge of the Elm Creek Watershed Commission border with the Pioneer Sarah WMO border on the west and south edges of the parcel. The project appears to drain locally to the north and northwest to a small ditch, and then to a creek which drains south to the Pioneer Sarah WMO.

Purpose: The applicant proposes construction of a self-storage facility on the currently agricultural parcel. Existing site impervious is 0.12 acres, 2.73 acres of total impervious is proposed post project. The proposed project will disturb most of the parcel (4.8 acres of 4.87 acres).

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

Applicant:	<u>Craig Scherber</u>	Attention:	<u>Craig Scherber</u>
Address:	<u>305 Lakeview Avenue</u> <u>Tonka Bay, MN 55331</u>	Phone:	<u>612.810-8400</u>
		Email:	<u>cescherber@yahoo.com</u>

Agent:	<u>Civil Site Group</u>	Attention:	<u>Scott Dahlke</u>
Address:	<u>Civil Engineering Site Design</u> <u>PO Box 566</u> <u>Monticello, MN 55362</u>	Phone:	<u>763-314-0929</u>
		Email:	<u>Sdahlke@civilsd.com</u>

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	4/8/2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	4/8/2024
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	4/4/2024
	<input checked="" type="checkbox"/> Review fee: \$7,030	4/8/2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	4/8/2024

Submittals

1. Stormwater Report dated 6/20/2023, Revised 3/26/2024 by Civil Engineering Site design with narrative, summaries, HydroCAD modeling output for existing and proposed conditions and MIDS model results (64 pages).
2. The stormwater report includes a February 20, 2024 documentation of a double ring infiltrometer test result by Haugo GeoTechnical Services.
3. Plans for Corcoran Storage II with Stormwater Pollution Prevention Plan by Civil Engineering Site Design dated 6/23/2024 (8 pages).

Findings

General

1. A complete application was received April 8, 2024. The initial 60-day decision period per MN Statute 15.99 expires June 7, 2024.
2. The existing 4.87 acre parcel is proposed for conversion from agricultural land to a self-storage facility with associated stormwater management.
3. The project will disturb 4.8-acres and create 2.73 acres of new/ reconstructed impervious areas in Corcoran.
4. There is a small wetland at the southeast corner of the parcel, however no impacts to the wetland are proposed. There are no floodplains on site.
5. The site appears to drain locally to a ditch to the north, and a creek to the east which drains to the Pioneer Sarah WMO.

Rule D – Stormwater Management

General

1. Existing drainage patterns on this site flow to the north to a drainage ditch, and to the east to a small creek which runs south across Highway 55 to the Pioneer Sarah WMO. Future drainage runs to a stormwater pond proposed on the southern portion of the site which will drain to the existing creek on the east which flows to Pioneer Sarah WMO.
2. The stormwater pond with a filtration bench is proposed to meet ECWMC requirements.
3. Soils on site are C/D which requires filtration instead of infiltration.
4. Low Floor Elevations meet the Commission's requirements. The FFE is 1062.7 and the 100-yr pond elevation is 1058.5.

Water Quality Controls

1. Water quality controls **will meet** Commission requirements.
2. Water quality loads are estimated using the MIDS model for computation.
3. The applicant uses disconnection from impervious areas, buffers, NURP permanent sedimentation ponds appropriately designed for the 2.5-inch event dead pool storage, the ponds each have bio-filtration as well, as well as 3 feet by 155 lineal feet of the filtration area fitted with an iron enhanced section of filter.
4. TP/ TSS removal is summarized below

Table 1 Water Quality

Condition	TP(lbs/yr)	TSS (lbs/ yr)	Volume (ac-ft)
Existing Condition	1.71	310	2.09
Proposed Condition (no bmps)	4.46	810	5.46
Proposed Condition	1.44	104	4.32
Net Change	0.27	-206	+2.23

Rate Controls

1. The existing drainage is 2.5 acres to the east low area, and 2.4 acres to the north, however, both of these drain to the creek to the south within Pioneer Sarah WMO. The proposed drainage while taking most of the site to the stormwater pond on the southeast, still drains to that creek. As such only the total drainage numbers are presented.
2. The HYDROCAD model output provided indicates the curve numbers for the existing and proposed conditions are reasonable.
3. Modeling shows rate controls for the 2-year and 10-year event **meet** Commission requirements when this site is considered as a whole.

Table 2 Rate of Discharge Leaving Site

Condition	Existing (cfs)	Proposed (cfs)
2-year	3.87	3.69
10- year	7.79	6.98
100- year	17.55	13.65

Abstraction Controls

1. Abstraction control **meets** Commission requirements.
2. C/D soils are indicated in the soil survey.
3. Applicant reports new impervious area of 93,250 sf, disconnected impervious area of 12,820 sf and a net required abstraction area of 80,430 sf.
1. New and reconstructed impervious areas requires filtration for 8,549 cubic feet. The applicant proposes meeting that requirement through a combination of disconnected impervious (12,820 square feet/ 1175 cubic feet) as well as filtration and iron enhanced filtration.
2. The applicant’s engineer contracted Haugo to perform a double ring infiltration test in the approximate footprint of the proposed infiltration basin. The average results indicated a potential infiltration rate for native pre-compaction soils of 1.1” however, the study noted that the presence of a potentially non-contiguous sand seem could be influencing the results and that these results may not be representative of site conditions and recommended additional investigation.
3. Abstraction through filtration provided is 38,663 cubic feet which draws down within 48 hours. This is 30,114 cubic feet greater than the abstraction for 1.1 inches of runoff not including the

disconnected impervious which the applicant computes to be 12,820 square feet (which is 1,175 cubic feet).

Rule E – Erosion Control

1. The applicant's proposed erosion control **MEETS** Commission requirements.
2. The SWPPP includes a rock construction entrance, protection of pond soils to reduce compaction, fiber logs around the filtration areas, inlet protection and silt fence as well as interim and permanent vegetative and ECB control measures. The pond EOF is also stabilized with an ECP and each outlet has rip rap protection.

Rule I – Buffer Strips

1. The applicant's proposal for establishing buffers around the creek/ wetland on the southeast corner of the parcel.
2. The applicant proposes 25 foot wide buffers on the southeast corner surrounding the delineated wetland.
3. The applicant has 4 wetland buffers signs indicated, but these need to be added to the legend for clarity. Once applicant adds the monuments to the legend, the buffer monumentation **IS** provided (4 are specified on the drawing- but not included in legend).

Recommendation

Motion: For the Commission meeting, staff recommends approval of project #2024-010 with the following condition(s):

1. *[Standard Condition]* Approval is contingent upon payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant.
2. Provide update regarding wetland buffer monumentation on the site plans.
3. Provide maintenance plan and agreement if required by the city of Corcoran.

Rebecca Carlson, P.E. (MN)
Resilience Resources, LLC
Advisor to the Commission

04/29/2024
Date

Attachments

- Figure 1 Site Location Map
- Figure 2 Aerial Imagery [& site topography](#)
- Figure 3 Proposed [Drainage + Grading Plan](#)
- Figure 4 Proposed Drainage Pattern and Grading Plan

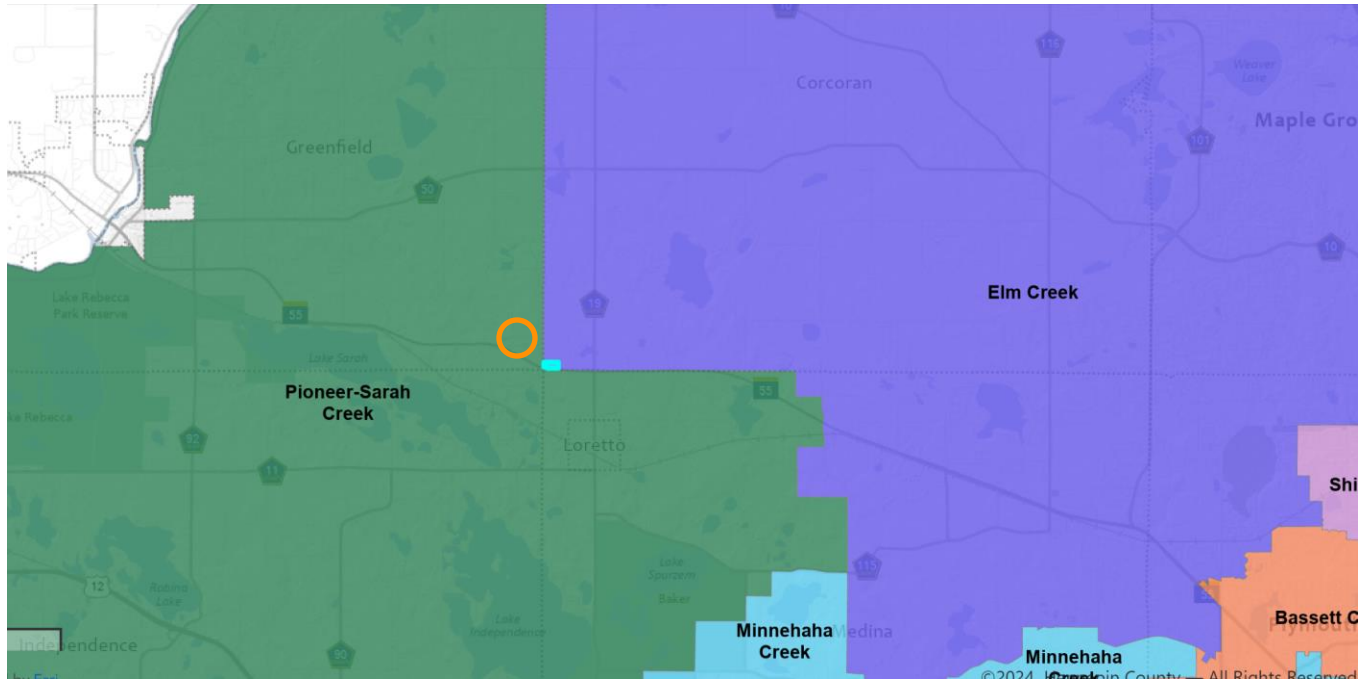


Figure 1 Site Location Map

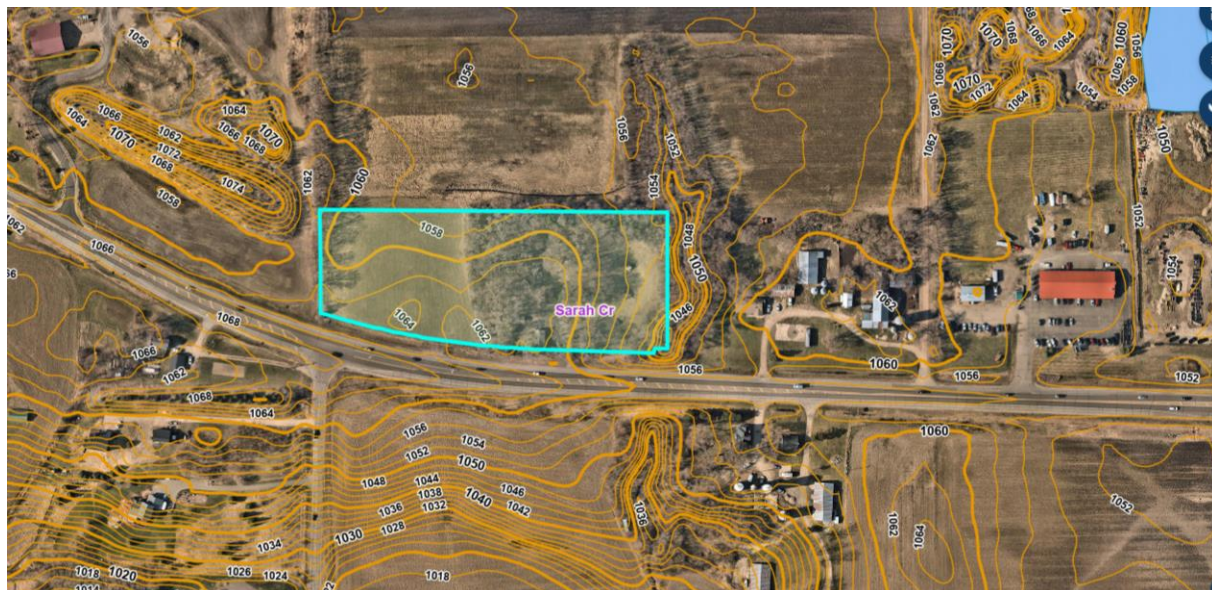


Figure 2 Aerial Imagery and site topography

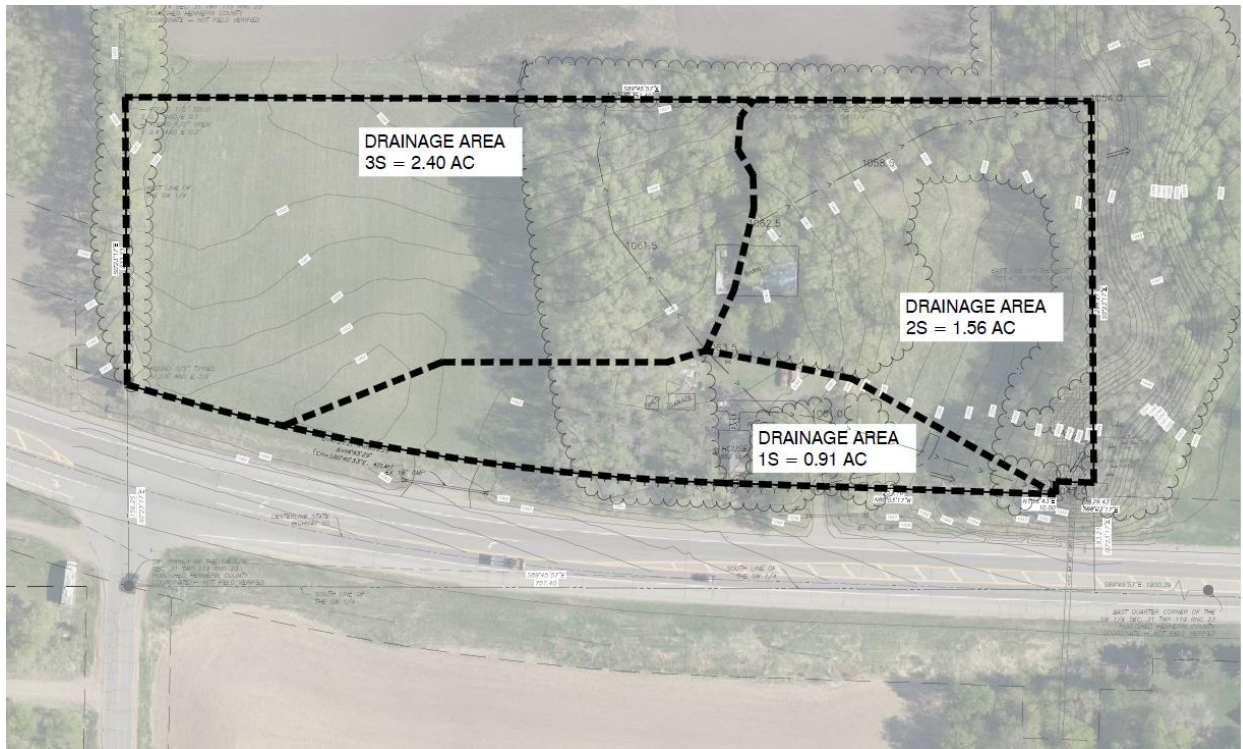


Figure 3 Existing Drainage Pattern Map

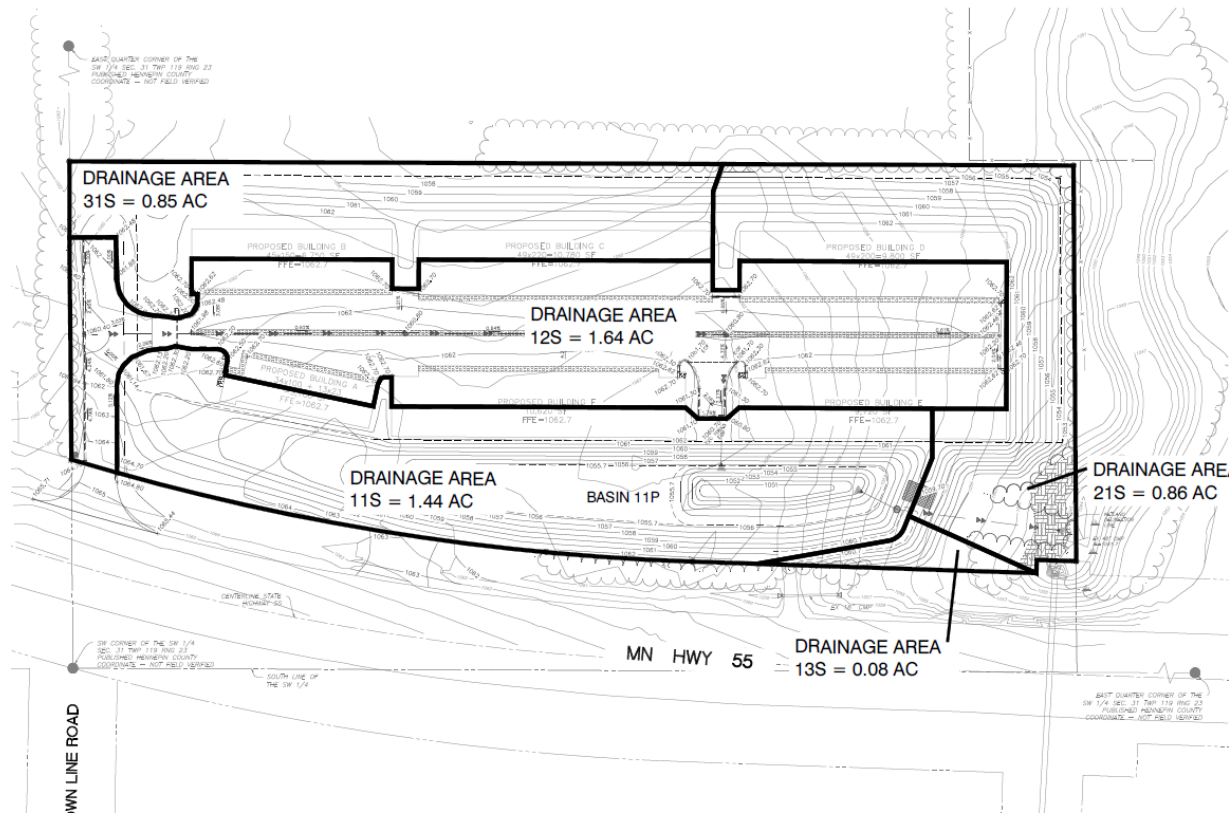


Figure 42 Proposed Drainage Pattern & Grading Plan

elm creek Watershed Management Commission

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

Dayton Jaeger Jordan Ditch Stabilization Dayton, Project #2024-011

Project Overview:

Location: This 5.96-acre site straddles two adjacent private parcels but is located primarily at 16630 Dayton River Road northwest of Vicksburg Lane. Both parcels drain to the Mississippi River in Dayton.

Purpose: The applicant proposes stabilizing a ditch which is not a public water that drains to the Mississippi River with bank toe stabilization and grade control structures using rip rap. The project, which includes limited tree clearing to facilitate the work, disturbs 0.66 acres. It will reduce existing sediment loading due to erosion in the ditch and reduce impacts of a recently upsized culvert under Dayton River Road which drains to the ditch. The project adds no new or reconstructed impervious.

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

Applicant:	<u>City of Dayton</u>	Attention:	<u>Zack Doud</u>
Address:	<u>12260 South Diamond Lake Rd Dayton, MN 55327</u>	Phone:	<u>763-427-4589</u>
		Email:	<u>zdoud@cityofdaytonmn.com</u>

Agent:	<u>Stantec</u>	Attention:	<u>Josh Accola</u>
Address:	<u>1 Carlson Pkwy N, Suite 100 Plymouth, MN 55447</u>	Phone:	<u>715-207-5157</u>
		Email:	<u>joshua.accola@stantec.com</u>

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	04/08/2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	04/08/2024
	<input checked="" type="checkbox"/> City authorization: Dayton, MN	04/08/2024
	<input checked="" type="checkbox"/> Review fee: \$3,640	04/08/2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	04/08/2024

* Commission staff, in discussion with the City, determined that the stormwater review fee was not necessary as nutrient/ sediment loads and reductions were computed by the Commission and there were no formal stormwater BMPs or hydrologic/ Hydraulic modeling review required for the project review.

Submittals

1. Permit memo dated 3/14/2024 by Stantec which includes the results of nutrient and sediment load reductions associated with the project, flood plain fill proposed and a brief narrative.
2. Site Plans dated 3/18/24 by Stantec.
3. Staff also conducted several pre-application meetings to discuss permitting for the project, notes for which are included in the permit file.

Findings

General

1. A complete application was received April 8, 2024. The initial 60-day decision period per MN Statute 15.99 expires June 7, 2024.
2. The existing 5.96-acre site is an eroded ditch on residential property.
3. The project disturbs 0.66 acres to achieve the stabilization and adds no new or reconstructed impervious to the existing 1.2 acres of impervious already on site.
4. No formal stormwater BMPs are proposed or required for the site. The project does not require volume control due to the lack of added or reconstructed impervious.
5. The construction of the project itself reduces nutrient and sediment loading to the Mississippi River by stabilizing the actively eroding ditch. The Commission determined the basin was exporting 2.6 tons of sediment and 2.2 lbs of TP to the Mississippi River annually due to erosion. The existing erosion is expected to be exacerbated by on upsized culvert under Diamond Lake Road installed by Hennepin County. Load reductions associated with the stabilization will come close to the original export estimations.
6. The project is situated partly within the floodplain of the Mississippi River. The proposed fill in the floodplain above the 843 NGVD 29 floodplain elevation is about 47 cubic yards. This consists of rip rap to stabilize the toe of the channel and install grade control structures. All other fill is outside the floodplain or below the existing ground surface elevation. The fill will be mitigated by excess cut provided by the previously permitted Elsie Stephens Park located 1.5 miles south of the project which also drains to the Mississippi River.
7. There are no wetlands on site.

Rule D – Stormwater Management

General

1. No formal stormwater BMPs are proposed for the size as the existing project does not require volume control due to the lack of added or reconstructed impervious.
2. The construction of the project itself reduces nutrient and sediment loading to the Mississippi River by stabilizing the actively eroding ditch. The Commission determined the basin was exporting 2.6 tons of sediment and 2.2 lbs of TP to the Mississippi River annually due to erosion. The existing erosion is expected to be exacerbated by on upsized culvert under Diamond Lake Road installed by Hennepin County. Load reductions associated with the stabilization will come close to or even exceed the existing export estimations.

Water Quality Controls

1. Water quality controls **will meet** Commission requirements.
2. The construction of the ditch stabilization itself reduces nutrient and sediment loading to the Mississippi River by stabilizing the actively eroding channel. The Commission determined the basin was exporting 2.6 tons of sediment and 2.2 lbs of TP to the Mississippi River annually due to erosion. The existing erosion is expected to be exacerbated by an upsized culvert under Diamond Lake Road installed by Hennepin County. Load reductions associated with the stabilization will come close to the original export estimations.

Loads	Existing
TP (lbs/ yr)	2.2
TSS (tons/yr)	2.6

* nutrient and sediment loads were computed by the Commission.

Rate Controls

1. The site drains to the Mississippi River. The drainage areas do not change as the result of this project.
2. No modeling was performed, however, based on the existing and proposed grade and manning's n, the stabilization is not expected to produce any increase in flow.

Abstraction Controls

1. No abstraction is required

Rule E – Erosion and Sediment Control

1. Plans **Does not meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Existing gravel drive to be used as construction access
 - b. Temporary staging area with silt fence on downstream side
 - c. Erosion control blanket + native seeding on bank
 - d. Double biorolls downstream edge of stabilization (size)
 - e. Need maintenance/stabilization of disturbed soil area between limits of construction and defined EC

Rule F – Floodplain Alteration

1. Plans **meets** Commission requirements for floodplain alteration.
2. Floodplain compensatory storage for the 47 cubic yards of fill proposed above the 100-year flood elevation to stabilize the ditch will be provided by the net cut of 457 CY provided for construction of a stormwater BMP used in Elsie Stephens Park in 2022.

Recommendation

Motion: For the Commission meeting, staff recommends approval of project #2024-011 with the following condition(s):

1. [Standard Condition] Approval is contingent upon payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant.
2. Provide remaining erosion control plan details.
3. The City shall provide title documentation on the BMP at Elsie Stephens Park used for floodplain mitigation which note this volume is compensatory storage for the ravine stabilization.

Rebecca Carlson, P.E. (MN)
Resilience Resources, LLC
Advisor to the Commission

04/24/2024
Date

Attachments

- Figure 1 Site Location Map
- Figure 2 Aerial Imagery
- Figure 3 Aerial Zoom In
- Figure 4 Proposed Restoration
- Figure 5 Toe Detail
- Figure 6 Compensatory Storage at Elsie Stephens Park

Figure 1 Site Location Map

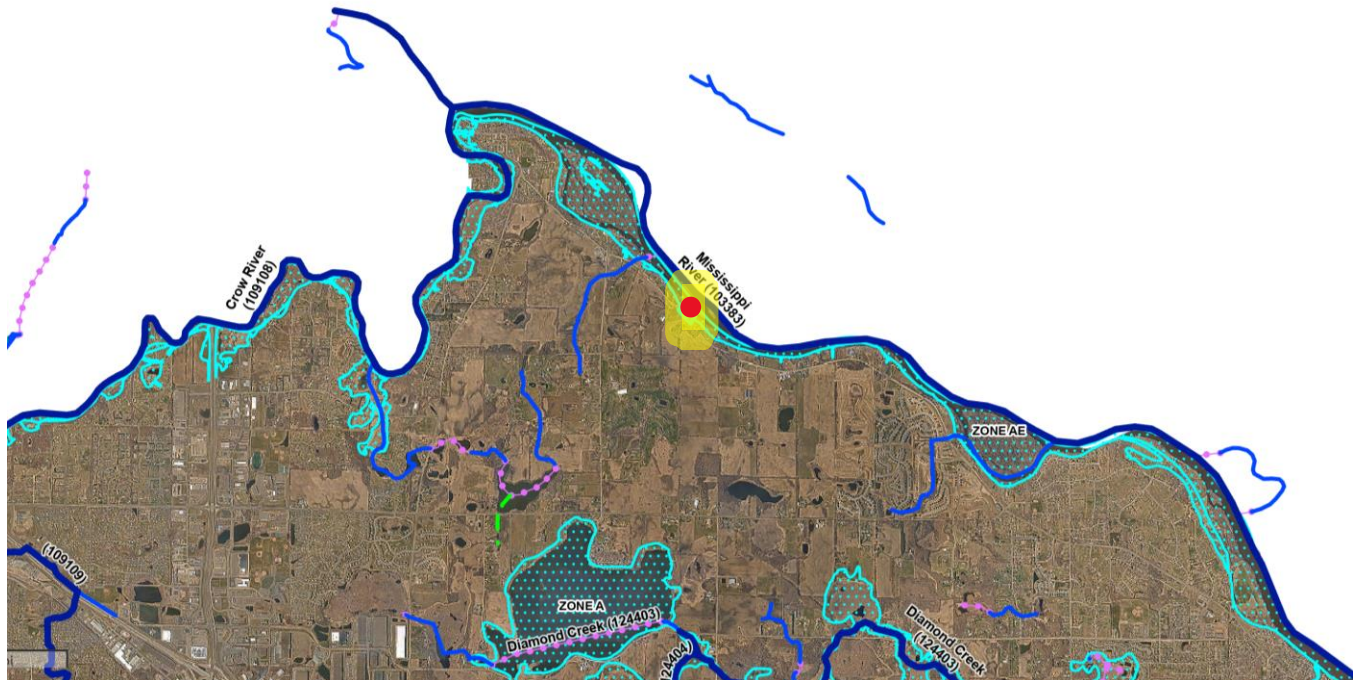


Figure 2 Aerial Imagery

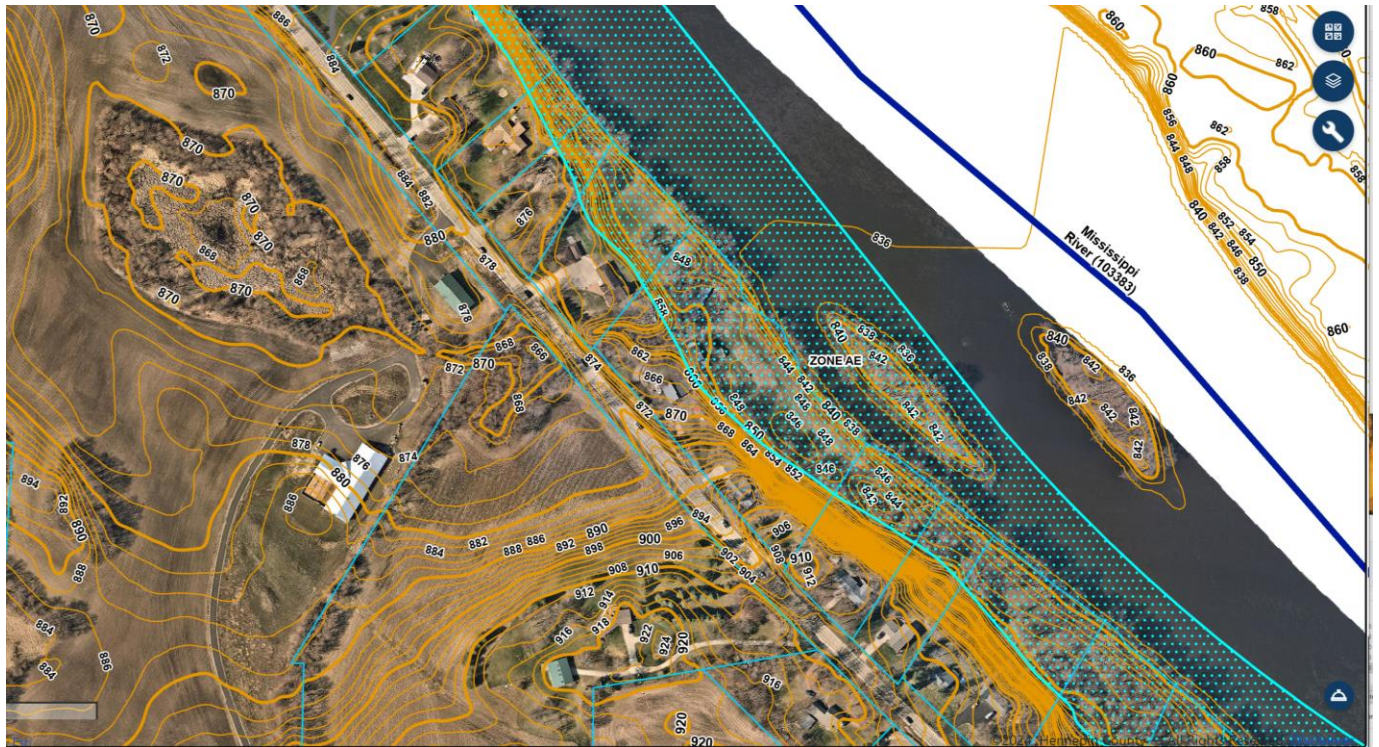


Figure 3 Zoom in

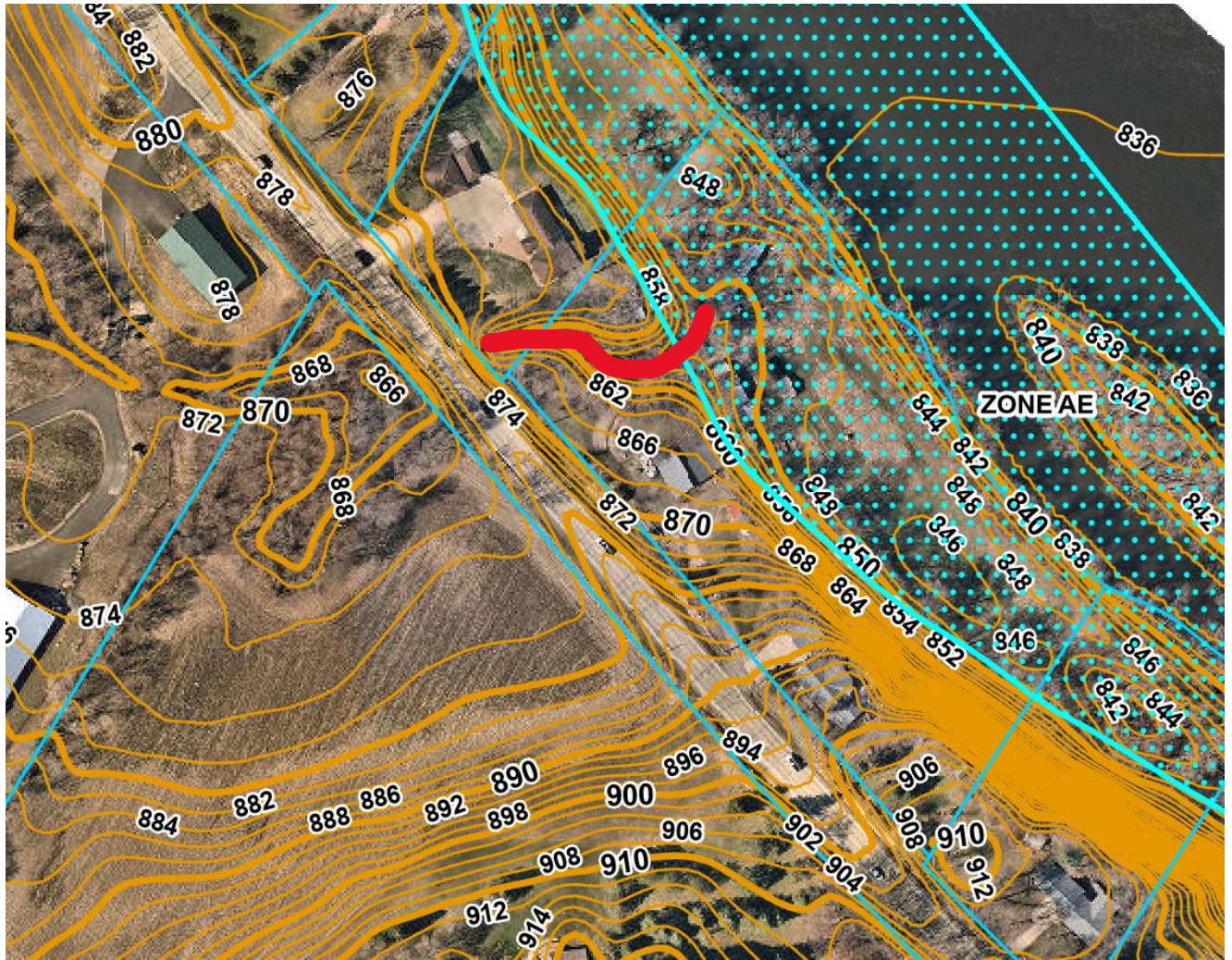


Figure 4 Proposed Restoration- Blue Line is FEMA Floodplain Limit 853.25

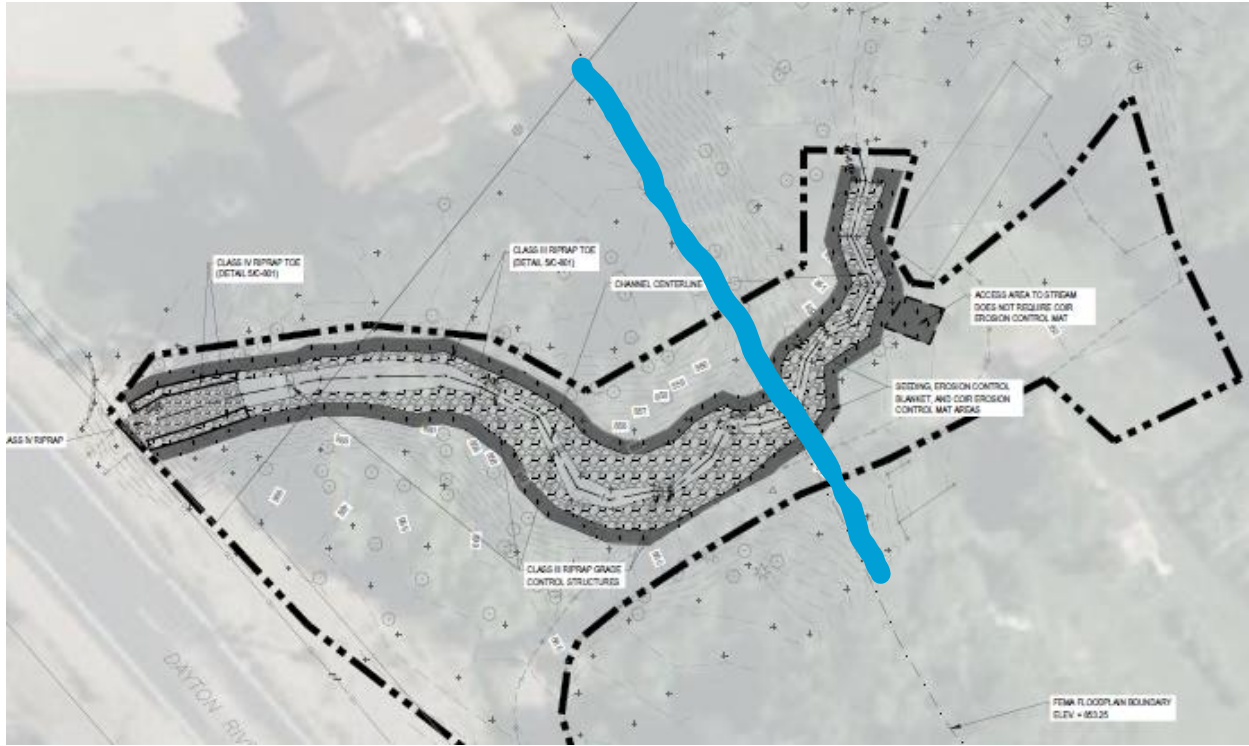
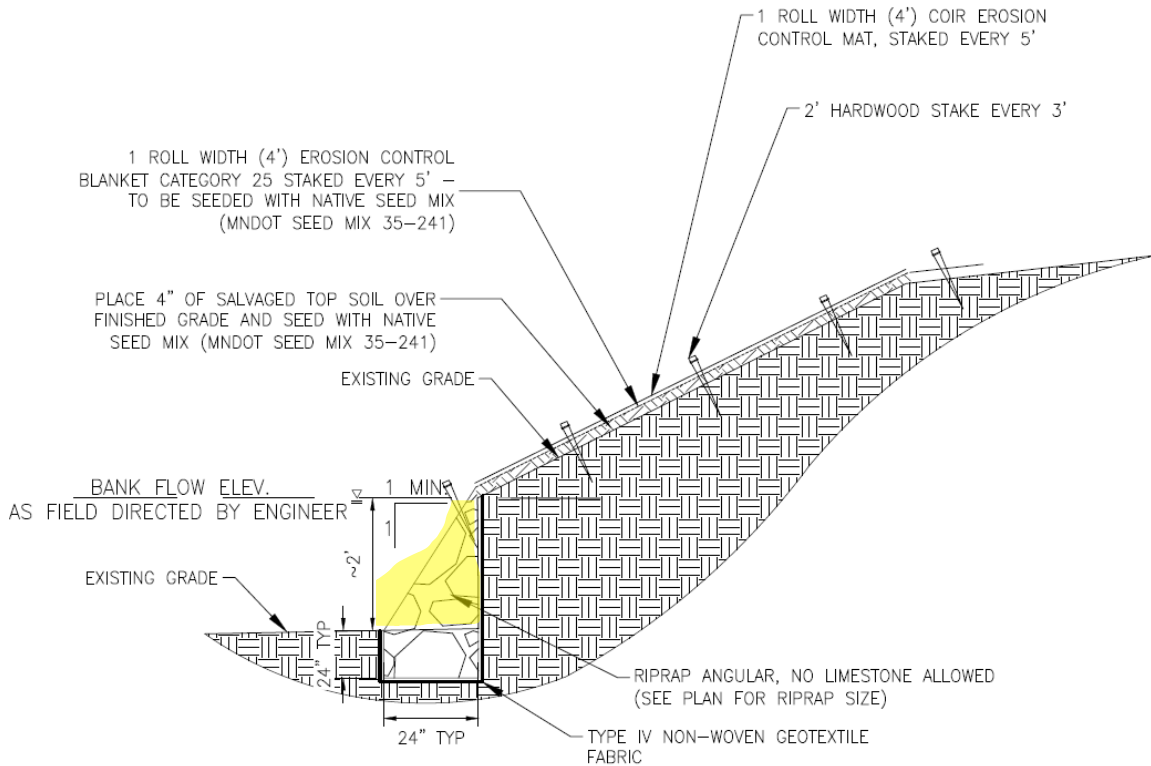
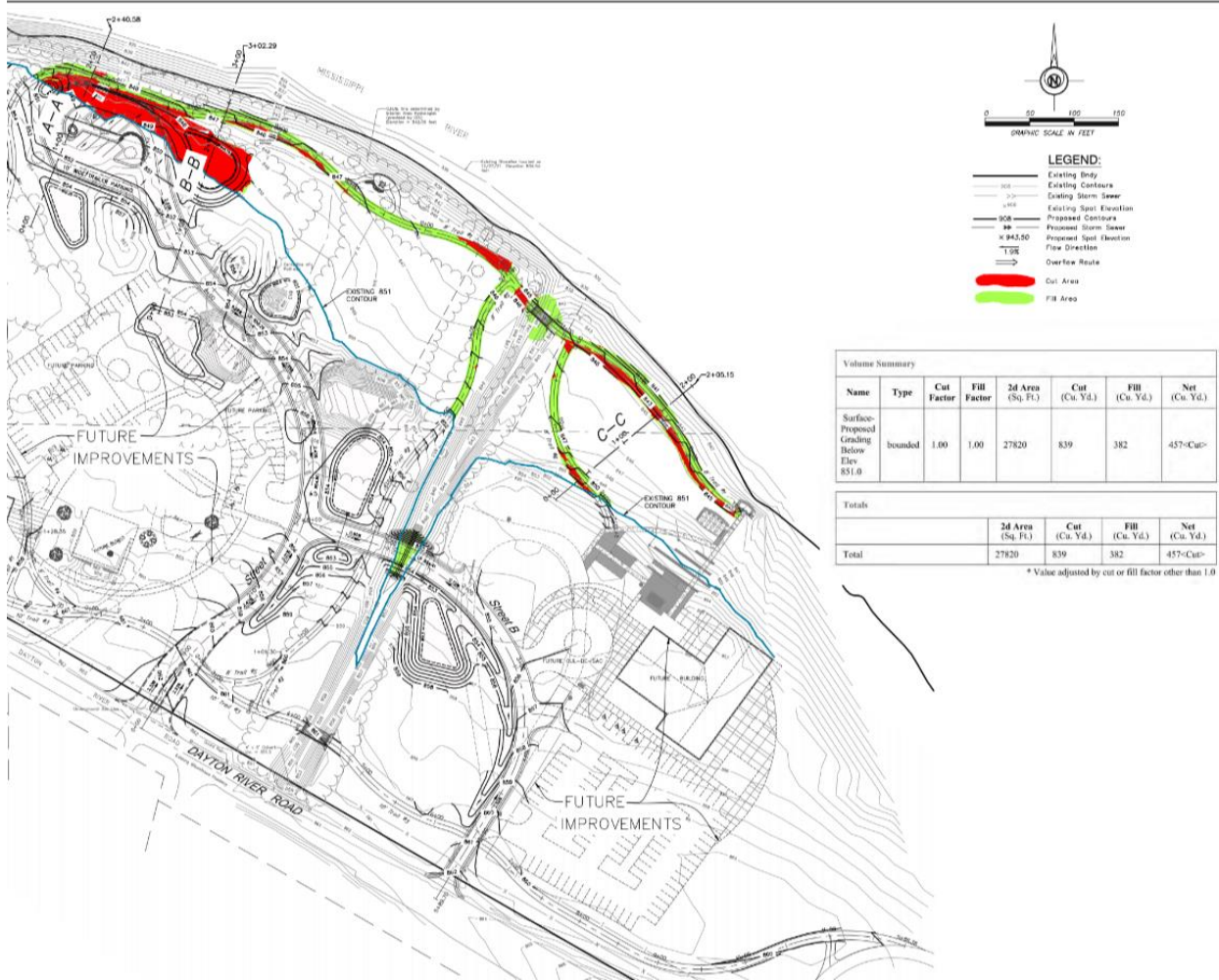


Figure 5 Toe Detail- Yellow Shading is Floodplain Fill



5 RIPRAP TOE
C-801 NOT TO SCALE

Figure 6 Compensatory Storage Location



elm creek Watershed Management Commission

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

Dayton Interchange Dayton, Project #2024-012

Project Overview:

Location: The 10.28-acre parcel at 17600 Territorial Road in Dayton, is located at the intersection of Holly Lane and Dayton Parkway. The site is situated at the northern edge of the Rush Creek Sub-watershed, just inside its edge with The Diamond Creek Sub-watershed. The parcel is between CR 81 and I94 east of Dayton Parkway directly south of French Lake.

Purpose: The applicant proposes converting the existing site which has been used for parking and currently houses a cell tower and stormwater pond to an industrial development containing one 132,100 square foot building and associated parking, access, stormwater and parking. The proposed project disturbs 9.36 acres resulting in 7.24 acres of impervious area post project, a reduction from the existing 8.32 acres of impervious (net reduction of 1.1 acres of impervious).

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

Applicant:	Opus Development Company, LLC	Attention:	Joe Mahoney
Address:	10350 Bren Road West, Minnetonka, MN 55343	Phone:	952-656-4440
		Email:	Joe.mahoney@opus-group.com

Agent:	Opus Development Company, LLC (Engr: Sambatek- Alea Stutz)	Attention:	Joe Mahoney
Address:	10350 Bren Road West, Minnetonka, MN 55343	Phone:	952-656-4440
		Email:	Joe.mahoney@opus-group.com

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	04/11/2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	04/11/2024
	<input checked="" type="checkbox"/> City authorization: Dayton, MN	04/08/2024
	<input checked="" type="checkbox"/> Review fee: \$5,900	04/11/2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	04/11/2024

Submittals

1. Preliminary Stormwater Management report for Dayton Opus Holly Lane & Dayton Parkway in Dayton dated 4/5/2024 by Sambatek which includes the results of MIDS nutrient and sediment loads, HydroCAD existing and proposed model output, and hydrologic soil group data (254 pages).
2. Site Plans most recently updated 4/5/24 for the Watershed Submittal by Sambatek.
3. Staff also conducted several pre-application meetings to discuss permitting for the project, notes for which are included in the permit file.

Findings

General

1. A complete application was received April 11, 2024. The initial 60-day decision period per MN Statute 15.99 expires June 10, 2024.
2. The existing 10.28-acre site contains a cell tower and stormwater pond, but has been used recently for parking, meaning the site is very compacted.
3. The project disturbs 9.36 acres reducing existing 8.32 acres of impervious to 7.24 acres.
4. Stormwater BMPs proposed to meet the Commission requirements for water quality, rate control and abstraction include a combination of on-site and off-site ponds and filtration basins with pre-treatment provided by sump manholes.
5. D soils are dominant on site according to the web site soil evaluation.
6. There are no wetland or floodplain impacts proposed.
7. The proposed building is slab on grade with an FFE proposed of 962.00 and the nearest pond 100-year elevation is 955.61.

Rule D – Stormwater Management

General

1. Existing drainage patterns on this site runoff flows out in 3 directions in roughly equal proportions: northwest to the existing city ponds off site, to the railroad ditch on the northeast, southwest to the Holly/Territorial interchange and northeast to the railroad ditch. Both the railroad ditch and the off-site ponds discharge to the drainage system for CR 81.
2. Proposed condition drainage changes the proportions of flow to these directions, reducing the flow to the northeast railroad ditch the most (from 2.48 acres down to 0.5 acres). The redirected area is split between the on-site stormwater pond and the city stormwater BMPs.
3. Two (2) off-site existing stormwater City stormwater ponds which will be retrofitted with biofiltration benches are proposed to control flow rates from the northwest portion of the site. The existing on site stormwater pond will be retrofitted with biofiltration and re-graded.
4. The web soil survey shows D soils present on site. The prior uses of the site for vehicle parking indicate these soils are likely to be in poor condition and compacted. The HydroCAD model reflects this in its use of curve numbers as well as site design relying on filtration instead of infiltration to meet Commission requirements.
5. Pretreatment is provided by sump manholes for the runoff directed to filtration bmps.

Water Quality Controls

1. Water quality controls **will meet** Commission requirements.
2. MIDS water quality monitoring performed for the project show a reduction in the nutrient and sediment loading from the site from the existing to the proposed condition.

Parameter (lbs/ yr)	Existing	Proposed	Change
TP	14	13	-1
TSS	2,297	1,888	-409

Rate Controls

1. The rate control meets Commission requirements.
2. The HydroCAD modeling was performed using Atlas 14 precipitation events and MSE3 distribution. Results show that flow rates for the 2, 10 and 100-year events are lower in the proposed condition than the existing due to the ponding on and off site provided for both the individual flow directions as well as the total discharge.

Existing peak flow rates (cfs)

Storm Event	Railroad	Osprey	Holly/ Territorial	Total
2- year	12.88	1.01	6.95	20.13
10- year	19.42	6.17	11.04	31.29
100- year	33.17	30.67	19.83	77.84

Proposed peak flow rates (cfs)

Storm Event	Railroad	Osprey	Holly/ Territorial	Total
2- year	1.72	0.95	6.23	7.88
10- year	4.72	5.91	9.66	15.82
100- year	20.91	25.84	17.05	60.33

Abstraction Controls

1. D soils limit the use of infiltration on site. Biofiltration will be used in two of the ponds. Both the onsite pond and the downstream-most pond owned by the city will be retrofitted with a filtration bench to achieve the abstraction requirement.
2. The applicant proposes reducing the existing 8.32 acres of impervious to 7.24 acres, all of the impervious is reconstructed. The requirement for 1.1 inches of filtration over the reconstructed 7.24 acres is 28,909 cubic feet I total.
3. Pre-treatment is provided for the filtration volume using sump manholes.

BMP	Filtration Volume Provided (CF)
-----	---------------------------------

On-Site Pond	12,348
Off-Site City Pond	17,238
Total Filtration Provided	29,586
Total Filtration Required	28,909

Rule E – Erosion and Sediment Control

1. Plans **meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Construction entrance
 - b. Silt fence and bioroll
 - c. Inlet protection
 - d. Protection of filtration areas on site
 - e. Stabilization of disturbed soil area and pond EOFs and outlets

Recommendation

Motion: For the Commission meeting, staff recommends approval of project #2024-012 with the following condition(s):

1. [Standard Condition] Approval is contingent upon payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant.
2. Comply with any city requirements outstanding.
3. Provide city-required operation and maintenance plan/ agreement.

Rebecca Carlson, P.E. (MN)
Resilience Resources, LLC
Advisor to the Commission

04/29/2024
Date

Attachments

- Figure 1 Site Location Map
- Figure 2 Aerial Imagery
- Figure 3 Existing Drainage
- Figure 4 Proposed Drainage

Figure 1 Site Location Map

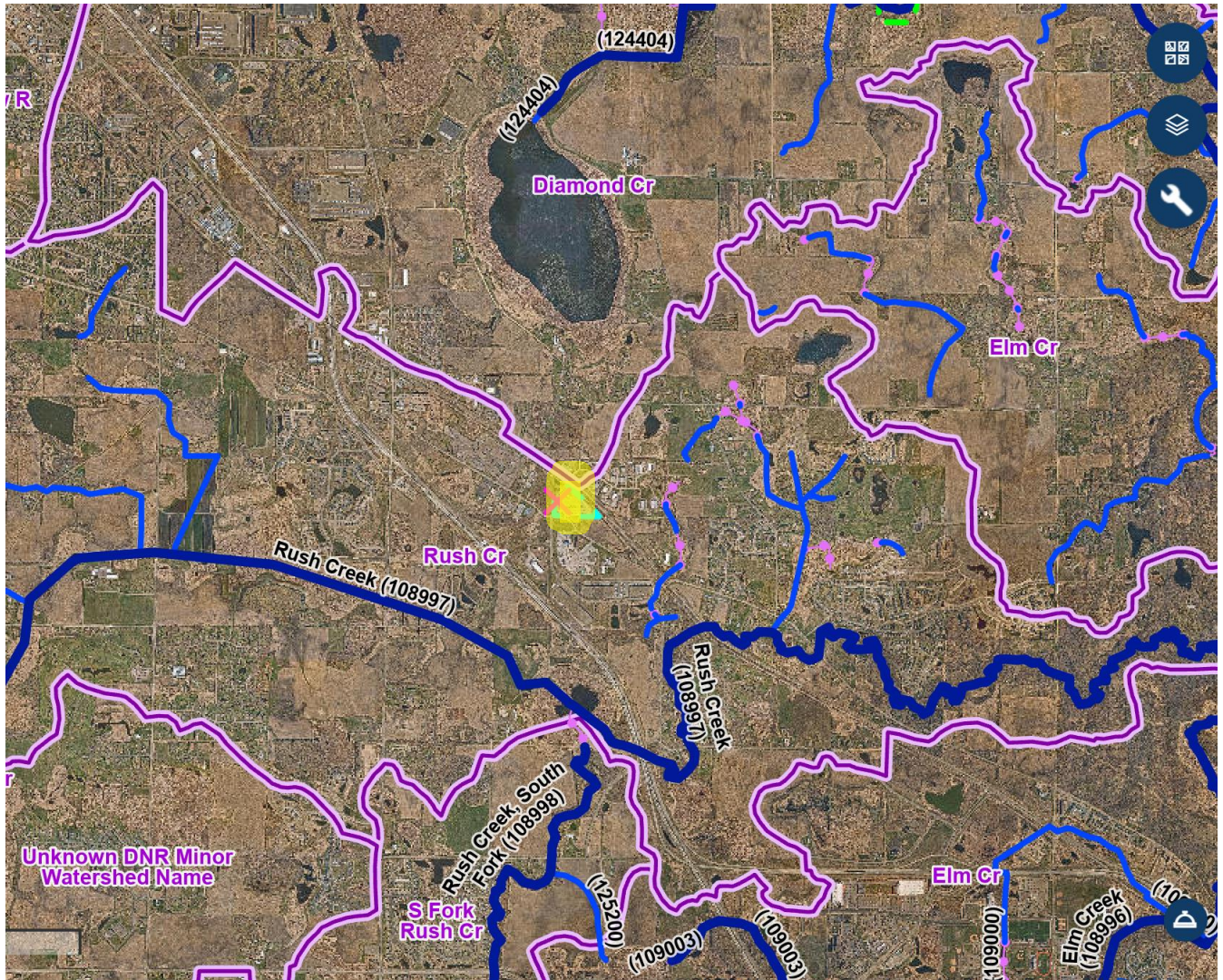


Figure 2 Aerial Imagery

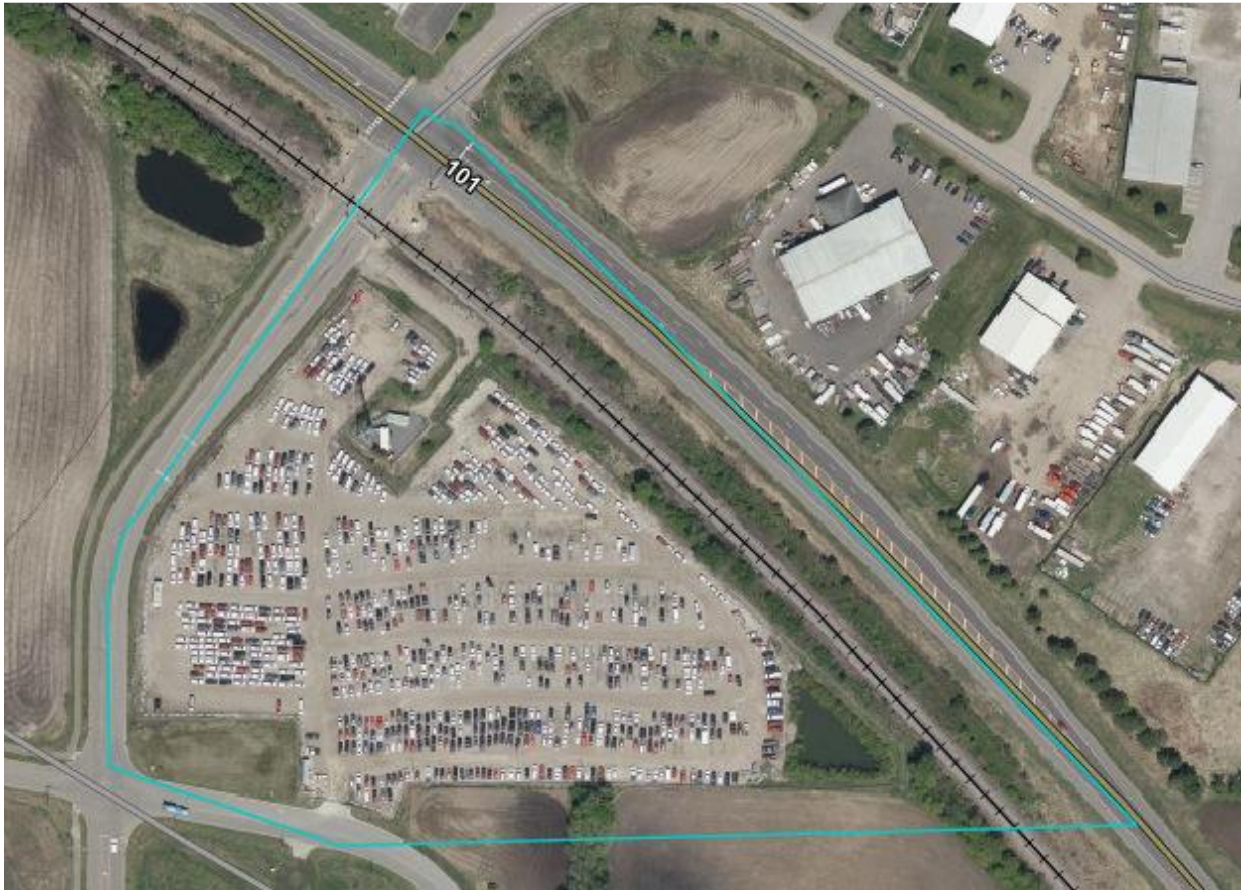


Figure 3 Existing Drainage

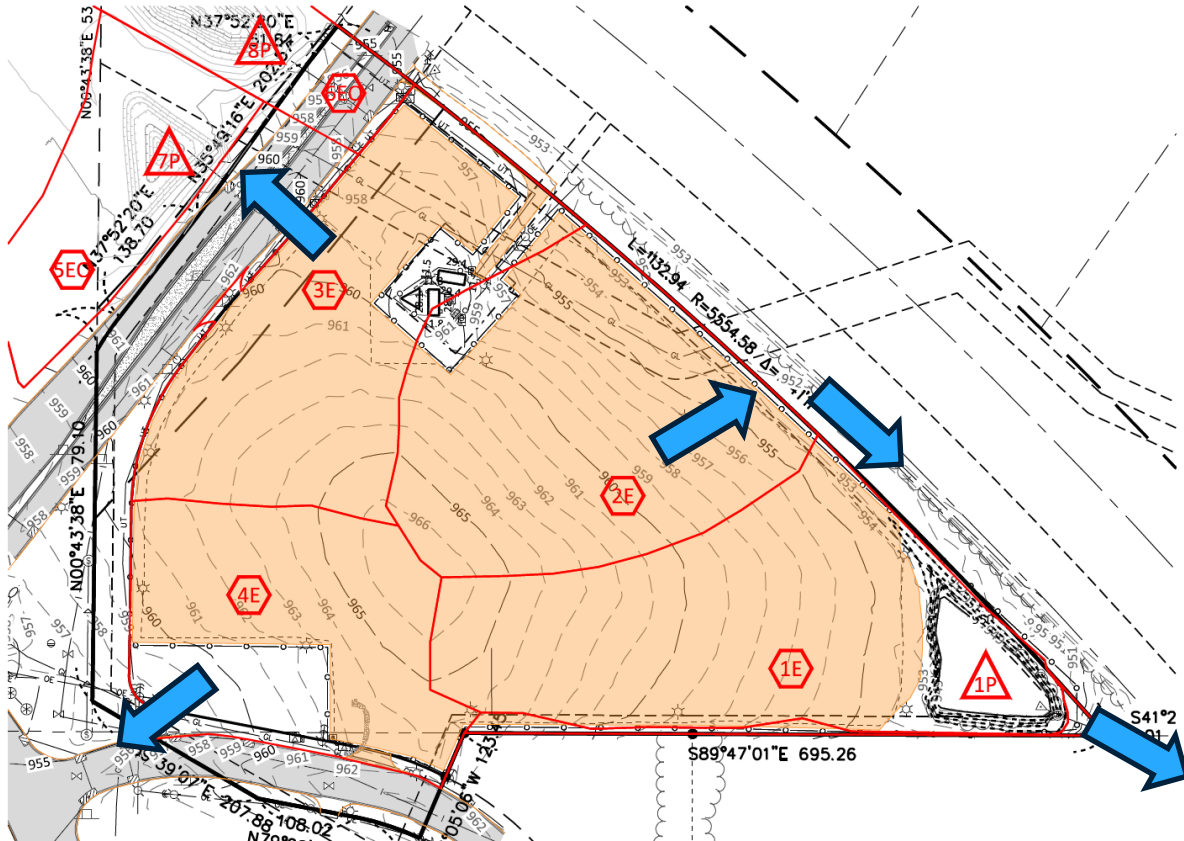
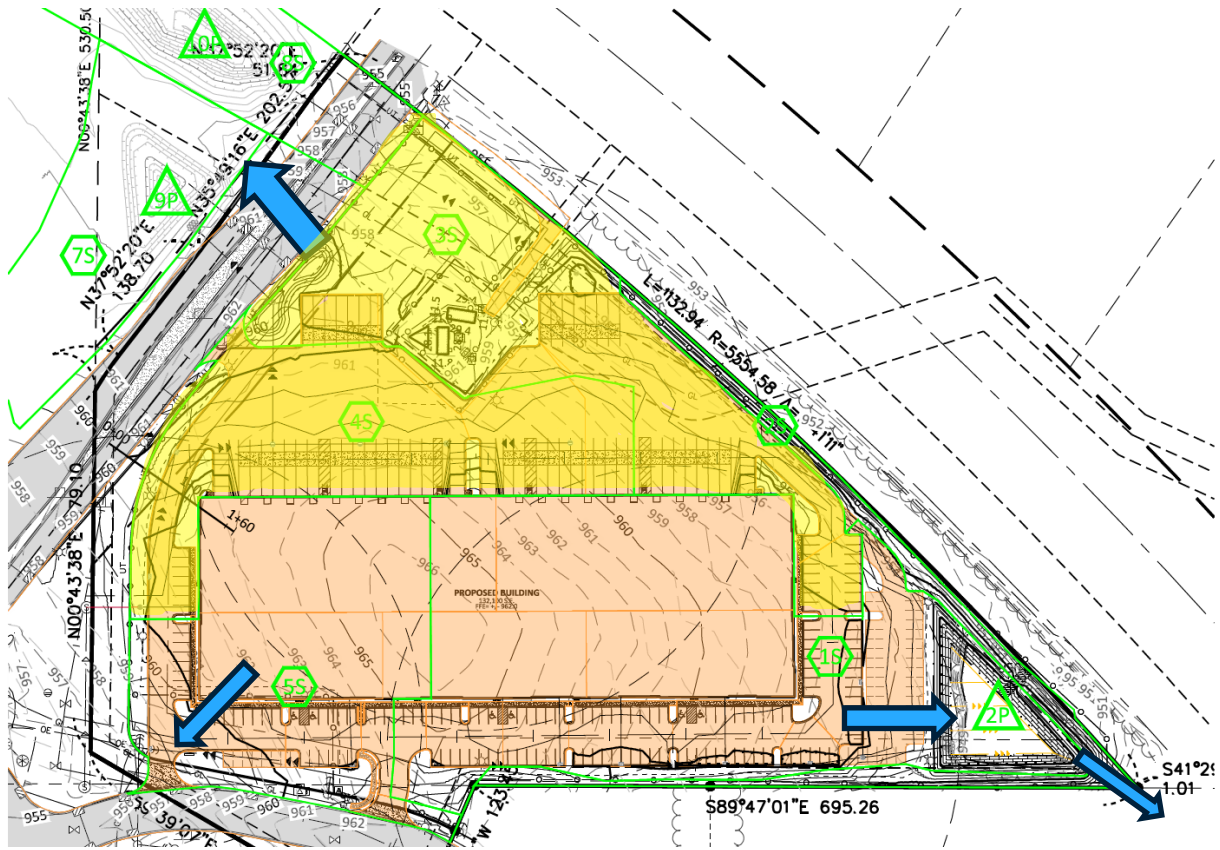


Figure 4 Proposed Drainage



To: Elm Creek WMO Commissioners/TAC
From: Budget Committee
Date: May 2, 2024
Subject: Proposed 2025 Budget

**Recommended
Commission Action**

Review and discuss. You may move adoption of the proposed 2025 budget with any proposed revisions from the floor or hold over for action at the June 12 meeting.

According to the Joint Powers Agreement, the Commission must on or before June 15 of each year adopt a budget for the coming year. Typically, the Commission considers a preliminary budget in May of each year, either adopting it at the May meeting or holding over action to the June meeting. The budget must be transmitted along with notice of the apportionment of costs to each city by July 1. Member cities then have until August 15 to comment on or raise objections to the budget. If no objections are submitted, the budget proceeds as adopted. If objections are submitted in writing, then the Commission must hold a public hearing to consider modifying the budget or proceeding with no change.

The draft budget is presented to you for your review and discussion. If you are comfortable, you may elect to adopt the budget with any revisions agreed to at the May 8 meeting, or you may hold over approval until the June 12 meeting.

The proposed budget shown in Table 1 separates the operating expenses from the capital and other non-operating expenses and revenues, which are accounted for separately and which will be reviewed in June. This separation allows you to more clearly determine if your assessments and project review fees are adequately funding operating expenses, or whether you are operating a deficit or surplus. It is analogous to a governmental General Fund budget rather than an all funds, balance sheet style.

The 2025 budget as proposed is a continuation of the programs and activities undertaken in 2024, with some slight modifications. Figure 1 shows the proposed operating budget by expenditure category, while Table 1 shows the proposed operating budget by line item. The overall proposed 2025 operating budget is about a \$3,800 decrease over the 2024 budget, mainly due to some assumptions about project review costs. However, some budget modifications are proposed:

1. The budget includes a proposed increase in the administrative budget, which has only been modestly increased in the past several years. In the meantime, there has been an increase in the number of TAC, WBIF, and other meetings and project and grant accounting has grown more complex.
2. The costs and revenues shown for project reviews in 2025 are based on the revised fee structure and our experience over the last few years. Some of the previous budgets simply brought forward old numbers, and in some cases overestimated costs and potential revenues.

3. Some adjustments have been made to individual line items based on past experience and based on the increasing cost of doing business.
4. One source of revenue that has in the past helped to subsidize the member assessments is investment interest. A combination of higher interest rates and a significant fund balance resulted in significant interest income in past years. As projects are completed and the Commission pays out levy and grant funds for those projects, interest earnings will fall.

The 2025 budget as proposed includes a 4.7% increase in city assessments. There was no increase in 2024. The proposed 2025 budget assumes a \$15,000 contribution from cash reserves. The Commission’s Comprehensive Fund Balance Policy requires that the Commission maintain a cash reserve equal to either 50% of annual operating revenues or five months of operating expenses. Using the 2024 budget, that minimum reserve balance would be about \$157,000. According to the annual audit, the Unrestricted Fund Balance at the end of 2022 was \$141,927. However, there was also an unusually high project review fees escrow liability of nearly \$80,000 that had not yet been collected. While the 2023 year-end balance is still under audit, it appears likely that the Commission currently maintains more than adequate cash reserves, especially since it appears at year end the budget ended with a \$58,000+ surplus due to interest earnings. We expect to have updated balance figures at the June meeting.

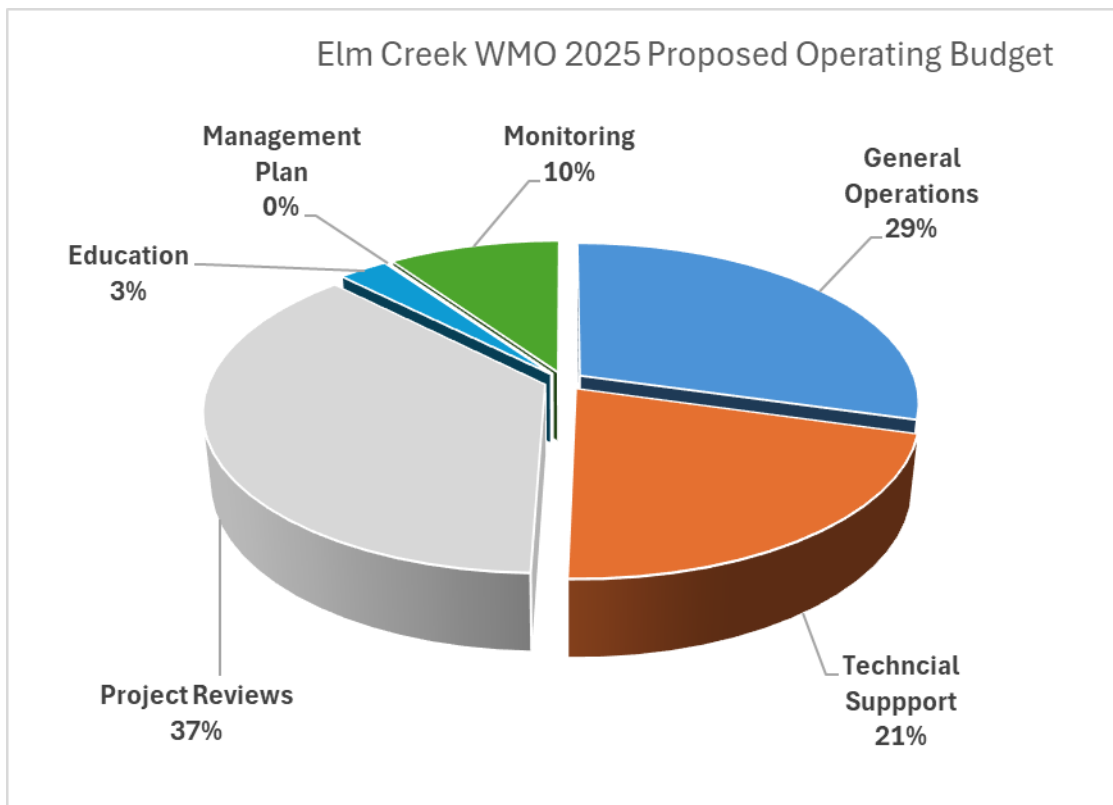


Figure 1. Proposed 2025 operating budget by expenditure category.

City Assessments

Table 2 details the proposed member city assessments for 2025 compared to previous years. The 2025 assessments are based on the revised legal boundary. It is not possible to do an apples-to-apples comparison of 2024 to 2025 to evaluate the impact of the boundary change on the assessments. However, Table 3 may provide some helpful context. There were 1146 acres (600 parcels) that moved out of West Mississippi and into Elm Creek, mostly from Champlin, and only 52 acres that moved from Elm Creek into West Mississippi. Shingle Creek gained 60 acres from Elm Creek, but 627 acres moved from Shingle Creek into Elm Creek, mostly in Plymouth. About 550 acres moved out of Elm Creek into Bassett Creek, mostly from Plymouth. The net impact was an increase in the Elm Creek watershed legal boundary area of almost 0.4 square miles.

Table 3 shows the area by city before and after the boundary change. Note that the percent of watershed area changed slightly, most notably in Champlin, but that is still less than one-half percent.

Assessments are based on share of taxable market value, and the table shows the taxable market value within each city's share of the watershed for 2024 compared to the 2023 value prior to the boundary change. While there is some variability year to year in market value and that variability is uneven across the cities, it is likely that a good share of the annual change this year was from the boundary revision. For example, if 500 of the 600 Champlin parcels that moved from West Miss to Elm were \$400,000 homes, that would increase the overall market value of Champlin's share of the watershed by $500 * \$400,000$ or \$200,000,000. The actual change between years was \$262,436,800.

Table 3. Area and market value changes before and after legal boundary revision.

City	Area (sq mi)			% of watershed		Taxable market value			% of watershed	
	Old	New	Change	Old	New	Old (2023)	New (2024)	Change	Old	New
Champlin	3.08	3.68	16.3%	2.4%	2.8%	\$898,761,000	\$1,161,197,800	22.6%	4.0%	5.1%
Corcoran	36.06	36.07	0.0%	27.6%	27.5%	1,808,292,200	1,806,478,300	-0.1%	8.0%	8.0%
Dayton	25.17	25.08	-0.4%	19.3%	19.1%	2,031,786,500	2,038,390,200	0.3%	9.0%	9.0%
Maple Grove	26.32	26.06	-1.0%	20.2%	19.9%	10,043,624,100	10,089,589,600	0.5%	44.7%	44.5%
Medina	9.34	9.37	0.3%	7.2%	7.2%	1,680,727,800	1,684,881,900	0.2%	7.5%	7.4%
Plymouth	4.44	4.51	1.6%	3.4%	3.4%	2,671,442,700	2,570,902,100	-3.9%	11.9%	11.3%
Rogers	26.2	26.2	0.0%	20.1%	20.0%	3,339,194,100	3,340,724,100	0.0%	14.9%	14.7%
TOTAL	130.61	130.97				\$22,473,828,400	\$22,692,164,000			

Table 1. Proposed 2025 budget.

Line	Category	2023 Budget	2023 Pre-Audit	2024 Budget	Proposed 2025 Budget
EXPENSES					
GENERAL OPERATING EXPENSES					
1	Administrative	100,000	117,144	100,000	120,000
2	Grant Writing	0	0	3,000	3,000
3	Website	2,000	1,414	2,000	2,000
4	Legal Services	2,000	589	2,000	2,000
5	Audit	6,500	6,800	7,000	7,200
6	Insurance	4,000	3,551	4,000	4,000
7	Meeting Expense	0	1,753	4,800	6,000
	Subtotal General Operating Expenses	\$114,500	\$131,251	\$122,800	\$144,200
TECHNICAL SUPPORT					
8	Tech support - HCEE	20,000	19,684	22,000	25,000
9	General Technical Services	70,000	89,846	75,000	78,000
	Subtotal Technical Support	\$90,000	\$109,530	\$97,000	\$103,000
PROJECT REVIEWS					
10	Technical Reviews	184,000	107,569	184,000	162,000
11	Administrative Support	16,000	16,173	21,250	20,000
	Subtotal Project Reviews	\$200,000	\$123,742	\$205,250	\$182,000
EDUCATION					
12	Education - City/Citizen Programs	2,000	843	2,000	2,000
13	West Metro Water Alliance	11,500	9,000	11,500	11,500
	Subtotal Education	\$13,500	\$9,843	\$13,500	\$13,500
WATERSHED MANAGEMENT PLAN					
14	Plan Amendments	2,000	580	2,000	500
15	Contribution to 4th Generation Plan	12,500	12,500	12,500	0
	Subtotal Watershed Management Plan	\$14,500	\$13,080	\$14,500	\$500
WATER MONITORING PROGRAMS					
	<i>Stream Monitoring</i>				
16	USGS Site Share	24,000	32,400	12,500	21,520
17	TRPD-Routine Monitoring	10,020	10,020	10,020	10,020
18	Biological Monitoring	4,500	0	0	0
19	DO Longitudinal Survey	2,400	0	2,400	2,400
20	Partnership Biomonitoring	2,000	0	0	0
21	Gauging Station - Electric Bill	440	389	480	480
	Subtotal Stream Monitoring	\$43,360	\$42,809	\$25,400	\$34,420
	<i>Lake Monitoring</i>				
22	CAMP	840	0	840	840
	TRPD				
23	Sentinel Lakes + Additional Lake	10,412	10,412	10,412	10,420
24	Aquatic Vegetation Surveys	1,365	1,365	1,365	1,365
	Subtotal Lake Monitoring	\$12,617	\$11,777	\$12,617	\$12,625
	<i>Other Monitoring</i>				
25	Macroinvertebrate Monitoring-River Watch	0	0	3,000	0

Line	Category	2023 Budget	2023 Pre-Audit	2024 Budget	Proposed 2025 Budget
	Subtotal Other Monitoring	\$0	0	3,000	0
	Subtotal Monitoring Expense	\$55,977	\$54,586	\$41,107	\$47,045
TOTAL GEN OPERATING EXP		\$488,477	\$442,032	\$494,067	\$490,245
REVENUE					
GENERAL OPERATING REVENUE					
26	Membership Dues	250,000	250,000	250,000	261,745
27	Interest Income	500	86,477	10,000	25,000
28	Dividend Income	250	0	0	0
29	From Cash Reserves	0	0	0	15,000
30	TRPD Cooperative Agreement	6,500	6,500	6,500	6,500
	Subtotal General Operating Revenue	\$257,250	\$342,977	\$266,500	\$308,245
PROJECT REVIEW REVENUE					
31	Project Review Fees	184,000	139,511	184,000	162,500
32	Nonrefundable Admin	16,000	7,153	21,250	7,500
33	Nonrefundable Tech	17,000	10,905	27,600	12,000
	Subtotal Project Review Revenue	\$217,000	\$157,569	\$232,850	\$182,000
TOTAL GEN OPERATING REVENUE		\$474,250	\$500,546	\$499,350	\$490,245
OPERATING SURPLUS OR (DEFICIT)		(\$14,227)	\$58,514	\$5,283	0

2025 Budget Explanation

Line	Comment
EXPENSES	
1	This line item is to provide administrative support (scheduling, minutes, etc.) for regular Commission and TAC meetings and any other meetings that require support, as well as general administrative duties such as bookkeeping, notices, mailings, and correspondence.
2	The cost of writing grants and doing grant reporting. This separate line item was new in 2024.
3	The annual cost of hosting the Commission’s website and general content updates.
4	The legal cost of reviewing, drafting policies and variances, reviewing contracts and agreements.
5-6	The cost of the required annual financial audit and insurance.
7	The cost of room rental and lunch for the monthly meetings, which has increased when the meetings moved to the Plymouth Community Center.
8	The annual contract cost for education and outreach activities provided by Hennepin County Environment and Energy (HCEE) staff working with landowners to address erosion issues and implement conservation. Public engagement, answering landowner’s general land and water resource management questions, and best management practice (BMP) project development, design, and construction. Proposed to increase from the 2024 contracted amount of \$22,000 to \$25,000.
9	This line item is for general engineering support, including preparation for and attendance at Commission and TAC meetings, general day to day technical and engineering assistance, special projects, the budget and CIP, etc.
10	This line item is for project reviews, review of Local Water Management Plans and Comprehensive Plan amendments and updates, and general inquiries about past and upcoming projects. It is difficult to predict what the expense for a coming year will be, as it is based on the number of project reviews, inquiries, etc. received. The proposed budget is based on an estimated 50 project reviews each year. This expenditure is mostly offset by the project review fees.

Line	Comment
11	This line item is for administrative support of project reviews, including correspondence, tracking, bookkeeping, and invoicing. This expenditure is mostly offset by the project review fees.
12	Ongoing outreach and education costs not undertaken through WMWA.
13	The Commission participates in the West Metro Water Alliance (WMWA), and contributes to funds to support coordinated messaging, workshops, classroom activities, and special projects on a regional basis.
14	The cost of undertaking periodic minor plan amendments, usually to revise the CIP or adjust the development rules and standards. Cost is typically publication costs and staff time to develop the amendment documents.
15	The Commission's 3 rd Generation Plan expires on October 23, 2025. Work on the 4 th Generation Plan has commenced and is expected to be completed in 2025, from funds previously budgeted for this purpose.
16	The Commission jointly funds the operation of the USGS gauging station in Elm Creek Park near Elm Creek Road. This is billed biennially but budgeted annually. The 2025 budget assumes the \$12,500 budget in 2024 will be carried forward to offset the estimated \$34,020 expense.
17-19	The Commission contracts with Three Rivers Park District (TRPD), which provides flow and water quality monitoring at three locations in the watershed. There has been limited biological sampling; the current TMDL review will make recommendations for future sampling. The TRPD contract also includes funding for two longitudinal surveys of dissolved oxygen (DO) in impaired streams, which include taking a sequence of DO readings along points in the stream very early in the morning when DO is at its lowest, from an upstream point to a downstream point of interest. This shows a gradient of DO in the stream.
21	The Commission is responsible for the cost of electricity to the USGS gauging station.
24	Volunteer lake monitoring through the Met Council's Citizen Assisted Monitoring Program (CAMP). One lake is monitored per year.
23-24	The Commission contracts with TRPD to perform water quality monitoring and aquatic vegetation surveys on six lakes per year. The data is summarized in an annual report.
25	Volunteer macroinvertebrate monitoring coordinated by HCEE. The County is reconfiguring the program and we have not been notified whether to budget for this in 2025.
REVENUES	
26	Annual assessments to the member cities to pay the operating expenses of the Commission. Assessments are apportioned based on taxable market value of land within the watershed. Assessments did not increase 2020-2022, went up 5.4% in 2023 and did not increase in 2024. The proposed 2025 apportionment would be a 4.7% increase, compared to the current 3.4% inflation rate.
27	The amount of interest earnings varies based on interest rate and the balance carried by the Commission in its 4M Fund. Even though the interest rate is low, the current balance is substantial.
28	Income received as dividends. In recent years it has not been logged as separate income but has offset the annual insurance costs.
29	Since the Commission currently has a cash reserve in excess of its fund balance policy, it is proposed for 2025 to use some cash reserves to minimize increases in membership dues.
30	The Commission's contract with TRPD includes reimbursement from the Park District to the Commission for the value of services provided.
31	The application fee structure is intended to recover the cost of completing current project reviews. While the fees do not fully fund that activity, they are set and periodically reviewed and adjusted to recover a majority of the cost. It is difficult to predict and budget for project review revenues and fees because it varies based on the economy. This assumes 50 project reviews in 2025.
32	The Commission's project review fee includes a \$250 baseline fee and a nonrefundable fee of 5% of the total review fee to cover the costs of administration.
33	The Commission's project review fee includes a nonrefundable fee of 8% of the total review fee to cover the costs of general technical services.

Table 2. Proposed 2025 member city allocations compared to previous years.

2023	2022 Taxable Market Value	2023 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	807,005,389	3.942	9,854	0.05	505
Corcoran	1,544,836,780	7.546	18,864	0.05	2,539
Dayton	1,644,909,207	8.034	20,086	0.05	4,573
Maple Grove	9,535,464,544	46.575	116,436	0.05	2,581
Medina	1,515,134,760	7.400	18,501	0.05	96
Plymouth	2,517,439,300	12.296	30,740	0.05	1,486
Rogers	2,908,759,834	14.207	35,519	0.05	921
Totals	20,473,549,814	100.000	250,000	0.00%	12,700
2024	2023 Taxable Market Value	2024 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	898,761,000	3.999	9,998	0.01	144
Corcoran	1,808,292,200	8.046	20,116	0.07	1,252
Dayton	2,031,786,500	9.041	22,602	0.13	2,516
Maple Grove	10,043,624,100	44.690	111,726	-0.04	-4,711
Medina	1,680,727,800	7.479	18,697	0.01	195
Plymouth	2,671,442,700	11.887	29,717	-0.03	-1,023
Rogers	3,339,194,100	14.858	37,145	0.05	1,627
Totals	22,473,828,400	100.000	250,000	0.00%	0
2025	2024 Taxable Market Value	2025 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	1,161,197,800	5.117	13,394	0.3397	3,396
Corcoran	1,806,478,300	7.961	20,837	0.0359	721
Dayton	2,038,390,200	8.983	23,512	0.0403	910
Maple Grove	10,089,589,600	44.463	116,379	0.0417	4,654
Medina	1,684,881,900	7.425	19,434	0.0395	738
Plymouth	2,570,902,100	11.329	29,654	-0.0021	-63
Rogers	3,340,724,100	14.722	38,534	0.0374	1,389
Totals	22,692,164,000	100.000	261,745	0.04698	11,745

elm creek Watershed Management Commission

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Rebecca Carlson | rebecca@resilience-resources.com

STAFF REPORT May 1, 2024

- a. 2014-015 Rogers Drive Extension, Rogers.** This project involves improvements along Rogers Drive from Vevea Lane to Brockton Lane. Site plans received July 1, 2014, met the requirements of the Commission with the exception of 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.
- b. 2016-005W Ravinia Wetland Replacement Plan, Corcoran.** In December 2016, the Commission approved Staff's recommendations on this wetland replacement plan. Barr Engineering has been providing monitoring to ensure the replacement meets the performance standards of the approved plans. Annual reports were submitted to the US Army Corps of Engineers (USACE) in February 2019, February 2020, and March 2021. As of March 2021, wetlands and buffers are looking good but will need continued vegetation management in 2021 to get rid of invasive species (mostly cattail). Hydrology is good in both the restoration and creation areas. Cattail and Reed canary grass reemerged during the 2021 growing season and will likely need another year of aggressive maintenance in 2022. The 2021 monitoring report will be submitted to the USACE in March 2022 with recommendations for maintenance. The Commission continues to hold both replacement and monitoring escrows. On January 24, 2024, Staff contacted Joe Waln at Barr Engineering to learn the status of this project. Waln reported that Barr has the monitoring data and draft reports for those three years and he will provide them to the Commission. Karen Wold from Barr attended the April meeting to describe the reports and answer Commission/TAC member questions. *The monitoring escrow has been depleted. Barr will invoice the Commission for their expenses to date which, along with future expenses, will be deducted from the replacement escrow.*
- c. 2017-050W Ernie Mayers Wetland/floodplain violation, Corcoran.** The City of Corcoran contacted the Commission in 2017 concerning drainage complaints on Mayers' property. Technical Evaluation Panels (TEPs) were held to assess the violations and a restoration order was issued to Mayers. In 2018, an appeal of the restoration order was received by the Board of Water and Soil Resources. BWSR placed an order of abeyance (stay) on the appeal, looking for a resolution between the LGU and Mayers. The parties came to an agreement to resolve the violation in 2021. The agreement was signed by BWSR, Corcoran and Mayers. Commission Staff have not been provided with a copy of the agreement and the agreement does not resolve the Commission's floodplain fill issue from the wetland work. Staff sent correspondence to that effect to Mayers on February 1, 2022, requesting an application and site plan. To

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date, no WCA or floodplain compliance actions have been taken by Mayers or the City. Once the Commission is informed by the LGU of how the violations will be resolved, Staff can follow up on the outstanding Elm Creek floodplain issues.

d. 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 (1) submit a SWPPP plan meeting requirements, (2) clarify maintenance responsibilities for the iron enhanced sand filter, and (3) 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 the water quality deficit has been made up.

e. 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 was also an important part of the review. A complete plan was received on April 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 and the Commission. The agreement must be recorded on the land title with a copy of the recorded agreement provided to the Commission.

f. 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 must be approved by the City and the Commission. The agreement must be recorded on the property title. Since the approval, the City has requested the applicant provide abstraction by irrigation only, thus eliminating one filter basin. Staff reviewed the changes and found the updates to be compliant 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. The Commission received a copy of the recorded O&M agreement on November 2, 2021; and (4) erosion and sediment controls must conform to Commission requirements.

g. 2020-033 Weston Woods, Medina. This project would create 150 residential units on a 135-acre undeveloped site, disturbing 49.2 acres and creating 17.49 acres of impervious area. The Commission approved this project at their March 2021 meeting with four contingencies: (1) wetland replacement plans must be approved by the City of Medina (LGU), MN DNR and USACE prior to

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impacts, (2) provide quantification of the change in flood storage capacity for the one-percent annual chance flood event due to the proposed project, (3) provide documentation that changes in flood elevation and loss of floodplain storage have been avoided, minimized, and/or mitigated to the extent practicable. Demonstrate that changes in flood elevation will not cause high water or aggravate flooding on other land and, (4) an O&M agreement for stormwater facilities, including irrigation pumping system components and augmentation wells system, approved by the City and the Commission and recorded within 90-days after final plat approval on the title to this property. A copy of the recorded agreements must be provided to the Commission.

h. 2021-020 Crew Carwash, Maple Grove. This project would reconstruct an existing bank building and parking lot on a 1.80-acre parcel into a carwash. The site is located southwest of the intersection of Weaver Lake Road and Elm Creek Boulevard with access from Grove Drive. The disturbance is 1.52 acres, the existing impervious is 1.07 acres, and the proposed impervious is 1.17 acres. Runoff from this site flows into a regional pond on Arbor Lakes Parkway, which ultimately discharges to Rice Lake. The City has stated that the regional pond meets rate control and water quality treatment for the site. The applicant is proposing to use soil amendments to meet the Commission's volume rules. The Commission approved the project at its June 2021 meeting contingent on a maintenance agreement being filed with the City with terms agreeable to the Commission. The outstanding escrow balance has been received. On August 29, 2023, Asche reported there is no update for this project.

i. 2021-029 TriCare Grocery, Maple Grove. The project will construct a grocery store, retail, and associated parking on approximately 2.5 acres of the 62.7-acre TriCare parcel, located just north of CR 30 and southwest of I-94. The project was reviewed for Rules D and E. Staff issued a denial in 2016 when the regional stormwater BMP project was constructed. On November 10, 2021, the Commission approved this project contingent upon receipt of the escrow balance and the City reconstructing the basin to meet Commission rules and standards per Staff findings dated November 1, 2021. On January 24, 2024, Derek Asche reported that the basin was reconstructed with the Garland Commons project. *The outstanding escrow balance remains unpaid.*

j. 2021-034 BAPS Temple, Medina. This project includes construction of a Hindu Temple, dining hall, gymnasium, parking lot and permanent residency for the temple's priest on a 19.7-acre parcel at 1400 Hamel Road which currently serves as a farmstead with a farmhouse and barns. The project was reviewed for Rules D, E, G, and I and approved at the October 2021 meeting contingent on three conditions outlined in Staff's findings dated October 4, 2021: (1) receipt of the escrow balance, (2) an O&M agreement with the City, and (3) a geotechnical report provided to the Commission. On July 21, 2022, the applicant's engineer stated, "The client is holding on[to] construction documents temporarily; once they give us the go-ahead, we will work to finalize the items, likely by this fall [2022]." On November 3, 2022, the Commission was informed that the applicant has amended the site layout and anticipates construction in 2023.

k. 2022-006 Hamel Townhomes, Medina. The proposed project would construct 30 townhomes with associated sidewalks, roads, and stormwater infrastructure. The project will create 1.76-acres of impervious, 1.54-acres of which is net, new impervious, and triggers Rules D and E. In their findings dated August 2, 2022, Staff recommended approval with two conditions: receipt of an O&M Agree-

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ment acceptable to the City and final escrow determination. The project was approved at the Commission's August meeting. The project is currently on hold and Staff are working with the engineer and owner regarding the escrow. The escrow balance has been invoiced and this project will be removed from the report upon its receipt. Staff have asked the City for help in collecting the outstanding escrow.

I. 2022-011 Arrowhead Drive Turn Lane Expansion, Medina. This project consists of a linear project for the City of Medina and a private site expansion for Open Systems International (OSI). The City will be constructing a stormwater BMP on the OSI site to accommodate rates and water quality from two projects: (1) Arrowhead Drive Turn Lane expansion and the future (2) OSI expansion. The projects are being reviewed as a planned development being treated by the proposed basin. This project received approval at the Commission's May meeting pending three conditions found in Staff findings dated May 2, 2022: (1) final escrow determination, (2) payment of the additional floodplain alteration review fee, and (3) plans for the OSI, Inc. parking expansion being developed. A Commission application for Rule E will be necessary, assuming the stormwater management is consistent with this approval. An erosion control and grading plan for the OSI site should include no more than 1.56 acres of impervious surface and all impervious surfaces must be directed to the proposed stormwater BMP.

m. 2022-017 City Center Drive, Corcoran. This site is approximately 30-acres, adjacent to and east of CR 116. The City is proposing to provide infrastructure and a regional stormwater system for the ultimate development of this area. This plan proposes to grade and construct City Center Drive, 79th Place, CR 116 turn Lanes, the proposed St. Therese Senior housing facility and a linear city park and trail along CR 116. At the June meeting the Commission approved this project with four conditions (1) wetland impacts and replacement plans approved by the LGU. (2) final erosion and sediment control plans meeting the Commission's requirements. (3) post construction drawdown rates of >3" per hour be verified on the filter bench to the NE regional pond and (4) final escrow balance determination, as cited in Staff findings dated May 31, 2022. Items 3 and 4 remain outstanding. On January 24, 2024, Kevin Mattson informed Staff that the regional pond post construction drawdown has not been completed due to nearby construction sequencing activities and is scheduled for summer 2024.

n. 2022-018 Big Woods, Rogers. This site is approximately 72.1 acres, with 61.0 acres being disturbed. The project will create 207 residential lots and include 23.6 acres of impervious surface after development. The Commission review covers Rules D, E, and I. Per Staff findings dated June 1, 2022, the Commission approved this project at the June meeting conditioned on: (1) reconciliation of the escrow fee balance; (2) receipt of a wetland alteration plan approved by the WCA LGU [the City]; and (3) approval by the City of the O&M plan with what is shown on the plan sheets (888.50). Update report and tables if necessary to be consistent with HydroCAD results; (4) provide Notice of Decision forms from BWSR for Wetlands 2, 4, and 5 to confirm that wetland mitigation measures are not needed and that the wetlands are incidental; and (5) submit finalized construction plans prior to construction of the proposed buildings and parking lots. Plans will be needed to confirm that the site does not exceed the proposed impervious surface area (8.77 acres) and that the impervious surfaces are routed to the proposed stormwater improvements. On January 31, 2024, Andrew Simmons reported that this project is still on-going.

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o. 2022-022 Cook Lake Highlands, Corcoran/Maple Grove. This is a 53.58-acre development comprised of four existing parcels in both cities. The western parcel in Corcoran totaling 27.3 acres is under consideration for this review. The adjacent Cook Lake Edgewater, 2021-031, was approved in October 2021. The site is located along the north side of CR 10 (Bass Lake Road) just west of the CR 101 crossing and southwest of Cook Lake. The applicant is proposing to create a detached residential rental community with 59 units creating 10.4 acres of new impervious areas in Maple Grove and 8.1 acres of new impervious in Corcoran (a total of 18.5 acres). The applicant reports incorporation of some impervious that is planned for the future acres of new impervious areas in Maple Grove, 8.1 acres of new impervious in Corcoran, (totaling 18.5 acres), as well as for the future expansion of CR 10. This phase of the project will disturb 18.6 acres. A stormwater pond with bio-filtration bench and a smaller filtration basin are proposed for the Corcoran portion of the site. At the June meeting the Commission granted approval of the six conditions cited in Staff's June 1, 2022, findings: (1) reconciliation of escrow fees; (2) adequate wetland buffer monumentation; (3) raising the low floor elevations of structure to meet Commission requirements; (4) providing turbidity barriers at inlets to Cook Lake during construction until site is stabilized; (5) meet outstanding City requirements - maintains a drainage and utility easement for existing and proposed on-site wetlands; and (6) providing a Stormwater Maintenance Agreement acceptable to the City and the Commission within 90 days after the plat is recorded. On January 24, 2024, Derek Asche reported that the Maple Grove portion of this project is nearly completed. Kevin Mattson responded that the City of Corcoran waived its authority and this project was permitted by Maple Grove. He also provided a copy of the Stormwater Maintenance Agreement.

p 2022-028 Elsie Stephens Park, Dayton. This is existing park property (~20 acres) located about a mile north of the junction of County Roads 144 (N. Diamond Lake Road) and 12 (Dayton River Road). The project proposes to construct two entrance roads off CR 12, 1,300 feet of park roadways with a parking area and loop road, and a trail system to connect existing and future trails. Site revisions received July 5, 2022, were reviewed by the Commission at their July 2022 meeting. Staff recommended approval in their findings dated July 6, 2022, contingent upon: (1) pre- and post-construction soil analysis on each infiltration basin to determine that infiltration rates meet or exceed design assumptions; (2) erosion and sediment control meeting the Commission's requirements and approved by Staff; and (3) escrow fee reconciliation. On August 30, 2023, the Commission was advised that the post-construction tests are still being coordinated; item (2) is completed; and the fee will be reconciled once the test results are received. Staff has received and reviewed the infiltration test results. The results show that the basins meet the design infiltration rates; therefore, conditions (1) and (2) have been satisfied. The escrow balance will be reconciled and an invoice/refund issued .

q. 2022-040 Karineimi Meadows, Corcoran. This 125-acre parcel in the southeast quadrant of the CR 10 and 19 intersection is proposed to be subdivided into ten large single family residential lots. The project will consist of constructing Chaparral Lane south of CR 10 with its associated drainage and stormwater basins into the site. Lot grading improvements will be customized and occur as the homes are built. The applicant extended the 15.99 deadline to February 8, 2023. Revised information and a recommendation for approval was provided to the Commission at their December 2022 meeting. The Commission approved this project contingent upon the following: (1)

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Ponds 3 and 4 filter volume drawdown rates must be designed for a 1.0"/hour drawdown rate, or if the existing rate of 1.8"/hour is used, the 48-hour drawdown must be field-verified after construction; (2) an approved and recorded O&M agreement for the stormwater ponds must be recorded on the property; (3) the escrow balance must be reconciled; and (4) the Commission recommends the City of Corcoran follow the Commission's recommended livestock management policy. Construction was to begin spring/summer 2023. Condition 1 will be verified by the applicant post-construction. On January 24, 2024, Kevin Mattson stated he will follow up on the status of the pond drawdown. He also provided a copy of the O&M agreement.

r. 2022-043 Meander Park and Boardwalk, Medina. This project is a proposed commercial planned unit development located on the north side of Highway 55, 900 feet east of Arrowhead Drive on Lake Medina. Wetland surrounds the 18-acre site on the west and south, leaving approximately 7 acres of developable land. The project will disturb 6.3 acres of the site, resulting in a 4.0-acre increase in impervious surface. The project triggers Rules D, E, F, G and I. In their November 2, 2022, findings Staff recommended approval contingent upon (1) escrow fee reconciliation; (2) an O&M plan approved by the City, (3) addition of Emergency Overflows (EOFs) to the grading plan for basins East Filtration and the North Retention Basin. The low floor elevations must be at least one foot above the (EOF) for the stormwater pond. Secondary outlet devices potentially modeled as EOFs are reported as 987.27 for the North Retention Basin and 993.0, the elevation of the roadway, for the East Filtration Basin, (4) jurisdictional determination for LGU WCA replacement or exemption is necessary. LGU and WCA approval prior to any wetland impacts if required by LGU, and (5) addition of approved wetland monument signs to the plan set. These conditions were approved at the November 9, 2022, meeting.

s. 2023-01 Chankahda Trail Reconstruction Phase 2, Plymouth. Hennepin County and the City of Plymouth are proposing to reconstruct approximately four miles of Chankahda Trail over Peony Lane/Maple Grove Parkway to roughly 100 feet east of Vicksburg Lane. This project triggers Commission Rules D, E and F. This project was approved with two conditions at the Commission's April meeting: (1) final application escrow fee balance and (2) receipt of an updated compensatory storage plan that is separated from groundwater and hydraulically connected to the floodplain. On January 23, 2024, Ben Scharenbroich reported that City staff and the Commission's engineer are working on an agreement regarding the compensatory storage plan. When an agreement is reached the escrow will be reconciled and this item will be removed from the report.

t. 2023-009 Magnifi Financials, Maple Grove. This project consists of the construction of a building with split-use between a coffee shop and bank with associated parking and utilities. The project will disturb 2.15 acres and result in a decrease in hardcover for the lot. The project triggers Commission Rules D and E. Staff's findings dated June 2, 2023, were approved at the June meeting with three conditions: (1) fee reconciliation; (2) receipt of the O&M agreement; and (3) provision of the OCS 104 details and plans. On August 29, 2023, the City asked the Applicant to follow up on condition 3. On January 24, 2024, Derek Asche reported that this project is still in progress.

u. 2023-010 New Fire Station, Rogers. The City of Rogers is planning to construct a new fire station facility, Fire Station 2, at 141st Avenue North. The proposed site includes a new building, parking lots, sidewalks, an access road tying into Northdale Boulevard, and driveways. The project triggers Commission Rules D and E. In their findings dated September 1, 2023, Staff recommended approval conditioned on:

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(1) escrow reconciliation and (2) receipt of an Operation and Maintenance Plan approved by the City. The Commission approved the project with these conditions at their September 13, 2023, meeting. On January 31, 2024, Andrew Simmons reported that this project is in construction phase. The escrow balance was reconciled and an invoice issued.

v. 2023-011 Sundance Greens 9th Addition, Dayton. The project disturbs 10.6 acres increasing impervious by 2.8 acres for single-family homes. The project relies on existing stormwater approved for previous Sundance Greens Additions and is only an erosion control review request. Staff provided a Staff-level approval for grading the week of the July Commission meeting where approval of this project was tabled. Staff's updated findings dated August 1, 2023, granted approval pending (1) escrow reconciliation and (2) receipt of an Operation and Maintenance Plan acceptable to the City and the Commission within 90 days of plat recordation. On February 6, 2024, Jason Quisberg reported that this project is complete and no O&M agreement is needed since all BMPs are public. *The outstanding escrow balance remains unpaid.*

w. 2023-013 River Valley Church, Maple Grove. This project consists of the construction of a single building, bituminous parking lot, stormwater basin, and other associated site improvements on an undeveloped lot located at the southwest corner of Arbor Ridge Parkway and 101st Avenue North. The project triggers the Commission Rules D and E. This item has been reviewed and a finding of facts memo dated June 30, 2023, was approved at the July Commission meeting with two standard conditions. The O&M condition has been met. Only the outstanding fee remains uncollected. On January 24, 2024, Derek Asche reported that construction on this project has not yet started. *The outstanding escrow balance has been collected. This project will be removed from the report.*

x. 2023-015 South Fork Rush Creek Restoration at Evanswood, Maple Grove. This is a 5,500 lineal foot restoration of the South Fork of Rush Creek beginning 100 feet downstream (north) of 101st Street Avenue North Bridge. The project incorporates restoration and stabilization techniques and includes construction of a minimal impact pedestrian bridge. The project disturbs 14.7 acres and proposes no impervious outside the pedestrian bridge (a linear project, the proposed bridge impervious is less than 1 acre and does not trigger stormwater requirements). The project triggers rules E, F and H. The project was reviewed by Staff who recommended approval with three conditions - the standard fee/escrow condition and two conditions related to the LOMR filing with as-built conditions and the second DNR permit required for work in public waters associated with the pedestrian bridge. On January 24, 2024, Derek Asche reported that this project is under construction.

y. 2023-020 Dunkirk Square, Maple Grove. This project consists of a proposed redevelopment that will disturb 1.53 acres of existing retail parking lot on a portion of Dunkirk Square at the southeast intersection of Maple Grove Parkway and 94th Avenue. The project will redevelop retail parking into a new parking area and a Popeye's Restaurant, triggering Commission Rules D and E. Findings dated September 1, 2023, included Staff's recommendation for approval conditioned on (1) escrow reconciliation, (2) provision of details for orifices and weirs for underground detention, and (3) provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission. The Commission approved Staff findings with those conditions at its September meeting. On Janu-

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ary 24, 2024, Derek Asche reported that construction on this project has not yet started.

z. 2023-022 Shores of Sylvan Lake, Rogers. This project consists of the redevelopment of an existing farmstead into five (5) large lots on Sylvan Lake. The project triggers Commission rules D, E and I. This item has been reviewed by Staff and a finding of fact memo dated October 3, 2023, was included in the October Commission packet. This item was approved at the October meeting with two conditions: (1) escrow reconciliation and (2) provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission. On January 31, 2024, Andrew Simmons reported that this project will likely begin in the spring and that the plat has not yet been recorded.

aa. 2023-023 NORSQ, Maple Grove. This project consists of a 23.2-acre development on a 78.9-acre property located on Garland Lane, east of Lawndale Lane and north of 95th Avenue North. The proposed development consists of an apartment building, a commercial building, and townhomes. Along with the buildings, there will be amenities and associated street and utility infrastructure. The project triggers Rules D, E, F, G, H, and I. Findings dated October 31, 2023, included Staff's recommendation for approval conditioned on (1) escrow reconciliation, (2) provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission. This project was approved at the November meeting with those conditions. On January 24, 2024, Derek Asche reported that this project is under construction. The City is awaiting final ownership for the BMP maintenance agreement.

ab. 2023-025 Rogers Mixed-Use Improvements, Rogers. The applicant is redeveloping a 1.94-acre parcel, triggering Commission Rules D and E. The proposed development is located at the northwest corner of main street (CR 150) and Church Avenue and is bordered by John Deere Lane on the North and the Burlington Northern Railroad on the southwest. The parcel lies in the watershed draining north to the Crow River. The developer is proposing a mixed-use development to replace the existing industrial/commercial land use consisting of both consolidated and unconsolidated bituminous parking with buildings. In addition to eliminating the unconsolidated bituminous parking (which can reduce sediment loads downstream significantly), the applicant proposes increasing pervious area by 7,841 square feet (0.18 acres). The project includes sub-surface stormwater facilities and a commercial filtration system to achieve Commission requirements. There are contaminated soils on site. The MPCA has reviewed and approved the applicant's construction plans to mitigate contamination exposure during construction. In their findings dated November 21, 2023, Staff recommend approval of this project with the standard escrow and stormwater maintenance agreement conditions. This project was approved at the December meeting with those conditions. On January 31, 2024, Andrew Simmons reported that this project is on hold pending funding concerns.

ac. 2023-028 Rush Creek Hollow, Maple Grove. The project proposes a 3.8-acre development of residential single-family properties with seven new lots and approximately 500 linear feet of new street with bituminous pavement, curb and gutter. The project is located at 18001 101st Avenue North and triggers Rules D, E and I. It was approved at the February Commission meeting conditioned on escrow reconciliation.

ad. 2023-029 Dayton Field 4th Addition, Dayton. This 15.05-acre site is located southwest of the intersection of West French Lake Road and 121st Avenue North. Currently the land is a combination of wetlands, agricultural land and wooded areas draining to French Lake. The applicant proposes construc

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tion of two office warehouses (38,200 and 40,200 square feet, respectively) with associated driveways, parking and stormwater management facilities, triggering Rules D, E, G and I. The proposed project disturbs 10.5 acres, creating 5.639 acres of new impervious. The parcels drains a total of 55.5 acres, primarily to the northeast to French Lake and then Diamond Creek. Three biofiltration ponds with iron enhanced sand filters provide for rate control, water quality, and filtration volumes over the D soils site. In their findings dated December 5, 2023, Staff recommended approval of this project with the standard escrow and stormwater maintenance agreement conditions. This project was approved at the December meeting with those conditions. On February 6, 2024, Jason Quisberg reported that City approvals are nearly final. Construction is expected to begin this spring. Stormwater maintenance agreements (multiple owners) are being coordinated.

ae. 2023-030 Woodland Hills of Corcoran. This 17.4-acre site is located northeast of the intersection of CSAH 116 and Hackamore Road. The applicant proposes establishing two temporary stockpiles on the site and associated erosion control to stabilize the piles on the site. The proposed project disturbs 3.4 acres creating no new impervious. The existing land use is agricultural, wetlands and a homestead. A complete application was received December 5, 2023. Staff issued a grading permit January 4, 2024, with the standard escrow payment condition, and a request for wetland delineation documentation on site.

af. 2024-001 Saddle Ridge Development, Rogers. This 40.3-acre site is located on Saddle Ridge Drive, east of Sidney Way. The proposed project involves extending Saddle Ridge Drive to accommodate the development of nine (9) houses. Just under one acre of net impervious surface increase is proposed and 7 acres of impervious surface will be reconstructed. The project triggers Rules D, E, F, and I. *This project was approved at the March Commission meeting with standard conditions. The escrow balance will be reconciled and a refund/invoice issued.*

ag. 2024-002 The Meadows Park, Plymouth. The project area is located at 5805 Peony Lane on a 21.89-acre site and will disturb 11.61 acres. The proposed project will provide pedestrian trails and sidewalk, recreation fields, tennis and sport courts, an ice hockey rink, a parking area, supporting utilities, and two additional stormwater management basins while expanding an existing biofiltration basin. The project will result in a net increase in impervious area of 2.48 acres. The project triggers Rules D, E, and I. This project was approved at the March Commission meeting with the conditions of escrow reconciliation and wetland buffer signage.

ah. 2024-003 Rogers Apartments, Rogers. The project area is located along Commerce Boulevard on a 1.9-acre site and will disturb 2.2 acres on the project parcel and an adjacent project parcel under the same ownership to the north. The proposed project will construct two multi-unit townhouse buildings with parking and landscaping. The project triggers Rules D, E, and I. Review of the project has commenced and initial comments have been sent to the applicant.

ai. 2024-004 Dayton River Road Turn Lane Improvements, Dayton. 2022 improvements at Elsie Stevens Park resulted in significant additional traffic to the park. This necessitates improving the turn lanes on Diamond Lake Road into the park for safety. Considered as part of a common plan project, the 0.33 acres of proposed impervious are treated by bio-filtration basins. The project includes turn lane improvements, stormwater management, and extension of a cattle crossing and associated trail work. The project was reviewed for Rules D and E following a complete submittal received February

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20, 2024. Staff recommends approval with escrow resolution and submittal of final plans (the 90% plan set was received/reviewed).

aj. 2024-005 Rush Hollow North, Maple Grove. The project is located on a 9.0-acre site and will disturb 10.6 acres. The proposed project will construct 25 single-family homes, associated driveways, utilities, and streets. Off-site grading and future trails will be completed by others. The project triggers Rules D and E. A finding of facts memo dated March 29, 2024, was included in the April packet. *This project was approved at the April Commission meeting conditioned on escrow reconciliation and updated notes stating soil decompaction and off-site grading approval.*

ak. 2024-007 Eagle Brook Church, Plymouth. The project is a development of an existing parcel with a proposed 64,000 square foot building with parking, cul-de-sac, park, associated trail, utilities and storm water treatment. The existing parcel is 55.96-acres and there is 25.71-acres of proposed disturbance. The existing site currently consists of an existing farmstead and outbuildings, associated driveways and public improvements. The site is located on the northwest quadrant of Maple Grove Parkway and Chankahda Trail. The project triggers Rules D, E, and I. A finding of facts memo dated April 3, 2024, was included in the April packet. *This project was approved at the April Commission meeting with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.*

al. 2024-008 Rogers High School Stadium, Rogers. The site is located on Rogers High School property in the northeast corner of the James Road and 141st Avenue North intersection. The proposed project includes a new concessions building, ticketing building, shot-put throwing areas, and trails on a 3.54-acre site. The project triggers Rules D and E. A finding of facts memo dated April 3, 2024, was included in the April packet. *This project was approved at the April Commission meeting with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.*

am. 2024-009 Heritage Christian Academy, Maple Grove. *The site is located at 15655 Bass Lake Road, west of the Bass Lake Road and Vicksburg Lane intersection and east of Nottingham Parkway. The proposed project consists of an expansion of the existing Heritage Christian Academy parking lot and a building addition. The project will disturb 3.0-acres of the 14.2-acre site. Site improvements include mass grading, construction of a building addition, construction of a parking lot addition, concrete sidewalk, curb and gutter, underground storage chamber, erosion control, and landscaping. The project triggers Rules D and E. A finding of facts memo dated April 30, 2024, is included in the May packet for Commission approval with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.*

an. 2024-010 Corcoran Storage II, Corcoran. *This is a 4.87-acre site located at 23730 State Highway 55. The parcel is on the north side of the highway west of CR 19. It is located at the very edge of the Elm Creek Watershed border with the Pioneer Sarah Creek Watershed border on the west and south edges of the parcel. The project appears to drain locally to the north and northwest to a small ditch, and then to a creek which drains south to the Pioneer Sarah WMO. The applicant proposes construction of a self-storage facility on the currently agricultural parcel. Existing site impervious is 0.12 acres, 2.73 acres of total impervious is proposed post project. The proposed project will disturb most of the parcel (4.8 acres of 4.87 acres). In their findings dated April 24, 2024, Staff are recom-*

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

mending approval with standard conditions.

ao. 2024-011 Jaeger Jordan Ditch Stabilization Dayton. *This 5.96-acre site straddles two adjacent private parcels but is located primarily at 16630 Dayton River Road northwest of Vicksburg Lane. Both parcels drain to the Mississippi River. The applicant proposes stabilizing a ditch which is not a public water that drains to the Mississippi River with bank toe stabilization and grade control structures using rip rap. The project, which includes limited tree clearing to facilitate the work, disturbs 0.66 acres. It will reduce existing sediment loading due to erosion in the ditch and reduce impacts of a recently upsized culvert under Dayton River Road which drains to the ditch. The project adds no new or reconstructed impervious. In their findings dated April 24, 2024, Staff are recommending approval with standard stipulations.*

ap. 2024-012 Dayton Interchange. *This project is located at 17600 Territorial Road in Dayton, at the intersection of Holly Lane and Dayton Parkway. The site is situated at the northern edge of the Rush Creek subwatershed, just inside its edge with the Diamond Creek subwatershed. The parcel is between CR 81 and I94 east of Dayton Parkway directly south of French Lake. The applicant proposes converting the existing site, which has been used for parking and currently houses a cell tower and stormwater pond, to an industrial development containing one 132,100 square foot building and associated parking, access, stormwater and parking. The proposed project disturbs 9.36 acres resulting in 7.24 acres of impervious area post project, a reduction from the existing 8.32 acres of impervious (net reduction of 1.1 acres of impervious). In their findings dated April 24, 2024. Staff recommend conditional approval of the project with the standard stipulations.*

aq. 2024-013

ar. 2024-014 Schmidt Woods Park, Plymouth. *The site is located north of MN State Highway 55 and west of Interstate 494. Local streets bordering the park include railroad right-of-way to the north, Garland Lane to the east, private property to the west and south, and 47th Avenue North to the south. The proposed project consists of the reconstruction of linear reconstruction of an abandoned cul-du-sac into public trail, playground, and picnic areas with corresponding utilities and vegetation. The project triggers the Commission's rules E and I. A preliminary review of the project has been completed, but a finding of fact memo is not ready for the packet as the initial submittal was received after the deadline.*

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HENNEPIN COUNTY

MINNESOTA

DATE: May 1, 2024

TO: Elm Creek Watershed Management Commission (ECWMC)

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

RE: May ECWMC Updates

Project Updates

Bottema Wetland Restoration (Corcoran)

The design team, consisting of county staff and two engineers at Houston Engineering, continue to work on designs for the wetland outlets that were damaged in the severe rains that occurred last fall before vegetation had established. The project is still on pace for summer implementation.

Van Asten Cover Crops (Dayton)

Hennepin County is currently in the contracting phase for the Soil Health Incentive program to establish an approved warm season cover crop mix. Using Hennepin County Soil Health Incentive Program funds, the cover crop mix will be planted no earlier than June 1.

Christian Settling Basin (Dayton)

Comment period has expired with no major comments on impact to wetland. Project is now in the contracting phase between county and landowner. Discussions with contractor have confirmed the established scope, budget, and timeline. Installation is on-track for late May or early June.

Stotts 1A/1B/Top of Hill Waterway (Corcoran)

1A and Top of Hill Waterway repairs require a new contract and are now in the contracting phase to establish budget and timeline. 1B designs are dependent on neighbor feedback on WASCOD placement. Once confirmed, that project will move into its own contracting phase.



HENNEPIN COUNTY

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Project Funding Table: Projects completed and in design which are anticipated to utilize Elm Creek Watershed Management Commission (ECWMC) funds. Amounts in 'Funding Sources' columns include costs invoiced and encumbered. Funding sources may be from a federal agency (Natural Resources Conservation Service, or NRCS), state agency (Watershed-based implementation fund (WBIF) or another grant), or local entity (ECWMC Capital Improvement Program (CIP), Hennepin County, or from the landowner).

Receiving Water(s)	Project Name	Best Mngt. Practice(s) (BMP)	Status	BMP Benefits		Cost		Cost effectiveness *		Funding Sources					
				TP (lbs/yr)	TSS (tons/yr)	Project Dev / Design	Install	\$/lb-TP/yr	\$/ton-TSS/yr	NRCS	Grant **	WBIF	CIP	Henn. Co.	Land-owner
Rush Creek	Cain Fencing	Pasture Mngt.	Installed and Complete (2022)	6.63	-	\$6,419.86	\$14,180.50	\$213.88	-	-	\$7,799.28	-	\$3,545.13	\$1,418.05	\$1,418.05
	Mattila Phase 1	Barn Gutters and Waterers	Installed and Complete (2022)	17.29	-	\$4,279.91	\$33,225.00	\$192.16	-	-	\$24,918.75	-	\$4,983.75	-	\$3,322.50
	Mattila Phase 2	Manure Bunker	Installed and Complete (2023)	4.8	-	\$6,419.86	\$57,675	\$1,141.67	-	-	-	\$31,721.25	\$14,418.75	\$5,767.50	\$5,767.50
	Stotts Phase 1A	Grassed Waterways	Substantially Installed	79.44	39.72	\$8,559.82	\$120,000	\$151.05	\$302.11	-	\$74,940	-	\$14,988	-	\$9,992
	Stotts WASC0B & Waterway	WASC0B & Grassed Waterway	Installed and Complete (2021)	7.5	7.5	\$4,279.91	\$32,704.80	\$436.06	\$436.06	-	\$17,987.64	-	\$8,176.20	\$3,270.48	\$3,720.48
	Vehrenkamp WASC0B	WASC0B	Prelim. design complete	TBD ±	TBD	\$8,559.82	\$20,600	TBD	TBD	-	-	\$9,270	\$5,150	\$2,060	\$2,060
	Bottema Restorations	Wetland and Prairie Restoration	Installed	14.2	-	-	\$124,000	\$932.86	-	-	-	\$68,200	\$31,000	\$6,200	\$18,600
	Stotts Phase 1B	Grassed Waterways, Wetland Restoration	In design	TBD ±	TBD	\$4,279.91	TBD	TBD	TBD	-	-	TBD	TBD	TBD	TBD
Diamond Creek, Diamond Lake	Welcome Ranch Manure Bunker/	Manure Bunker, Fencing, HUAP, Barn Drainage	Design	TBD	TBD	-	TBD	TBD	TBD	TBD		TBD	TBD	TBD	TBD
	Van Asten Manure Bunker	Manure Bunker	Cost-Benefit Analysis	TBD	TBD	\$6,419.86	\$36,900				-	\$20,295	\$9,225	\$3,690	\$3,690
	Christian Settling Basin	Sediment Settling Basin	Wetland Delineation	7.89	8.38	TBD	\$11,777	\$171.66	\$161.62		-	\$6,477.35	\$2,944.25	\$1,177	\$1,177
								Total Encumbered:				\$129,486.25	\$91,486.83	\$22,406.03	\$48,120.53
								ECWMC Funding:				\$175,000	\$100,000	-	-
								Remaining:				\$45,513.75	\$8,513.18	-	-

* Cost effectiveness is annualized over the practice life cycle, which considers the cost (install + maintenance) and benefit over the lifetime of the practice, typically 10-20 years.

** Stotts Phase 1A was completed in 2022 using the Rush Creek Headwaters Clean Water Fund Projects and Practices grant.

± TBD = To Be Determined. Projects in early design phases may not have installation costs or water quality benefits estimated yet.

Bold and Italicized text indicates projects that have encumbered funds but have not been reimbursed or invoiced.

Highlighted text indicates change from last month's report

HENNEPIN COUNTY

MINNESOTA

Other Hennepin County Programming

Support reuse and small businesses during the Salvage Crawl



This May, participate in Hennepin County's [Salvage Crawl](#) and get to know home improvement thrift stores in the Twin Cities. These retailers offer a wide variety of building materials, hardware, tools, and other home improvement items. From old growth lumber to vintage light fixtures and everything in between, you'll be sure to find both inspiration and quality materials for your next project.

How to participate

Visit participating salvage retailers from May 1 to 31 and check in using the QR code on the Hennepin County Salvage Crawl poster near the checkout counter to be entered into a drawing to win one of five prizes. Find a list of retailers, interactive map, and description of prizes at hennepin.us/salvage.

Building reuse grants

Hennepin County has funding available for projects that reuse and recycle building materials in the removal, alteration, or renovation of a building.

- [Grants for homeowners](#): During your next home project, consider deconstruction instead of demolition. You'll help keep salvageable materials out of landfills, and you may receive a grant of up to \$5,000.
- [Grants for property developers](#): Think green when it's time to redo your buildings. Grants of up to \$10,000 are available for property owners and developers who choose deconstruction versus demolition.

- [Used building material grants](#): Want to add true character or retro flair to your home remodel? Choose a salvaged treasure instead of buying new and you may be eligible for a grant of up to \$5,000.
- [Structural move grants](#): By physically relocating a building, you can avoid demolition and preserve the structure’s cultural and historical integrity.

The Salvage Crawl and the Building Reuse Grants are a part of the county’s efforts to increase the reuse and recycling of construction and demolition waste, one of the [highest impact zero-waste actions](#).

2024 household hazardous waste collection events



Hennepin County is holding four [community collection events in 2024](#) to give residents more convenient, local disposal options for unwanted garden and household hazardous wastes.

Events will take place Friday and Saturday from 9 a.m. to 3 p.m. on the following dates:

- May 3 and 4 at Minnetonka Public Works
- June 21 and 22 at Sullivan STEAM School in Minneapolis
- August 9 and 10 at Jenny Lind Elementary School in Minneapolis
- September 20 and 21 at the Hennepin County Public Works Orono Shop

Before you go, check [safety guidelines and the list of acceptable materials](#).

Backyard composting workshops

Learn how to recycle your food scraps and yard waste into compost – right in your own backyard – at an upcoming free online webinar or in-person workshop.

- Tuesday, April 30 from 7 to 8 p.m. Virtual on Zoom. [Register](#).
- Monday, May 6 from noon to 1 p.m. Virtual on Zoom. [Register](#).
- Saturday, May 18 from 10 to 11 a.m. In person at the Hopkins Library. [Register](#).

HENNEPIN COUNTY

MINNESOTA

DATE: May 1, 2024

TO: Elm Creek Watershed Management Commission

FROM: Karen Galles, Kris Guentzel, and Kevin Ellis; Hennepin County Department of Environment and Energy

RE: REQUESTED COMMISSION ACTION, Letter of Support for grant proposal “Planning for long-term natural resource protection”

LCCMR Proposal “Planning for long-term natural resource protection”

Protecting and connecting the last-best natural areas within Hennepin County is a vision that has long been shared by Hennepin County, Three Rivers Park District and its natural resource partners like the Elm Creek Watershed Management Commission and its member communities. The data and tools to accomplish this however are difficult to access, have become outdated, and are not easily understood and applied by those who are routinely making and influencing land use decisions and investments.

This proposal is part of a multi-phase partner coalition aimed at better facilitating collaboration and enhancing vital natural resource networks across the county. (See more about the long-term goals of this coalition below.) The proposal will develop better interactive mapping tools, a centralized clearinghouse for natural resources data and best practices and provide technical assistance from trusted partners that is more readily available and tailored to local needs.

Crucially to the Elm Creek Watershed Management Commission’s purpose and future objectives, the project will help the commission, its member cities, and county staff evaluate and prioritize opportunities to work with communities and developers to find opportunities to go above and beyond commission requirements to improve water quality and protect and restore natural resources. Identification of these opportunities has become an important theme in county and commission cooperative agreements over the last several years as we seek to align goals and actions to eliminate water quality impairments and make progress toward TMDL goals. Knowing where these opportunities exist (e.g. projects from subwatershed assessments) and influencing projects has become increasingly important as our region has started to experience the impacts of climate change. Building climate resiliency into new construction and redevelopment, when possible, will insulate water quality improvements from the effect of changing precipitation patterns. It will also help protect public infrastructure from the impacts of climate change and mitigate current and future flooding.

Natural Resources Partner Coalition Long-Term Goals and Objectives

Hennepin County and Three Rivers Park District are building a coalition of partners to elevate the role of natural systems in ensuring that Hennepin County remains resilient, healthy, and thriving as rainfall



patterns become more extreme in a changing climate. Coalition partners will include cities, park districts, watersheds, nonprofit organizations, and private developers. Advancing a unified and deliberate countywide vision for protecting, restoring, and managing natural resources will contribute to a sustainable and healthy community that supports well-being, housing, economic prosperity, and engaged communities.

The Coalition will:

- Improve data to be ready for the 2050 comprehensive plan cycle, which will set land use, transportation, housing, parks, and water resources policy for the next few decades.
- Create a countywide natural resources priority and opportunity map that is informed by local knowledge and data, not limited by jurisdictional boundaries, and reflects the interconnectedness and complexities of natural communities and waterways.
- Build a collaboration framework that identifies how each partner can remain dedicated to their jurisdictional role while identifying opportunities and potential partners for broader impact.
- Develop tools that are readily accessible and easy to understand when opportunities and challenges arise.
- Share resources and expertise to help partners integrate the map, data, and tools into day-to-day operations and decision making
- Practice bold and courageous leadership in advocating for changes to policies and priorities that center the full value of natural systems

Upcoming Opportunities to Engage

County and Park District staff are hosting an interactive workshop for planning and natural resources staff. The workshop will begin the process of expanding the Coalition and will gather local knowledge and data that will inform the countywide priority and opportunity map. Staff from several ECWMC member communities received invitations. Space is limited but reach out to Karen Galles (Karen.Galles@hennepin.us) if you are interested in attending. Additional opportunities to provide input will also be available over the next several months. County staff will provide routine updates on the activities of the Natural Resources Partner Coalition in the monthly staff report, and Coalition representatives are available to provide periodic updates to the Commission or the TAC if desired.

Commission Action Request: County and Park District staff are requesting a Letter of Support for the grant proposal to the Legislative Citizens Commission on Minnesota's Resources (LCCMR). A suggested template has been provided along with a 2-pager describing the grant proposal.

Note that a Letter of Support does not imply financial commitment or a commitment of any other kind on the part of the commission.

Planning for long-term natural resource protection

Hennepin County Natural Resources Partner Coalition

Project description

Protecting and connecting the last, best natural areas within Hennepin County is a vision shared by cities, agencies, nonprofit organizations, developers, and property owners. However, the necessary data and tools to do so are difficult to access, outdated, and not easily understood and applied.

The 2050 comprehensive plan cycle will set land use, transportation, housing, parks, water resources, and similar policy for the next few decades. This leaves a small window of opportunity to address these gaps by developing better interactive mapping tools, a centralized clearinghouse for natural resources data and best practices, and technical assistance that is more readily available and guided by local input and trusted partnerships. Developing these tools and resources will:

- Establish a unified and deliberate countywide vision for protecting, restoring, and managing natural resources.
- Improve prioritization of natural resources protection, data-driven collaborative planning, and decision-making.
- Increase resiliency to climate change, improve water quality, and protect critical habitat.
- Increase the preservation of and connection to natural areas for all residents.

Project timeline

This work is part of a multi-phase partnership initiative aimed to better facilitate collaboration and enhance vital natural resources networks across the county. Partners are committed to this project, but funding is needed to support the critical work of phase 2.

Phase 1: Identify priorities and opportunities

2024 – 2025

Activity: Create a countywide natural resources priority and opportunity map informed by local knowledge and data

Funding: \$100,000 from local partners

Phase 2: Develop tools, share resources, offer training

2025 – 2027

Activities:

1. Develop interactive map
2. Create centralized clearinghouse to share data, best practices, and guiding documents
3. Offer training and support partners to integrate map, data, and best practices into everyday operations

Funding

- \$250,000 requested from LCCMR 2025 RFP
- \$100,000 anticipated match from local partners

Phase 3: Manage and support data, resources and collaboration

2027 and beyond

Activities:

- Implement iterative data management process and make mapping updates
- Raise awareness of tools and support
- Continue training and coalition building

Funding: To be determined

Location

This project will collaborate with partners throughout Hennepin County.



Applicant

Hennepin County

Primary contact

Kristine Maurer
Land and Water Supervisor
612-235-1251
kristine.maurer@hennepin.us

Lead project partners

Three Rivers Park District
University of Minnesota

Funding

Requested LCCMR funding:
\$250,000

Anticipated local match:
\$100,000

Total project cost:
\$350,000

Planning for long-term natural resource protection

Protecting and connecting the last, best natural areas within Hennepin County

Project activities

Develop interactive map

Through surveys and workshops, partners will collaborate with local jurisdictions to identify and collate existing data and knowledge. In addition, the interactive map will combine many established datasets. Potential data includes:

Important habitat

(including priority corridors, biodiversity significance, native plant communities, and high quality wildlife habitat)

Climate equity

(including areas of environmental justice concern and the Nature Conservancy's ecosystem resiliency dataset)

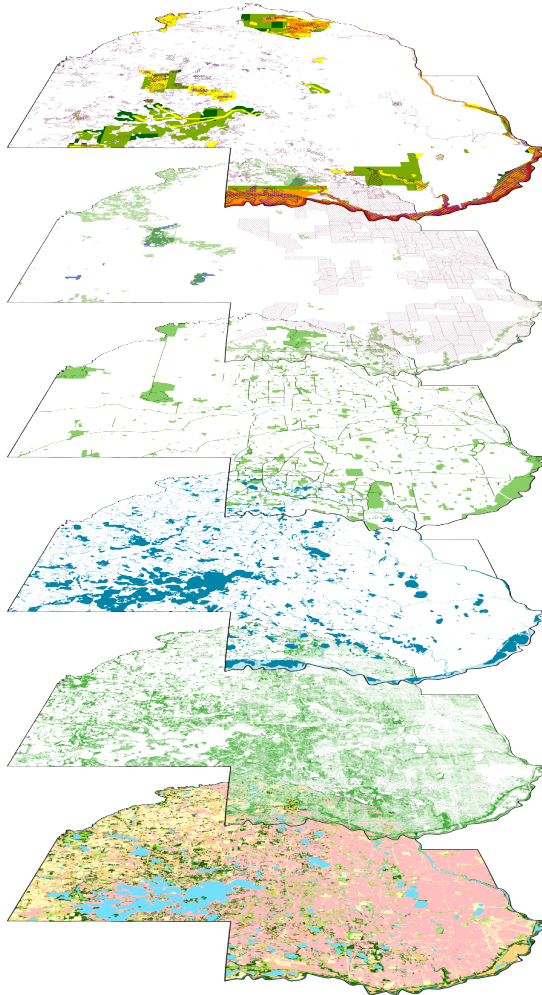
Parks and trails

Surface waters

Tree cover

Land use and zoning

(including the integration of local knowledge and priorities identified by partners through surveys and workshops)



Create centralized clearinghouse



Create centralized clearinghouse to share data, best practices, and guiding documents. The clearinghouse will be updated, supported, and maintained by trusted and highly engaged local partners and staff.

Engage and support partners



Provide ongoing training, technical assistance, and support for partners to integrate map, data, and best practices into everyday operations.

Hennepin County and Three Rivers Park District are uniquely positioned to support local jurisdictions due to our ongoing engagement with residents, partners, and systems that influence natural resource decisions in the county.

Project outcomes

Making interactive mapping tools, data, guiding documents, and additional resources easy to access, share, and use will:

- Improve data-driven collaborative planning and decision-making and guide long-term planning.
- Increase the preservation of and connection to natural areas for all residents.
- Increase resiliency to climate change, improve water quality, and protect critical habitat.



UNIVERSITY OF MINNESOTA



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May 1, 2024

Legislative-Citizen Commission on Minnesota Resources (LCCMR)
Centennial Office Building, 1st Floor
658 Cedar Street
St. Paul, MN 55155

Re: Letter of Support, LCCMR 2025

Dear LCCMR,

The Elm Creek Watershed Management Commission (ECWMC) is pleased to offer this letter of support for the 2025 LCCMR proposal: Planning for Long-Term Natural Resource Protection in Hennepin County.

The ECWMC was formed in 1973 through a Joint Powers Agreement under the authority conferred to the member parties through Minnesota Statutes Sections 471.58 and 103B.211, the Metropolitan Surface Waters Management Act of 1982. The Commission is a regional governmental unit responsible for protecting the water resources of the Elm Creek watershed in northwestern Hennepin County. It is governed by a seven-member board of representatives (Commissioners) from the member cities of Champlin, Corcoran, Dayton, Maple Grove, Medina, Plymouth, and Rogers.

The ECWMC's member communities have been and are continuing to experience rapid land use changes. The Commission, through its Joint Powers Agreement with participating cities, has the authority to ensure development and redevelopment activities comply with the Rules and Standards of the Commission in its mission to protect surface and groundwater resources.

At our core, the Elm Creek Watershed Management Commission exists to protect and improve surface water and groundwater resources and to minimize public capital expenditures needed to correct flooding and water quality problems. That's why, to

advance our mission, we are eager to support projects like this that will make it easier to see and anticipate opportunities at a larger scale, and connect project proposers to the right resources that might make it possible to leverage and support private investment to derive additional public benefits like stormwater management, flood mitigation, and green space creation.

The Elm Creek Watershed Management Commission supports projects that improve coordination and planning for natural systems and conservation across jurisdictional boundaries. This proposal aims to do just that, with the development and collation of common data sets and practical tools, this project will inform the next round of local comprehensive planning in Hennepin County.

Many organizations within our geography are interested in efforts to optimize natural resource and climate resiliency outcomes, while balancing land use and development decisions. The activities and collaboration outlined in this proposal will complement our efforts by supporting the integration of data, plans, and priorities across the many jurisdictional entities in Hennepin County.

We are excited for the proposed deliverables and acknowledge the need for interactive, readily accessible planning tools and resources that can strengthen comprehensive planning in our region.

Sincerely,

Doug Baines
Chair

DB/KE/ja