

elm creek Watershed Management Commission

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

September 6, 2022

Representatives
Elm Creek Watershed Management
Commission Hennepin County, MN

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

Dear Representatives:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, September 13, 2023, at 11:30 a.m.** at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

The Commission will suspend its regular meeting at 11:30 a.m. for the purpose of conducting a public hearing on five proposed capital improvements:

Project 2023-01:	South Fork Rush Creek Stream Restoration, Maple Grove.
Project 2023-02:	CSAH 12/Dayton River Road Ravine Stabilization, Dayton.
Project 2023-03:	Downtown Pond Expansion and Reuse, Rogers.
Project 2023-04:	City Cost Share Projects.
Project 2023-05:	Partnership Cost Share Projects.

The regular meeting will resume immediately after the public hearing concludes.

The Technical Advisory Committee (TAC) will NOT MEET this month.

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

Thank you.



Judie A. Anderson
Administrator

JAA:tim

Encls: Meeting Packet

cc:	Alternates	Erik Megow	James Kujawa	Rebecca Carlson	Ed Matthiesen
	TAC Members	Karen Galles	Kris Guentzel	Kevin Ellis	Diane Spector
	City Clerks	Brian Vlach	BWSR	Met Council	MPCA
	Official Newspaper		DNR		

Z:\Elm Creek\Meetings\Meetings 2023\09 Regular Meeting_Public Hearing Notice.docx

+elm creek Watershed Management Commission

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

AGENDA Regular Meeting | Public Hearing September 13, 2023

*The meeting packet may be found on the Commission's website: <http://elm creek watershed.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 and Claims.*

Suspend meeting

3. Public Hearing for Capital Improvement Projects
 - a. Staff Report.*
 - b. Commission discussion.
 - c. Open Public Hearing.
 - 1) Receive comments from member cities.
 - 2) Receive comments from public.
 - d. Close public hearing.
 - e. Commission discussion.
 - f. Consider Resolution 2023-03 Ordering 2023 Improvement Projects.*
 - g. Approve Cooperative Agreements.
 - 1) Maple Grove.*
 - 2) Rogers.*

Resume meeting.

4. Open Forum.
5. Action Items.
 - a. Project Reviews.*
6. Old Business.
7. New Business.
8. Communications.
 - a. Staff Report.*
 - b. Hennepin County Staff Report.*
9. Education.
 - a. WMWA – next meeting – October 10, 2023, at 8:30 a.m., via Zoom.
 - b. Educator Special Project.*
10. Grant Opportunities and Updates.
 - a. FY2025 WBIF.*

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

11. Project Reviews.

Enclosure	Action	Project No.	Project Name
		2014-015	Rogers Drive Extension, Rogers.
		2015-030	Kiddiegarten Child Care Center, Maple Grove.
		2016-005W	Ravinia Wetland Bank Plan, Corcoran.
		2017-014	Laurel Creek, Rogers.
		2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
		2018-046	Graco, Rogers.
		2020-009	Stetler Barn, Medina.
		2020-017	Meadow View Townhomes, Medina.
		2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
		2020-033	Weston Woods, Medina.
		2021-020	Crew Carwash, Maple Grove.
		2021-029	Tri-Care Grocery / Retail, Maple Grove
		2021-034	BAPS Hindu Temple, Medina.
		2021-035	Mister Car Wash - Rogers
		2021-036	D & D Service, Corcoran.
		2021-044	Balsam II Apartments, Dayton.
		2021-050	Evanswood, Maple Grove.
		2021-052	Norbella Senior Living, Rogers.
		2022-002	Summerwell, Maple Grove.
		2022-006	Hamel Townhomes, Medina.
		2022-009	Dunkirk Lane Development, Plymouth.
		2022-011	Arrowhead Drive Turn Lane Expansion, Medina.
		2022-013	Dayton 94 Industrial Site, Dayton.
		2022-016	Rogers Activity Center, Rogers.
		2022-017	City Center Drive, Corcoran.
		2022-018	Big Woods, Rogers.
		2022-020	Skye Meadows Extension, Rogers.
		2022-022	Cook Lake Highlands, Corcoran.
		2022-026	Archway Building, Rogers
		2022-028	Elsie Stephens Park, Dayton.
		2022-038	Tavera North Side, Corcoran.
		2022-040	Kariniemi Meadows, Corcoran.
		2022-043	Meander Park and Boardwalk, Medina.
		2022-049	Connexus Energy Subdivision, Dayton.
		2023-01	Chankahda Trail Reconstruction Phase 2, Plymouth.
		2023-02	Lynde Greenhouse Fire Damage Repair, Maple Grove.
		2023-04	Medina Industrial Site, Medina.
		2023-08	Rush Creek Boulevard Interchange, Maple Grove.
		2023-09	Magnifi Financial , Maple Grove.
E	A	2023-10	Rogers New Fire Station.
		2023-11	Sundance Greens 9 th Addition, Dayton.
		2023-13	River Valley Church, Maple Grove.
		2023-14	Bottema Wetland Restoration, Corcoran.
		2023-15	South Fork Rush Creek Restoration at Evanswood, Maple Grove.
		2023-16	Rogers South Community Park
E	A	2023-17	Veit Pit – Sand and Gravel Mine, Rogers.
E	A	2023-018	Brayburn Trails II, Dayton.
E	A	2023-019	23240 County Rod 30, Corcoran.
E	A	2023-020	Dunkirk Square, Maple Grove.
E	A	2023-021	Parks Place Memory Care, Plymouth.

*in meeting packet

**available at meeting or on website

12. Other Business.

13. Adjournment.

Z:\Elm Creek\Meetings\Meetings 2023\09 Regular Meeting Public Hearing Agenda.docx

*in meeting packet

**available at meeting or on website

elm creek Watershed Management Commission

ADMINISTRATIVE OFFICE
3235 Fernbrook Lane
Plymouth, MN 55447

PH: 763.553.1144
email: judie@jass.biz
www.elmcreekwatershed.org

MINUTES Regular Meeting | August 9, 2023

I. **CALL TO ORDER.** A meeting of the Elm Creek Watershed Management Commission was called to order at 11:30 a.m., Wednesday, August 9, 2023, 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; Joe Trainor, Maple Grove; Terry Sharp, Medina; Clark Gregor, Plymouth; and Kevin Jullie, Rogers.

Also present: Kent Torve, Stantec, Corcoran; Mark Lahtinen, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Erik Megow, Stantec; Rebecca Carlson, Resilience Resources; Kevin Ellis and Lily Kingsley, Hennepin County Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District; and Judie Anderson, JASS.

II. **AGENDA.** Motion by Walraven, second by Guenther to approve the Agenda:

A. Motion by Guenther, second by Walraven to approve the **Minutes* of the July 12, 2023, meeting.** *Motion carried unanimously.*

B. Motion by Guenther, second by Walraven to approve the **August Treasurer's Report and Claims*** totaling \$49,124.13. *Motion carried unanimously.*

III. **OPEN FORUM.**

IV. **PROJECT REVIEWS.**

A. **2023-011 Sundance Greens 9th Addition, Dayton.*** The site is located within the broader Sundance Greens development north of Rush Creek Parkway and west of Fernbrook Lane and west/south of east/west portion of where 113th Avenue North tees into 110th Avenue North. The applicant is proposing to add 31 single family homes and a community pool to the existing development. Staff findings dated July 3, 2023, recommend approval with four conditions: (1) reconciliation of the project review fees, (2) provision of adequate wetland buffer and monumentation for the wetland in Outlot E as outlined in Project Review 2020-029; (3) addition of an erosion control blanket to grading plan where slopes are steeper than 3:1; and (4) provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission within 90 days of plat recordation. Action on this project was tabled at the July meeting. Staff-level approval for grading was issued on July 5, 2023.

B. **2023-014 Bottema Wetland Restoration, Corcoran.*** This project restores previously drained agricultural lands to wetlands. A total of ten wetlands will be restored during this project, with uplands seeded into prairie. The project is located north of CR 30 and west of Cain Road. The North Fork of Rush Creek flows east through the northeastern portion of the 120-acre parcel.

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

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

Construction includes grading/disturbance on three acres of land and erosion control for the 120-acre parcel. There is no current or proposed impervious for this project. The project triggers only Rule E. Staff reviewed the project and approved the erosion control but did offer several comments to the County regarding the design and future stabilization. No action by the Commission is required. Staff will reconcile the escrow payment received. A signed agreement from adjacent landowners as required by the City is also mandatory per Staff findings dated July 21, 2023.

C. 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 the 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 one acre and does not trigger stormwater requirements). The project triggers rules E, F and H. A complete submittal was received July 12, 2023 and was reviewed by Staff who, in their findings dated August 2, 2023, recommend 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. Motion by Trainor, second by Walraven to approve Staff's recommendations. *Motion carried unanimously.*

D. 2023-016 Rogers South Community Park Improvements.* This project consists of the disturbance of approximately 14.1 acres over three parcels totaling 34.3 acres to construct park improvements and a re-use irrigation system. Impervious surface within the disturbed area will increase from 0.24 acres to 3.36 acres. The project takes place on three parcels northwest of the Territorial Road and Main Street intersection, adjacent to Rogers Elementary School (School District No. 728). The project triggers Commission rules D, E and I. This item has been reviewed by Staff and in their findings dated August 1, 2023, recommend approval with two conditions – reconciliation of the escrow fee and provision of an operation and maintenance agreement between the City and the School District. Motion by Trainor, second by Sharp to approve Staff's recommendations. *Motion carried unanimously.*

V. OLD BUSINESS.

VI. NEW BUSINESS.

Call for Public Hearing.* The Commission has established the maximum proposed levy for the 2023 Capital Improvement Program (CIP). The next step in the process is to call for a public hearing to consider ordering and certifying a levy for proposed projects and programs. The table below shows the projects under consideration and their funding, followed by short project summaries. The final step in the CIP process will be to hold a public hearing on the proposed projects and programs at the Commission's regular September 13, 2023, meeting. At that time, the Commission will formally order the projects, certify levies to Hennepin County, and authorize the execution of any necessary cooperative agreements with the cities acting as the lead city to contract the ordered projects.

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

Elm Creek 2023 CIP Projects (2024 levy).

Project	Total Est Cost	City/Other	Grant	Comm Share	Total Levy
S Fork Rush Creek Stream Restoration*	\$3,250,000	\$2,437,500	\$0	\$406,250	\$430,830
CSAH 12/Dayton Rd Ravine Stabilization	1,329,410	1,219,410	0	110,000	116,655
Downtown Pond Expansion and Reuse	406,000	304,500	0	101,500	107,640
City Cost Share	100,000	100,000	0	100,000	106,050
Partnership Cost Share	50,000	0	0	50,000	53,025
Subtotal	\$5,135,410	\$4,		\$767,750	\$814,200
5% additional for legal/admin				38,390	
Subtotal				806,140	
TOLTAL LEVY (101% for uncollectable)				\$814,200	

*2023 share; an additional \$406,250 was levied in 2022.

South Fork Rush Creek Stream Restoration. Restoration of 7,200 feet of the South Fork Rush Creek from 101st Avenue North to its confluence with Rush Creek in Maple Grove. This project will stabilize and restore eroding streambanks, improve floodplain access, enhance habitat, improve biotic integrity, and reduce sediment load by an estimated 410 tons/year and TP by 424 pounds/year.

CSAH 12/Dayton River Road Ravine Stabilization. Stabilization of two eroding deep ravines conveying stormwater runoff into the Mississippi River in Dayton, near Dayton River Road and Vicksburg Lane, part of a package of drainage and stabilization improvements along Hennepin County CSAH 12. The 50+ foot deep ravines have severe active erosion and are not only significant sediment and nutrient sources but also threaten nearby infrastructure. The project will reduce the excess sediment contributed to the river by about 1,100 tons/year and nutrients by about 938 pounds/year.

Downtown Pond Expansion and Reuse. This project will address water quantity and quality issues the downtown area of Rogers will be facing as redevelopment continues. Major water quality improvements are anticipated with this project for TP and TSS reductions. The pond expansion will also feature stormwater reuse for the irrigation of nearby parks. The additional storage area will reduce flooding within the Downtown Rogers Area.

City Cost Share. This annual project provides cost sharing to retrofit smaller BMPs on city property on a voluntary basis. The TAC developed policies and procedures to administer these funds and makes recommendations to the Commission on which projects should be funded.

Partnership Cost Share. This program makes funds available to member cities to help fund the cost of Best Management Practices (BMPs) partnership projects with private landowners. Participating projects on private property must be for water quality improvements above and beyond what would be required to meet Commission rules.

Motion by Trainor, second by Walraven to call for a Public Hearing during the September 14, 2023, regular meeting for the five projects listed on the 2023 CIP. *Motion carried unanimously.*

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

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

*indicates enclosure

VII. COMMUNICATIONS. The following communications have been received:

A. Buffer Inspections.* In her July 31, 2023, email Rozalyn Davis, HCEE Conservation Specialist, notified the Commission that parcels have been selected in the cities of Corcoran, Dayton and Rogers for on-site review this month. County staff will visit the parcels to verify that the buffers are compliant with the Minnesota Buffer Law (MS103F). Landowners will receive a notice of inspection and a follow-up letter with Staff findings and any action required to correct buffer problems. Buffer requirements include:

1. Public Waters: 50-foot average width, 30-foot minimum width, continuous buffer of perennially rooted vegetation or an approved alternative practice plan with the SWCD Office. Buffers are measured from the top or crown of the bank. Where there is no defined bank, measurement must be from the edge of the normal water level. MN Buffers Law for Public Waters started on November 1, 2017.

2. Public Drainage Systems: minimum of 16.5 feet of buffer, measured from the top or crown of the bank. MN Buffers Law for Public Ditches started on November 1, 2018.

B. Staff Report.* Staff reports provide updates on the development projects currently under review by Staff. The projects listed in the table beginning on page 5 of these minutes are discussed in the August 2, 2023, report.

C. Hennepin County Staff Report.*

1. Bottema Wetland Restoration Update, Corcoran. All permits were received on July 24. Staff staked out the parcel for wetland reconstruction and the reconstruction began in late July, including site prep, breaking tile in the previously drained wetlands, and initial construction of spillways. Contractor plans to complete the sediment scrapes and earthen embankments in August once the appropriate equipment is on-site. Seeding was completed on the eastern half of the property last year and the western half of the parcel this year. It was noted that the native mesic prairie seed mix has exceeded expectations for growth in the first year. This is even more impressive considering the drought conditions that have been present on-site.

2. Mattila Manure Bunker, Corcoran. Landowner will be starting construction on the manure bunker after a brief delay. A meeting with NRCS to discuss rotational grazing on the north side of Rush Creek is scheduled for late August.

3. Christian Settling Basin, Dayton. A meeting was held with the consulting engineer to discuss the project and develop a punch list of needed survey data. Staff were able to survey the area where the potential settling basins will be installed as well as the current channel. Data was collected, sorted, and delivered to the engineer for analysis. A proposed BMP plan should be returned in the coming weeks. The landowner is also interested in technical assistance on how to encourage wildlife to return to the property and utilize the resources onsite.

4. Van Asten Bunker and Basin, Dayton. Staff met with the consulting engineers to discuss the design plan of the manure bunker and potential options for runoff control near the

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

barn area. Staff will be visiting the site in early August to collect survey data which will be used in conceptual planning

5. Included in the County report is a table showing **updates for cost-share projects** and overall budgeting. This table will be included in future staff updates with revisions as appropriate.

6. **Other County Programming.**

a. The County recently launched a newsletter, **Conservation Connection**, focused on rural conservation and land management in Hennepin County. This newsletter will include funding and technical support opportunities, resources, tips, and project features. The [first edition](#) included information on soil testing, conservation easement and cost-share funding, controlling common and cutleaf thistle, cultivating butterfly weed, fun facts about the norther prairie skink, and more! [Subscribe to Conservation Connection](#) to receive future updates.

b. There are two remaining **community collection events** in 2023 for county residents to dispose of unwanted garden and household hazardous wastes safely and properly. Events will take place Friday and Saturday from 9 a.m. to 3 p.m. on August 11 and 12 at Henry High School in Minneapolis and on September 22 and 23 at the Hennepin County Public Works Orono Shop. Check health and safety guidelines and the list of acceptable materials at: hennepin.us/collectionevents.

VIII. **Education and Public Outreach.**

A. The **West Metro Water Alliance (WMWA)** will meet via Zoom at 8:30 a.m., September 12, 2023.

B. The new conservation specialist, **Grace Barcelow**, has been creating a six-month education and outreach plan and amassing appropriate resources.

IX. **Grant Opportunities and Project Updates.**

X. **Other Business.**

XI. **Adjournment.** There being no further business, the meeting was adjourned at 12:24 p.m.

Respectfully submitted,



Judie A. Anderson

Recording Secretary

JAA:tim

Z:\Elm Creek\Meetings\Meetings 2023\August 9 2023 Regular meeting minutes.docx

Project No.	Project Name
W=wetland	
2014-015	Rogers Drive Extension, Rogers.
2015-030	Kiddiegarten Child Care Center, Maple Grove.

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

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

elm creek Watershed Management Commission

Regular Meeting Minutes | August 9, 2023

Page 6

2016-005W	Ravinia Wetland Bank Plan, Corcoran.
2017-014	Laurel Creek, Rogers.
2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
2018-046	Graco, Rogers.
2020-009	Stetler Barn, Medina.
2020-017	Meadow View Townhomes, Medina.
2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
2020-033	Weston Woods, Medina.
2021-020	Crew Carwash, Maple Grove.
2021-025	Hackamore Road Reconstruction, Medina/Corcoran.
2021-029	Tri-Care Grocery / Retail, Maple Grove
2021-034	BAPS Hindu Temple, Medina.
2021-035	Mister Car Wash, Rogers.
2021-036	D & D Service, Corcoran.
2021-044	Balsam II Apartments, Dayton.
2021-050	Evanswood, Maple Grove.
2021-052	Norbella Senior Living, Rogers.
2022-002	Summerwell, Maple Grove.
2022-003	Fox Briar Ridge East, Maple Grove.
2022-006	Hamel Townhomes, Medina.
2022-008	Bechtold Farm, Corcoran.
2022-009	Dunkirk Lane Development, Plymouth.
2022-011	Arrowhead Drive Turn Lane Expansion, Medina.
2022-012	Graco Building 2, Dayton.
2022-013	Dayton 94 Industrial Site, Dayton.
2022-016	Rogers Activity Center, Rogers.
2022-017	City Center Drive, Corcoran.
2022-018	Big Woods, Rogers.
2022-019	Grass Lake Preserve, Dayton.
2022-020	Skye Meadows Extension, Rogers.
2022-022	Cook Lake Highlands, Corcoran.
2022-026	Archway Building, Rogers
2022-028	Elsie Stephens Park, Dayton.
2022-029	Hayden Hills Park, Dayton.
2022-033	Pet Suites, Maple Grove.
2022-035	Rush Hollow, Maple Grove.
2022-038	Tavera North Side, Corcoran.
2022-040	Karinieimi Meadows, Corcoran.
2022-042	Walcott Glen, Corcoran.
2022-043	Meander Park and Boardwalk, Medina.
2022-045	Corcoran Water Treatment Plant.
2022-047	Suite Living of Maple Grove.
2022-049	Connexus Energy South Dayton Substation.
2023-001	Chankahda Trail Reconstruction Phase 2, Plymouth.
2023-002	Lynde Greenhouse Fire Damage Repair, Maple Grove.
2023-004	Medina Industrial Site, Medina.
2023-006	Sota Shine, Maple Grove.

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

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

elm creek Watershed Management Commission

Regular Meeting Minutes | August 9, 2023

Page 7

2023-008	Rush Creek Boulevard Interchange, Maple Grove.
2023-009	Magnifi Financial, Maple Grove
2023-010	Rogers New Fire Station
2023-011	Sundance Greens 9th, Dayton
2023-012	Hope Community Mixed Use, Corc
2023-013	River Valley Church, Maple Grove
2023-014	Bottema Wetland, Corcoran
2023-015	So Fork Rush Creek Restoration, Maple Grove
2023-016	Rogers South Community Park
2023-017	Veit Pit, Rogers

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

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

Elm Creek Watershed Management Commission Treasurer's Report

		2023 Budget	Aug 2023	Sept 2023	2023 Budget YTD
EXPENSES					
Administrative		100,000	9,549.44	8,987.72	83,967.42
Grant Writing		0			0.00
Website		2,000	279.75	37.50	1,239.66
Legal		2,000			465.00
Audit		6,500	6,800.00		6,800.00
Insurance		4,000			3,784.00
Miscellaneous/Contingency		0			0.00
Technical Support - HCEE		20,000		4,531.26	4,531.26
HUC-8 Floodplain Mapping		0			0.00
Technical - Project Review		184,000	5,524.50	22,856.03	70,316.78
Technical - Other		70,000	9,644.03	6,316.69	67,000.47
Project Review - Admin Support		16,000	1,492.68	1,948.42	13,281.24
Stream Monitoring USGS		24,000	5,775.00		26,625.00
Stream Monitoring TRPD		10,020			0.00
Biological Monitoring		4,500			0.00
DO Longitudinal Survey		2,400			0.00
Partnership Biomonitoring Project (Comm shar		2,000			0.00
Rain Gauge		440	35.61	32.84	254.64
Lakes Monitoring - CAMP		840			0.00
TRPD Monitoring - Sentinel Lakes/Addn'l Lake		10,412			0.00
Aquatic Vegetation Surveys		1,365			0.00
Wetland Monitoring (WHEP)		0			0.00
Education		2,000			841.62
WMWA General Activities		5,000			3,000.00
WMWA Implementation/Watershed Prep		4,500			2,000.00
Rain Garden Wkshops/Intensive BMPs/Special Proj		2,000			4,000.00
Macroinvertebrate Monitoring-River Watch		0			0.00
Studies / Project ID / SWA		0			14,750.00
CIPs General		3,000	234.12	482.20	1,470.12
Rush Creek SWA Implementation		106,050			0.00
Plan Amendment		2,000			580.12
Contribution to 4th Gen Plan		12,500			0.00
Transfer to (from) Capital Projects (see CIP Tr		291,638			130,872.57
Transfer to (from) Cash Sureties (see below)			-	-	0.00
Transfer to (from) Grants (see below)		125,000	9,789.00	24,555.20	123,062.20
To Fund Balance					0.00
TOTAL - Month			49,124.13	69,747.86	555,841.35
TOTAL Paid in 2023, incl late 2022 Expenses		1,014,165.00	516,770.50	586,518.36	2023 Paid

Elm Creek Watershed Management Commission Treasurer's Report

		2023 Budget	Aug 2023	Sept 2023	2023 Budget YTD
INCOME					
Project Review Fee		184,000	26,836.50		88,969.50
Refund Project Fee			(2,596.25)		(12,299.00)
Project Review Base Fee			1,000.00		1,000.00
Nonrefundable Admin		16,000	1,000.00		4,750.00
Nonrefundable Technical		17,000	1,600.00		7,225.00
Water Monitoring - TRPD Co-op Agmt		6,500			0.00
Member Dues		250,000			250,000.00
Interest/Dividends Earned		750	8,248.89		53,311.36
Transfer to (from) Capital Projects (see CIP Tr		291,638			308,587.38
Transfer to (from) Grants (see below)		125,000	-	-	249,965.50
Rush Creek SWA Implementation		79,537			0.00
Transfer from Assigned Fund Balance		26,513			
Misc Income / Contingency		0			
From Unrestricted Cash Reserves		17,227			
Total - Month			36,089.14	0.00	951,509.74
TOTAL Rec'd 2023, incl late 2022 Income		1,014,165.00	971,537.89	971,537.89	2023 Received
CASH SUMMARY					
		Balance Fwd			
Checking		0.00			
4M Fund		1,399,787.64	1,854,555.03	1,784,807.17	
Cash on Hand			1,854,555.03	1,784,807.17	
Claims Presented		General Ledger Account No	August	September	TOTAL
Campbell Knutson - Legal		521000			0.00
Connexus - Rain Gauge		551100		32.84	32.84
Hennepin County Treasurer					18,524.46
HCEE Technical-Public Inquiries & Conservatio		578200		4,531.26	
HCEE-Rush Creek Project (WBIF Grant)		584005		13,993.20	
Resilience Resources					9,719.03
Technical - Project Review		578050		9,719.03	
Technical - Other		578050			
Surface Water Solutions					0.00
Technical - Project Review		578050			
Technical - Other		578050			
Stantec					30,015.69
Technical - Project Review		578050		13,137.00	
Technical - Other		578050		6,316.69	
South Fork Rush Creek SWA (23 WBIF)		584006		10,562.00	
N Fork Rush Creek Remeander Feasibility		584006			
JASS					11,455.84
Administration		511000		8,761.97	
TAC Support		511000		225.75	
Website		581000		37.50	
Project Review Admin Support		578100		910.42	
Project Reviews - Project Specific Admin		578100		1,038.00	
Education		590000			
CIPs General		563001		482.20	
TOTAL CLAIMS					69,747.86



Account Number:
481113-238425

ELM CREEK WATERSHED MGMT ORG

Monthly Statement

Service Address
ELM CREEK RD
DAYTON MN

Billing Summary

Billing Date: Aug 17, 2023

Previous Balance	\$35.61
Payments - Thank You!	\$35.61
Balance Forward	\$0.00
New Charges	\$32.84

Total Amount Due **\$32.84**

Payment must be received on or before September 13, 2023

Total Amount Due

\$32.84

Due Date

September 13, 2023

Message Center

Here is your Cash Back

Your Cash Back credit is included on this statement. You're getting Cash Back because you're a member of our cooperative. The amount is based on your annual electric purchases. For more information about our Cash Back program, visit us at connexusenergy.com.

Your Community, Your Choice

Here's an opportunity to help your favorite local organization. With our monthly "Your Community, Your Choice" online program, you pick the charity that receives a \$1,500 donation from Connexus Energy. Visit us at connexusenergy.com for more information.

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-006833/005883 VG2THA S1-ET-M1-C00002 1



Account Number:

481113-238425

Total Amount Due

\$32.84

Payment Due By

September 13, 2023

006833 1 AB 0.534 002836/006833/005883 023 02 VG2THA
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325



Connexus Energy
PO Box 1808
Minneapolis, MN 55480-1808

00003284 0004811130238425 000000 000000 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

8/23/23

Contract

A2311707

Description	Total Amount Due
2023 Invoice 1 (January 1-June 30, 2023)	
Task 2: Public Inquiries and Conservation Promotion	
<ul style="list-style-type: none"> Hours: 131 Value: \$8,916.60 <ul style="list-style-type: none"> 50%: \$4,458.30 Amount due: \$4,458.30 Task 2 NTE: \$20,000 Task 2 Remaining: \$15,541.70 	\$4,531.26
Task 3: Rush Creek Project Implementation	
Bottema Restorations	
<ul style="list-style-type: none"> Payment 1 Invoice: \$17,491.50 ECWMC share of costs incurred (80%): \$13,992.20³ <ul style="list-style-type: none"> Capital funds (25%): \$4,372.88 WBIF (55%): \$9,620.33 	⁹⁹³ \$13,392.20
Task 3 NTE: \$293,307	
<ul style="list-style-type: none"> Amount Remaining: \$277,759.00 	
AMOUNT DUE	\$18,524.46

Make check payable to: Hennepin County Treasurer

Invoice (please include as reference on payments): 1000211431

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

Direct questions to: Karen Galles 612-235-0712

PO#493213
Receipt #0001055341


Name: **Jonathan Bottema**
Address: **10500 Trail Haven Road**
City, State, Zip: **Corcoran**
Contract No.: **PR00004810**

Total Amount Authorized: **\$124,000.00**
(from contract)

Practice	Quantity	Unit	Unit Rate	Total
Prairie Seed - Shooting State Native Seed (90% of total invoice)	1	Lump Sum	\$17,491.50	\$17,491.50

PAYMENT REQUEST: **\$17,491.50**

I certify that this is an accurate and true summation of the above project.


Payee Signature

May 25, 2023
Date

A. Type of request (partial or final):	Partial
B. Payment amount requested:	\$17,491.50
C. Total Amount Authorized:	\$124,000.00
D. Total previous partial payments:	
E. Amount available (C - D)	\$124,000.00

Amount Approved for This Voucher:
(cannot exceed Total Amount Authorized)

I certify that an inspection has been performed and as-built received and that the items identified under the Practice Information section of this form have been completed and are in accordance with the requested practice standards and specifications.

Greg Bowles
Technical Assistance Provider

May 26, 2023
Date

I certify that I have reviewed this voucher and all supporting information and that to the best of my knowledge and belief, the quantities and rates are accurate and are in accordance with terms of the contract identified.

Administrative Sign-off

May 26, 2023
Date



SHOOTING STAR

NATIVE SEEDS

BILL TO:

John Bottema
10500 Trail Haven Road

Corcoran, MN 55374

INVOICE

INVOICE: 56842

DATE: 10/26/2022

PAGE: Page 1 of 1

CUSTOMER ID	CUSTOMER PO	PAYMENT TERMS	SHIPPING METHOD	
30JOHNBOTT		Net 0	Spee Dee	
QUANTITY	LOT NUMBER	DESCRIPTION	UNIT PRICE	EXTENSION
12.20 Acres		BOTTJ2202B-2 MN CP25 Premium Mix	\$180.00	\$2,196.00
20.40 Acres		BOTTJ2208-3 Bottema Mesic Mix	\$544.32	\$11,104.38
5.05 Acres		BOTTJ2209-2 Bottema Wet/Wet Margin Mix	\$455.95	\$2,303.40
4.20 Acres		BOTTJ2206B-2 SSNS Basic Pollinator Mix	\$555.00	\$2,331.00
		Shipping		\$250.00
PAID				
			Subtotal	\$18,184.78
			Sales Tax	\$1,250.22
			Total	\$19,435.00

Resilience Resources, LLC
3235 Fernbrook Lane N
Minneapolis, MN 55447



Invoice Date: Sept 7, 2023
RR Invoice #: 0009-2023-04

Client Project Reference: Elm Creek Water Management Commission

TASK: Rnew Fire Station Rogers (2023-010)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
9/5/2023	0.3	hrs	RC	\$165	ECWMC	2023-010	QAQC Memo Review + Correspondence	\$49.50
Task Total								\$49.50

TASK: Veit Pit (2023-017)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
9/5/2023	0.3	hrs	RC	\$165	ECWMC	2023-017	QAQC Memo Review + Correspondence	\$49.50
Task Total								\$49.50

TASK: Dunkirk Square (2023-020)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
9/5/2023	0.3	hrs	RC	\$165	ECWMC	2023-020	QAQC Memo Review + Correspondence	\$49.50
Task Total								\$49.50

TASK: Park Place Memory Care Phase II (2023-021)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
9/5/2023	0.3	hrs	RC	\$165	ECWMC	2023-021	QAQC Memo Review + Correspondence	\$49.50
Task Total								\$49.50

TASK: Brayburn Trails II (2023-018)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
8/12/2023	4	hrs	RC	\$165	ECWMC	2023-018	Initial review for completeness	\$660.00
8/30/2023	6	hrs	RC	\$165	ECWMC	2023-018	Review - Grading Plan	\$990.00
9/4/2023	1.5	hrs	RC	\$165	ECWMC	2023-018	Review - Grading Plan - memo	\$247.50
9/5/2023	1	hrs	RC	\$165	ECWMC	2023-018	Review - Grading Plan, memo	\$165.00
Task Total								\$2,062.50

TASK: 23240 County Road 30 (2023-019)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
8/12/2023	2	hrs	RC	\$165	ECWMC	2023-019	Initial review for completeness	\$330.00
8/31/2023	2	hrs	RC	\$165	ECWMC	2023-019	Initial review for completeness	\$330.00
9/4/2023	6	hrs	RC	\$165	ECWMC	2023-019	Review - Grading Plan	\$990.00
9/5/2023	4	hrs	RC	\$165	ECWMC	2023-019	Review - Grading Plan, memo	\$660.00
Task Total								\$2,310.00

TASK: Rush Creek Blvd Interchange (2023-008)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
6/2/2023	0.1	hrs	RC	\$165	ECWMC	2023-008	Correspondence w/ Stantec QAQC Memo Review +	\$16.50
6/5/2023	0.5	hrs	RC	\$165	ECWMC	2023-008	Correspondence	\$82.50
Task Total								\$99.00

TASK: Magnifi Financials Maple Grove (2023-009)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
6/2/2023	0.1	hrs	RC	\$165	ECWMC	2023-009	Correspondence w/ Stantec QAQC Memo Review +	\$16.50
6/5/2023	0.5	hrs	RC	\$165	ECWMC	2023-009	Correspondence	\$82.50
Task Total								\$99.00

TASK: Sundance Greens 9th Addition (2023-011)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
6/2/2023	0.1	hrs	RC	\$165	ECWMC	2023-011	Correspondence w/ Stantec	\$16.50
6/5/2023	1.5	hrs	RC	\$165	ECWMC	2023-011	Initial review for completeness, locate existing files	\$247.50
7/3/2023	4	hrs	RC	\$165	ECWMC	2023-011	Review - Grading Plan Call from Stantec City Engineer, call with applicant, review + file latest model	\$660.00
7/5/2023	0.5	hrs	RC	\$165	ECWMC	2023-011	latest model	\$82.50
7/5/2023	0.3	hrs	RC	\$165	ECWMC	2023-011	Call with Stantec	\$49.50
Task Total								\$1,056.00

TASK: Hope Community Mized-Use Development Draft EAW Review (2023-012)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
6/2/2023	0.1	hrs	RC	\$165	ECWMC	2023-012	Correspondence w/ Stantec	\$16.50
6/5/2023	2.6	hrs	RC	\$165	ECWMC	2023-012	Review	\$429.00
Task Total								\$445.50

TASK: Bottema Wetlands Restoration Review (2023-014)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
6/21/2023	0.5	hrs	RC	\$165	ECWMC	2023-014	Call with applicant + Stantec	\$82.50
7/21/2023	7	hrs	RC	\$165	ECWMC	2023-014	Review	\$1,155.00
7/24/2023	0.5	hrs	RC	\$165	ECWMC	2023-014	Finalize review, staff report update	\$82.50
Task Total								\$1,320.00

TASK: South Fork Rush Creek Maple Grove Bridge Review (2023-015)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
6/29/2023	0.5	hrs	RC	\$165	ECWMC		Call with applicant + Stantec	\$82.50
6/30/2023	0.7	hrs	RC	\$165	ECWMC		Download from applicants site	\$115.50
7/3/2023	0.6	hrs	RC	\$165	ECWMC		Download from applicants site	\$99.00
7/24/2023	5	hrs	RC	\$165	ECWMC		Review	\$825.00
7/25/2023	4	hrs	RC	\$165	ECWMC		Review finalize, staff report update + presentation	\$660.00
Task Total								\$1,782.00

TASK: Meeting Attendance

Date	Qty	Unit	Staff	Rate	Client	Project Name	Description	Amount
8/9/2023	2	hrs	RC	\$165	ECWMC		Meeting Attendance	\$330.00
8/9/2023	26	mi	RC	\$0.655	ECWMC		Meeting Attendance	\$17.03
Task Total								\$347.03

Invoice Total	\$9,719.03
----------------------	-------------------

Invoice Number	2127138
Invoice Date	September 6, 2023
Purchase Order	--
Customer Number	167501
Project Number	227705635

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 WMO Services			
	Project Manager	Megow, Erik Robert	Contract Upset	254,000.00
	Current Invoice Total (USD)	19,453.69	Amount Billed to Date	116,185.94
			For Period Ending	August 25, 2023

Accounting to email att: Judie Anderson at judie@jass.biz; Beverly@jass.biz

Top Task	101	General Services
Low Task	101.2023.001	Prereviews and Inquiries

Professional Services

<u>Professional Services</u>			
Category/Employee		Current Hours	Rate Current Amount
	Megow, Erik Robert	19.50	172.00 3,354.00
	Subtotal Professional Services	19.50	3,354.00

Low Task Subtotal	Prereviews and Inquiries	3,354.00
-------------------	---------------------------------	----------

Low Task	101.2023.002	Meetings
----------	--------------	----------

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Megow, Erik Robert	3.50	172.00	602.00
Thompson, Kathleen Anne (Katy)	1.25	195.00	243.75
Subtotal Professional Services	4.75		845.75

Low Task Subtotal	Meetings	845.75
-------------------	-----------------	--------

Low Task	101.2023.003	Other Services
----------	--------------	----------------

Professional Services

<u>Professional Services</u>			
Category/Employee		Current Hours	Current Rate Amount
	Campbell, Patricia A (Patty)	0.50	133.00 66.50
	Megow, Erik Robert	2.50	172.00 430.00
	Kaster, Anthony R (Tony)	0.75	187.00 140.25
	Spector, Diane F	7.50	195.00 1,462.50
	Subtotal Professional Services	<u>11.25</u>	<u>2,099.25</u>

Invoice Number	2127138
Invoice Date	September 6, 2023
Purchase Order	--
Customer Number	167501
Project Number	227705635

Disbursements

Usage - Vehicle	17.69
Subtotal Disbursements	17.69

Low Task Subtotal	Other Services	2,116.94
-------------------	-----------------------	----------

Top Task Subtotal	General Services	6,316.69
-------------------	-------------------------	----------

Top Task	200	2023 Project Reviews
Low Task	200.2023.004	Medina Industrial - Medina

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	2.00	172.00	344.00
	Subtotal Professional Services	2.00		344.00

Low Task Subtotal	Medina Industrial - Medina	344.00
-------------------	-----------------------------------	--------

Low Task	200.2023.010	Rogers New Fire Station
-----------------	---------------------	--------------------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Truong, Kaitlen Nguyen (Kaitlin)	5.00	142.00	710.00
	Megow, Erik Robert	3.00	172.00	516.00
	Subtotal Professional Services	8.00		1,226.00

Low Task Subtotal	Rogers New Fire Station	1,226.00
-------------------	--------------------------------	----------

Low Task	200.2023.013	River Valley Church
-----------------	---------------------	----------------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	1.00	172.00	172.00
	Subtotal Professional Services	1.00		172.00

Low Task Subtotal	River Valley Church	172.00
-------------------	----------------------------	--------

Low Task	200.2023.014	Bottema Wetlands Restoration
-----------------	---------------------	-------------------------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	0.75	172.00	129.00

Invoice Number	2127138
Invoice Date	September 6, 2023
Purchase Order	—
Customer Number	167501
Project Number	227705635

Subtotal Professional Services	0.75	129.00
--------------------------------	------	--------

Low Task Subtotal	Bottema Wetlands Restoration	129.00
-------------------	------------------------------	--------

Low Task	200.2023.015	SF Rush Creek Restoration
----------	--------------	---------------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	1.50	172.00	258.00
Subtotal Professional Services		1.50		258.00

Low Task Subtotal	SF Rush Creek Restoration	258.00
-------------------	---------------------------	--------

Low Task	200.2023.016	Rogers South Community Park
----------	--------------	-----------------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	18.50	172.00	3,182.00
Subtotal Professional Services		18.50		3,182.00

Low Task Subtotal	Rogers South Community Park	3,182.00
-------------------	-----------------------------	----------

Low Task	200.2023.017	Veit Pit - Sand and Gravel
----------	--------------	----------------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Abrahams, Mark B	13.00	172.00	2,236.00
	Megow, Erik Robert	10.00	172.00	1,720.00
Subtotal Professional Services		23.00		3,956.00

Low Task Subtotal	Veit Pit - Sand and Gravel	3,956.00
-------------------	----------------------------	----------

Low Task	200.2023.018	Brayburn Trails II
----------	--------------	--------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	1.50	172.00	258.00
Subtotal Professional Services		1.50		258.00

Low Task Subtotal	Brayburn Trails II	258.00
-------------------	--------------------	--------

Low Task	200.2023.019	23240 County Rd 30
----------	--------------	--------------------

Invoice Number	2127138
Invoice Date	September 6, 2023
Purchase Order	--
Customer Number	167501
Project Number	227705635

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	0.50	172.00	86.00
Subtotal Professional Services		<u>0.50</u>		<u>86.00</u>

Low Task Subtotal	23240 County Rd 30	86.00
-------------------	---------------------------	-------

Low Task	200.2023.020	Dunkirk Square
-----------------	---------------------	-----------------------

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Abrahams, Mark B	9.50	172.00	1,634.00
	Megow, Erik Robert	4.50	172.00	774.00
Subtotal Professional Services		<u>14.00</u>		<u>2,408.00</u>

Low Task Subtotal	Dunkirk Square	2,408.00
-------------------	-----------------------	----------

Low Task	200.2023.021	Parks Place Memory Care Phase II
-----------------	---------------------	---

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Abrahams, Mark B	5.00	172.00	860.00
	Megow, Erik Robert	1.50	172.00	258.00
Subtotal Professional Services		<u>6.50</u>		<u>1,118.00</u>

Low Task Subtotal	Parks Place Memory Care Phase II	1,118.00
-------------------	---	----------

Top Task Subtotal	2023 Project Reviews	13,137.00
-------------------	----------------------	-----------

Total Fees & Disbursements	19,453.69
INVOICE TOTAL (USD)	19,453.69

Due upon receipt or in accordance with terms of the contract

Invoice Number	2127139
Invoice Date	September 6, 2023
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)	10,562.00	Amount Billed to Date	18,983.00
		For Period Ending	August 25, 2023

Top Task	100	SFRC SWA		
<u>Professional Services</u>				
Category/Employee			Current Hours	Current Amount
			Rate	
		Hyams, Aaron Robert	3.50	465.50
		Beneke, Thomas S (Tom)	56.00	9,632.00
		Megow, Erik Robert	1.00	172.00
		Spector, Diane F	1.50	292.50
		Subtotal Professional Services	<u>62.00</u>	<u>10,562.00</u>
Top Task Subtotal	SFRC SWA			10,562.00
		Total Fees & Disbursements		10,562.00
		INVOICE TOTAL (USD)		10,562.00

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

5-Sep-23

Total by
Project Area

Administrative		70.00	0.00	
Administrative	44.820	75.00	3,361.50	
Admin - offsite	2.550	80.00	204.00	
Handbook		75.00	0.00	
Office Support	22.00	200.00	4,400.00	
Storage Unit - .47	1.00	183.77	183.77	
Data Processing/File Mgmt	3.75	75.00	281.25	
Drop Box Subscription		120.00	0.00	
Archiving		70.00	0.00	
Reimbursables	331.45	1.00	331.45	8,761.970
Administrative - TAC support		70.00	0.00	
Administrative - TAC Support	2.92	75.00	219.00	
Admin - TAC support		80.00	0.00	
TAC support - reimbursables	6.75	1.00	6.75	225.750
Website		70.00	0.00	
Website	0.50	75.00	37.50	
Web Domain, hosting		1.00	0.00	
Website - Zoom		1.00	0.00	37.500
Project Reviews - Secre		70.00	0.00	
Project Reviews - Admin	11.25	75.00	843.75	
Project Reviews - Admin Project Specific	13.84	75.00	1,038.00	1,038.00
Project Reviews - Admin offiste		80.00	0.00	
Project Reviews - Admin - File Mgmt		75.00	0.00	
Project Reviews - reimbursables	66.67	1.00	66.67	910.420
CIPs -General		70.00	0.00	
CIPs - Administrative	6.21	75.00	465.75	
CIPs- Offsite Admin		80.00	0.00	
CIPs - reimbursables	16.45	1.00	16.45	482.200
				11,455.840

To: Elm Creek WMO Commissioners

From: Erik Megow, P.E.
Diane Spector

Date: September 6, 2023

Subject: Public Hearing 2023 Capital Projects
Project 2023-01 South Fork Rush Creek Stream Restoration
Project 2023-02 CSAH 12/Dayton River Road Ravine Stabilization
Project 2023-03 Rogers Downtown Pond Expansion
Project 2023-04 City Cost Share
Project 2023-05 Partnership Cost Share

**Recommended
Commission Action**

The County Board has approved the proposed maximum levy. Conduct a public hearing on the proposed projects. Consider and approve a resolution ordering the projects and certifying the levies.

The Commission had previously received feasibility reports for three proposed 2023 capital projects and called for a public hearing on September 13, 2023 to consider said projects as well as the annual City Cost Share and Partnership Cost Share projects. The cities and the county have been notified and notice has been duly published.

The purpose of the public hearing is to consider the proposed projects and their financing and to take comment from the member cities and the public. The recommended order of business is as follows:

1. Staff report on projects and proposed financing
2. Commissioner discussion
3. Commission chair opens a public hearing
4. Take comments from member cities
5. Take comments from the public
6. Commission chair closes the public hearing
7. Commissioner discussion
8. Commission considers the following resolution (a 2/3 majority is required):

**ORDERING 2023 IMPROVEMENTS, DESIGNATING PARTIES
RESPONSIBLE FOR CONSTRUCTION, MAKING FINDINGS, AND
CERTIFYING COSTS TO HENNEPIN COUNTY PURSUANT TO
MINNESOTA STATUTES, SECTION 103B.251**

9. Continue with regular meeting.

Projects proposed for 2023 and their associated levies are shown in Table 1, followed by brief project descriptions.

Table 1. Elm Creek 2023 CIP Projects (2024 levy).

Project	Total Estimated Cost	City/Private	Commission Share	Commission Levy
South Fork Rush Creek Restoration*	\$3,250,000	\$2,437,500	\$406,250	\$430,830
CSAH 12/Dayton River Rd Stabilization	1,329,410	1,219,410	110,000	116,655
Downtown Pond Expansion and Reuse	406,000-	304,500	101,500	107,640
City Cost Share Program	100,000	100,000	100,000	106,050
Partnership Cost Share Program	50,000	0	50,000	53,025
Subtotal	\$5,135,410	\$4,061,410	\$767,750	\$814,200
5% additional for legal/admin costs			38,390	
Subtotal			806,140	
TOTAL LEVY (101% for uncollectable)			\$814,200	

*2023 share; an additional \$406,250 was levied in 2022.

Project Descriptions

2023-01: South Fork Rush Creek Stream Restoration. Restoration of 7,200 feet of the South Fork Rush Creek from 101st Avenue N to its confluence with Rush Creek in Maple Grove. This project will stabilize and restore eroding streambanks, improve floodplain access, enhance habitat and improve biotic integrity, and reduce sediment load by an estimated 410 tons/year and TP by 424 pounds/year.

2023-02: CSAH 12/Dayton Rd Ravine Stabilization. Stabilization of two eroding deep ravines conveying stormwater runoff into the Mississippi River in Dayton, near Dayton River Road and Vicksburg Lane North, part of a package of drainage and stabilization improvements along Hennepin County CSAH 12. The 50+ foot deep ravines have severe active erosion that is not only a significant sediment and nutrient source but is also threatening nearby infrastructure. The project will reduce the excess sediment contributed to the River by about 1,100 tons per year, and nutrients by about 938 pounds per year.

2023-03: Downtown Pond Expansion and Reuse. This project will address water quantity and quality issues the downtown area of Rogers will be facing as redevelopment continues. Major water quality improvements are anticipated with this project for TP and TSS reductions. The pond expansion will also feature a stormwater reuse for the irrigation of nearby parks. The additional storage area will reduce flooding within the Downtown Rogers Area.

2023-04: City Cost Share. This annual project provides cost sharing to retrofit smaller BMPs on city property on a voluntary basis. The TAC developed policies and procedures to administer these funds and makes recommendations to the Commission on which projects should be funded.

2023-05: Partnership Cost Share. This program makes funds available to member cities to help fund the cost of Best Management Practices (BMPs) partnership projects with private landowners. Participating projects on private property must be for water quality improvement and must be for improvement above and beyond what would be required to meet Commission rules.

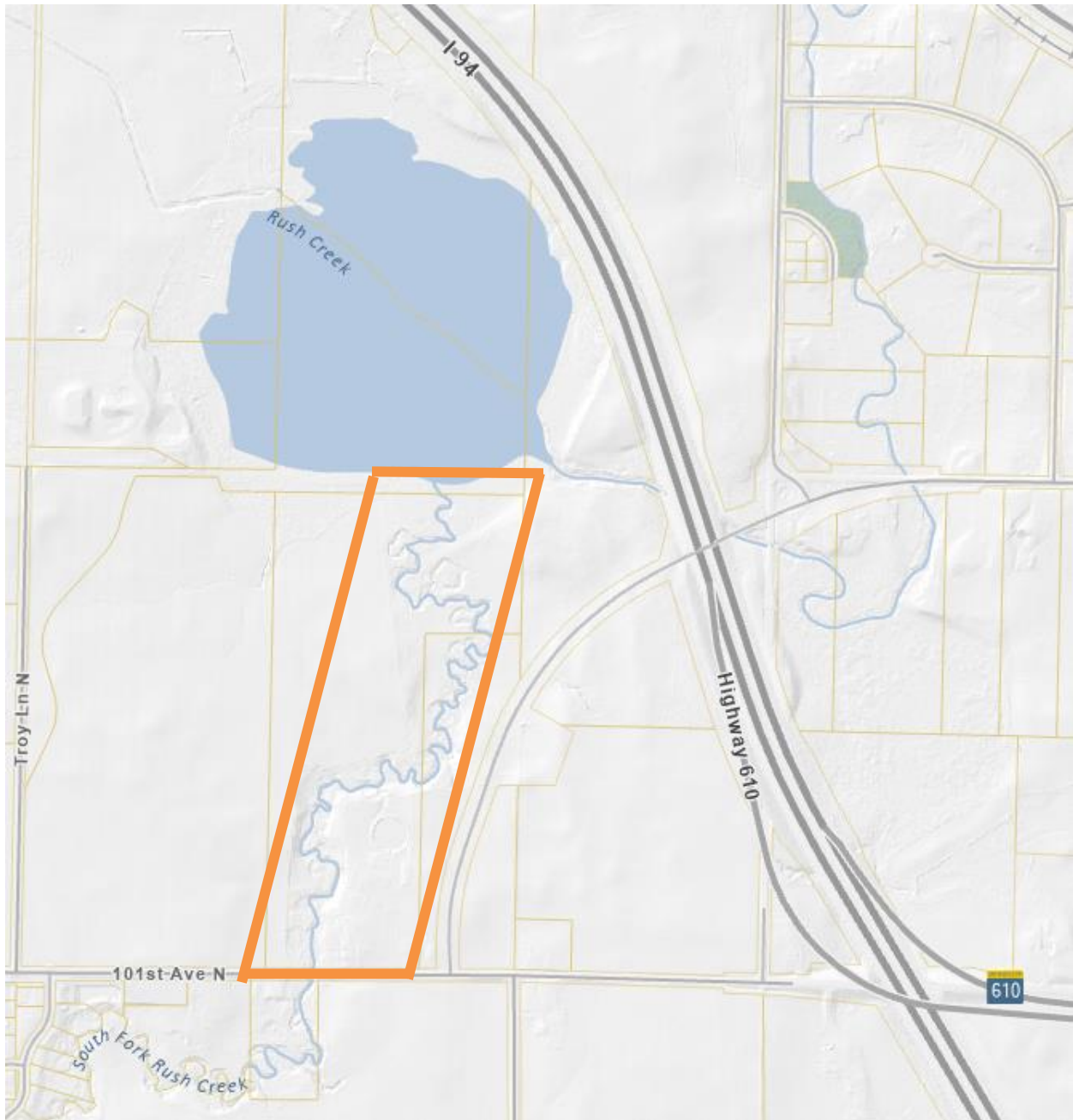


Figure 1. South Fork Rush Creek Stream Restoration project location.



Figure 2. CSAH 12/Dayton River Road Ravine Stabilization project location.



Figure 3. Rogers Downtown Pond Expansion project location.

**ELM CREEK WATERSHED MANAGEMENT COMMISSION
RESOLUTION NO. 2023-003**

**ORDERING 2023 IMPROVEMENTS, DESIGNATING PARTIES
RESPONSIBLE FOR CONSTRUCTION, MAKING FINDINGS,
AND CERTIFYING COSTS TO HENNEPIN COUNTY PURSUANT
TO MINNESOTA STATUTES, SECTION 103B.251**

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"), which includes a Capital Improvement Program (CIP) that has subsequently been amended several times to modify the CIP; and

WHEREAS, the Commission's Cost Share Policy, adopted April 11, 2012, specifies a county tax levy under Minn. Stat. § 103B.251 as a source of the Commission's share of funding for projects proposed in the Commission's CIP; and

WHEREAS, on August 11, 2021, the Commission received a Feasibility Study on Project 2023-01: South Fork Rush Creek Stream Restoration, in the City of Maple Grove, (the "Maple Grove Project"); and

WHEREAS, on April 4, 2023, the Commission entered into a cooperative agreement with the Three Rivers Park District to share a portion of the cost of Project 2023-02: CSAH 12/Dayton River Road Stabilization, in the City of Dayton, (the "Three Rivers Project"); and

WHEREAS, on August 9, 2023, the Commission received a Feasibility Study on Project 2023-03: Downtown Pond Expansion and Reuse, in the City of Rogers, (the "Rogers Project"); and

WHEREAS, the CIP includes annual allocations for City Cost Share Program, hereby known as "Project 2023-04," and Partnership Cost Share Program, hereby known as "Project 2023-05," and specifies a county tax levy under Minn. Stat. § 103B.251 as the source of the Commission's share of funding; and

WHEREAS, on September 13, 2023, following published and mailed notice in accordance with the Commission's Joint Powers Agreement and Minn. Stat. § 103B.251, the Commission conducted a public hearing on the projects.

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

1. The 2023 Projects will be conducive to the public health and promote the general welfare and are in compliance with Minn. Stat. § 103B.205 to 103B.255 (the "Act") and with the Commission's management plan as adopted and amended in accordance with the Act.
2. The costs of the projects are:

Project	Total Estimated Cost	City/ Private	Commission Share	Commission Levy
South Fork Rush Creek Restoration	\$3,250,000	\$2,437,500	\$406,250	\$430,830
CSAH 12/Dayton River Road Stabilization	1,329,410	1,219,410	110,000	116,655
Downtown Pond Expansion and Reuse	406,000-	304,500	101,500	107,640
City Cost Share Program	100,000	100,000	100,000	106,050
Partnership Cost Share Program	50,000	0	50,000	53,025
Subtotal	\$5,135,410	\$4,061,410	\$767,750	\$814,200
5% additional for legal/admin costs			38,390	
Subtotal			806,140	
TOTAL LEVY (101% for uncollectable)			\$814,200	

3. The Commission receives, accepts, and approves the feasibility reports for the Projects, which Projects are hereby ordered.

The cities of Maple Grove and Rogers shall be the members responsible for constructing the Maple Grove Project and the Rogers Project, respectively. Three Rivers Park District in partnership with Hennepin County are designated as the parties responsible for contracting for the construction of the Three Rivers Project. Contracts for construction shall be let in accordance with the requirements of law applicable to said entities. Cooperative Agreements for Projects 2023-01 and 2023-03 between the Commission and the cities of Maple Grove and Rogers, respectively, are approved, and the Chair and Administrator are authorized and directed to execute the agreements.

4. On August 11, 2021, the Commission adopted Guidelines and procedures governing the use of the Commission City Cost Share Program. The Elm Creek Watershed Management Commission will complete Project 2023-04 in accordance with those Guidelines.
5. On August 11, 2021, the Commission adopted Guidelines and procedures governing the use of the Commission Partnership Cost Share Program. The Elm Creek Watershed Management Commission will complete Project 2023-05 in accordance with those Guidelines.
6. The Commission's \$814,200 share of the cost of the 2023 Projects including administrative costs is hereby certified to Hennepin County in accordance with Minn. Stat. § 103B.251 for payment by the County in accordance with Minn. Stat. § 103B.251, Subd. 6 and the Commission's joint powers agreement. Additional costs will be paid by the respective cities wherein the projects reside, but no costs will be charged to other members of the Commission. The Commission understands that the County may pay such costs with taxes levied in 2023 and paid in 2024. The Administrator is directed to transmit a certified copy of this resolution to Hennepin County prior to October 1, 2023.

Adopted by the Commissioners of the Elm Creek Watershed Management Commission the thirteenth day of September, 2023.

Doug Baines, Chair

ATTEST:

(NO SEAL)

Judie A. Anderson, Administrator

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 thirteenth day of September, 2023, 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 thirteenth day of September 2023.

(NO SEAL)

Judie A. Anderson
Recording Secretary

**COOPERATIVE AGREEMENT
FOR
PROJECT 2023-01 SOUTH FORK RUSH CREEK STREAM RESTORATION**

This Agreement is made as of this ____ day of _____, 2023, by and between the Elm Creek Watershed Management Commission, a joint powers watershed management organization (hereinafter the “Commission”), and the City of Maple Grove, a Minnesota municipal corporation (hereinafter the “City”).

WITNESSETH:

WHEREAS, the Commission has adopted the Elm Creek Watershed Management Plan as amended on June 14, 2023 (the “Plan”), a watershed management plan within the meaning of Minn. Stat., § 103B.231; and

WHEREAS, the Plan includes a capital improvement program (“CIP”) that lists a number of water quality project capital improvements; and

WHEREAS, the water quality projects identified in the CIP include the **South Fork Rush Creek Stream Restoration** more fully described in Attachment One to this Agreement, which is hereby made a part hereof (the “Project”); and

WHEREAS, the Plan specifies that projects in the CIP will be partially funded by a County tax levy under Minn. Stat., § 103B.251; and

WHEREAS, on September 14, 2022, and September 13, 2023, the Commission adopted resolutions ordering the Project, directing that it be constructed by the City and that the Commission’s share of the Project costs be certified to Hennepin County for payment in accordance with Minn. Stat., § 103B.251; and

WHEREAS, it is expected that Hennepin County will levy taxes throughout the watershed for the Project, for collection and settlement in 2023 and 2024; and

WHEREAS, the City is willing to construct the Project on the terms and conditions hereinafter set forth;

NOW, THEREFORE, ON THE BASIS OF THE PREMISES AND MUTUAL COVENANTS AND AGREEMENTS HEREINAFTER SET FORTH, THE PARTIES AGREE AS FOLLOWS:

1. The Project will consist of improvements in the City as more fully described in Attachment One.
2. The City will design the Project and prepare plans and specifications for construction of the Project. Plans and specifications are subject to approval by the Commission’s consulting engineer and the City of Maple Grove City Engineer.
3. The City will advertise for bids and award contracts in accordance with the requirements of law. The City will award the contract and supervise and administer the construction of the Project to assure that it is completed in accordance with plans and specifications. The City will require the contractor to provide all payment and performance bonds required by law. The City will require that the Commission be named as additional insured on all liability policies required by the City of the contractor. The City will require that the contractor defend, indemnify, protect and hold harmless the Commission and the City, their agents, officers, and

employees, from all claims or actions arising from performance of the work of the Project conducted by the contractor. The City will supervise the work of the contractor. However, the Commission may observe and review the work of the Project until it is completed.

4. The City will pay the contractor and all other expenses related to the construction of the Project and keep and maintain complete records of such costs incurred.
5. The Commission will secure payment from the County in accordance with Minn. Stat., § 103B.251 in the amount of eight hundred sixty-one thousand six hundred sixty dollars (\$861,660). It is understood that the first half of that tax settlement from the County will be collected in 2023 and the second half is not expected to occur until 2024.

Out-of-pocket costs related to the Project, incurred and paid by the Commission for publication of notices, securing County tax levy, preparation of contracts, review of proposed contract documents and administration of this contract shall be repaid from funds received in the tax settlement from Hennepin County. Amounts received from the County, up to \$812,500, are available for reimbursement to the City for costs incurred by the City in the design and construction of the Project. Reimbursement to the City will be made on completion of the project and submittal of as-builts. Reimbursement to the City will be made as soon as funds are available provided a request for payment has been received from the City providing such detailed information as may be requested by the Commission to substantiate costs and expenses.

6. Reimbursement to the City will not exceed the amount received from the County, up to \$812,500, for the Project. All costs of the Project incurred by the City in excess of such reimbursement, including all costs incurred in excess of estimated project costs due to unforeseen conditions or any other cause, shall be borne by the City or secured by the City from other sources unless otherwise approved by the Commission.
7. All City books, records, documents, and accounting procedures related to the Project are subject to examination by the Commission.
8. The City will secure all necessary local, state, or federal permits required for the construction of the Project.
9. The project will be constructed on land owned or easements held by the City.
10. The City will have ownership of the associated improvements and will maintain them in good operating condition in perpetuity or until such time as they are replaced with like improvements.
11. The City will defend, indemnify, protect and hold harmless the Commission and its agents, officers, and employees, from any claims arising out of the design, construction, or maintenance of the Project, including environmental claims. Nothing herein shall be deemed a waiver of the limitations of liability in Minnesota Statutes, Chapter 466.

The remainder of this page is intentionally blank.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers on behalf of the parties as of the day and date first above written.

ELM CREEK WATERSHED
MANAGEMENT COMMISSION

By _____
Doug Baines, Its Chair

And by _____
Judie A. Anderson, Its Administrator

CITY OF MAPLE GROVE

By: _____
Its Mayor

And by: _____
Its Manager

ATTACHMENT ONE
EXHIBIT A
Elm Creek Watershed Management Commission
Capital Improvement Project Submittal

City	Maple Grove	
Contact Name	Derek Asche	
Telephone	763.494.6354	
Email	dasche@maplegrovern.gov	
Address	12800 Arbor Lakes Parkway, Maple Grove, MN, 55369	
Project Name	South Fork Rush Creek Stream Restoration	
Project Location	101 st Ave N, north to confluence with North Fork Rush Creek	
	1. Is project in Member's CIP? () yes (X) no	Proposed CIP Year = 2022-2024
	2. Has a feasibility study or an engineering report (circle one) been done for this project? (X) yes () no	
		Amount
	Total Estimated Project Cost	\$3,250,000.00
	Estimated Commission Share (up to 25%, not to exceed \$250,000)	\$812,500.00
	Other Funding Sources (name them) City of Maple Grove and other grant programs	\$2,437,500.00
		\$
	3. What is the scope of the project? Stream restoration and floodplain re-establishment from 101st Avenue North, north to the confluence with the North Fork of Rush Creek. Approximately 7,200 linier feet.	
	4. What is the purpose of the project? What water resource(s) will be impacted by the project? Per the feasibility report, the MPCA has identified altered hydrology, altered physical habitat, and excess phosphorus as primary stressors in this reach. Improvements benefit the 7,200 LF of stream, riparian area and downstream resources.	
	5. What is the anticipated improvement that would result from the project? (Include size of area treated and projected nutrient reduction.) Estimated phosphorus reduction of 423.56 lbs per year, improved riparian environment, improved floodplain connectivity, improved recreation and access to the creek, improved education.	
	6. How does the project contribute to achieving the goals and programs of the Commission? The Commission has long supported projects in communities that will improve water resources to reduce or prevent impairments and to reach goals of Total Maximum Daily Load Plans.	
0/10	7. Does the project result from a regulatory mandate? (X) yes () no How? Water quality improvements based on approved TMDL's and MS4 mandates	
0/10/20	8. Does the project address one or more TMDL requirements? (X) yes () no Which? This stretch of Rush Creek is impaired for aquatic life & aquatic recreation. Stream restoration will improve both.	
0/10/20	9. Does the project have an educational component? (X) yes () no Describe. A proposed Three Rivers Park District Regional Trail will cross this segment of creek allowing for public access to the newly restored creek. Additional education components can be added.	
0/10	10. Do all the LGUs responsible for sharing in the cost of the project agree to go forward with this project? (X) yes () no Identify the LGUs. Maple Grove	
10/20	11. Is the project in all the LGUs' CIPs? () yes (X) no Only because Maple Grove has not historically developed capital improvement programming for water resources.	
1-34	(For TAC use) 12. Does project improve water quality? (0-10) 13. Prevent or correct erosion? (0-10) 14. Prevent flooding? (0-5)	15. Promote groundwater recharge? (0-3) 16. Protect and enhance fish and wildlife habitat? (0-3) 17. Improve or create water recreation facilities? (0-3)
TOTAL (poss 114)		Adopted April 11, 2012 Revised May 2019

Z:\ELM CREEK\MANAGEMENT PLAN\EXHIBIT A_APRIL 2012F.DOC

**COOPERATIVE AGREEMENT
FOR
PROJECT 2023-03 ROGERS DOWNTOWN POND EXPANSION AND REUSE**

This Agreement is made as of this ____ day of _____, 2023, by and between the Elm Creek Watershed Management Commission, a joint powers watershed management organization (hereinafter the "Commission"), and the City of Rogers, a Minnesota municipal corporation (hereinafter the "City").

WITNESSETH:

WHEREAS, the Commission has adopted the Elm Creek Watershed Management Plan as amended on June 14, 2023 (the "Plan"), a watershed management plan within the meaning of Minn. Stat., § 103B.231; and

WHEREAS, the Plan includes a capital improvement program ("CIP") that lists a number of water quality project capital improvements; and

WHEREAS, the water quality projects identified in the CIP include the **Downtown Pond Expansion and Reuse Project in the City of Rogers** more fully described in Attachment One to this Agreement, which is hereby made a part hereof (the "Project"); and

WHEREAS, the Plan specifies that projects in the CIP will be partially funded by a County tax levy under Minn. Stat., § 103B.251; and

WHEREAS, on September 13, 2023, the Commission adopted a resolution ordering the Project, directing that it be constructed by the City and that the Commission's share of the Project costs be certified to Hennepin County for payment in accordance with Minn. Stat., § 103B.251; and

WHEREAS, it is expected that Hennepin County will levy taxes throughout the watershed for the Project, for collection and settlement in 2024; and

WHEREAS, the City is willing to construct the Project on the terms and conditions hereinafter set forth;

NOW, THEREFORE, ON THE BASIS OF THE PREMISES AND MUTUAL COVENANTS AND AGREEMENTS HEREINAFTER SET FORTH, THE PARTIES AGREE AS FOLLOWS:

1. The Project will consist of improvements in the City as more fully described in Attachment One.
2. The City will design the Project and prepare plans and specifications for construction of the Project. Plans and specifications are subject to approval by the Commission's consulting engineer and the City of Rogers City Engineer.
3. The City will advertise for bids and award contracts in accordance with the requirements of law. The City will award the contract and supervise and administer the construction of the Project to assure that it is completed in accordance with plans and specifications. The City will require the contractor to provide all payment and performance bonds required by law. The City will require that the Commission be named as additional insured on all liability policies required by the City of the contractor. The City will require that the contractor defend, indemnify, protect and hold harmless the Commission and the City, their agents, officers, and

employees, from all claims or actions arising from performance of the work of the Project conducted by the contractor. The City will supervise the work of the contractor. However, the Commission may observe and review the work of the Project until it is completed.

4. The City will pay the contractor and all other expenses related to the construction of the Project and keep and maintain complete records of such costs incurred.
5. The Commission will secure payment from the County in accordance with Minn. Stat., § 103B.251 in the amount of one hundred seven thousand six hundred forty dollars (\$107,640). It is understood that tax settlement from the County is not expected to occur until 2024.

Out-of-pocket costs related to the Project, incurred and paid by the Commission for publication of notices, securing County tax levy, preparation of contracts, review of proposed contract documents and administration of this contract shall be repaid from funds received in the tax settlement from Hennepin County. Amounts received from the County, up to \$101,500, are available for reimbursement to the City for costs incurred by the City in the design and construction of the Project. Reimbursement to the City will be made on completion of the project and submittal of as-builts. Reimbursement to the City will be made as soon as funds are available provided a request for payment has been received from the City providing such detailed information as may be requested by the Commission to substantiate costs and expenses.

6. Reimbursement to the City will not exceed the amount received from the County, up to \$110,500, for the Project. All costs of the Project incurred by the City in excess of such reimbursement, including all costs incurred in excess of estimated project costs due to unforeseen conditions or any other cause, shall be borne by the City or secured by the City from other sources unless otherwise approved by the Commission.
7. All City books, records, documents, and accounting procedures related to the Project are subject to examination by the Commission.
8. The City will secure all necessary local, state, or federal permits required for the construction of the Project.
9. The project will be constructed on land owned or easements held by the City.
10. The City will have ownership of the associated improvements and will maintain them in good operating condition in perpetuity or until such time as they are replaced with like improvements.
11. The City will defend, indemnify, protect and hold harmless the Commission and its agents, officers, and employees, from any claims arising out of the design, construction, or maintenance of the Project, including environmental claims. Nothing herein shall be deemed a waiver of the limitations of liability in Minnesota Statutes, Chapter 466.

The remainder of this page is intentionally blank.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers on behalf of the parties as of the day and date first above written.

ELM CREEK WATERSHED
MANAGEMENT COMMISSION

By _____
Doug Baines, Its Chair

And by _____
Judie A. Anderson, Its Administrator

CITY OF ROGERS

By: _____
Its Mayor

And by: _____
Its Manager

ATTACHMENT ONE
EXHIBIT A
Elm Creek Watershed Management Commission
Capital Improvement Project Submittal

City	ROGERS	
Contact Name	ANDREW SIMMONS	
Telephone	(763) 428-8580	
Email	asimmons@ci.rogers.mn.us	
Address	22350 South Diamond Lake Road, Rogers, MN 55374	
Project Name	Downtown Rogers Pond Expansion and Reuse	
	Is project in Member's CIP? (x) yes () no	Proposed CIP Year = 2018
		Amount
	Total Estimated Project Cost	\$ 406,000
	Estimated Commission Share (not to exceed \$250,000) \$101.500	\$ 210,000
	City of Rogers Storm Water Utility, Grants	\$ 196,000
		\$
	1. What is the scope of the project? This project will expand the current capacity for stormwater in downtown Rogers. The project will alleviate future redevelopment of downtown and provide an opportunity for water reuse for landscaping.	
	2. What is the purpose of the project? What water resource(s) will be impacted by the project? This project will address water quantity and quality issues the downtown area of Rogers will be facing as redevelopment continues per our 2030 Metropolitan Council approved plan.	
	3. What is the anticipated improvement that would result from the project? Major water quality improvements are anticipated with this project for TP and TSS reductions. The pond expansion will also feature a stormwater reuse for the irrigation of nearby parks. The additional storage area will reduce flooding within the Downtown Rogers Area.	
	4. How does the project contribute to achieving the goals and programs of the Commission? This project will reduce erosion, conserve water, and improve water quality.	
0/10	6. Does the project result from a regulatory mandate? () yes (x) no How?	
0/10/20	7. Does the project address one or more TMDL requirements? (x) yes () no Which? North Fork Crow River Turbidity and Dissolved Oxygen TMDL	
0/10/20	8. Does the project have an educational component? () yes (x) no Describe.	
0/10	9. Do all the LGUs responsible for sharing in the cost of the project agree to go forward with this project? (x) yes () no Identify the LGUs. City of Rogers	
10/20	10. Is the project in all the LGUs' CIPs? (x) yes () no	
1-34	(For TAC use) 11. Does project improve water quality? (0-10) 12. Prevent or correct erosion? (0-10) 13. Prevent flooding? (0-5)	14. Promote groundwater recharge? (0-3) 15. Protect and enhance fish and wildlife habitat? (0-3) 16. Improve or create water recreation facilities? (0-3)
TOTAL (poss 114)		

Z:\Elm Creek\CIPs\2016 submittals\RO-03_Rogers Downtown Pond Expansion and Reuse.doc

elm creek Watershed Management Commission

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

New Fire Station Rogers Project #2023-010

Project Overview:

Location: Disturbing approximately 3.03 acres in Rogers located at 141st Ave N, Rogers, MN.
Purpose: Construct a new building, parking lots, sidewalks, an access road tying into Northdale Blvd, and driveways.

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

Applicant: City of Rogers

Address: 22350 South Diamond Lake Road,
Rogers, MN 55374

Attention:

Phone: (763) 428-2253

Email: dcote@rogersmn.gov

Agent: Bolton & Menk

Address: 7575 Golden Valley Road,
Golden Valley, MN 55427

Attention: Laura Detzler

Phone: (763) 544-7129

Email: Laura.detzler@bolton-menk.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	May 17, 2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	May 17, 2023
	<input checked="" type="checkbox"/> City authorization: Rogers, MN	May 14, 2023
	<input checked="" type="checkbox"/> Review fee: \$3,375	April 28, 2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	May 17, 2023

Submittals

- Stormwater Management Plan, dated April 2, 2023, prepared by Bolton & Menk, revised August 22, 2023, and August 30, 2023
 - Stormwater Narrative
 - Existing and Proposed Drainage Maps
 - Existing and Proposed HydroCAD models
- Construction Drawings, dated May 4, 2023, prepared by Bolton & Menk, revised August 4, 2023
- Geotechnical Report, dated June 19, 2023, prepared by American Engineering Testing

Findings

General

1. A complete application was received May 17, 2023. The initial 60-day decision period per MN Statute 15.99 expires July 16, 2023. An additional 60-day decision period which expires on September 14, 2023.
2. The existing 4.41-acre site consists of commercial development and parking lots. Stormwater currently drains to onsite inlet structures to the north and south. There is also runoff to the west that is mostly infiltrated due to the HSG A soils.
3. Construction consists of a new fire building, a parking lot, a new access road to the north, and driveway entrance on the south.
4. The development will create 0.90-acres of impervious area, all of which is net, new impervious.
5. Two new underground storage systems will be constructed to meet the water quality and abstraction requirements.
6. Soil borings indicate managed turf, sand, and silty sand. Infiltration is feasible.
7. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

Rule D – Stormwater Management

General

1. The disturbed area is approximately 4.41-acres. The project will result in 2.23-acres of impervious area, 0.90-acres of which is net, new impervious.
2. Soil borings indicate managed turf, sand, and silty sand throughout the site. Infiltration is feasible.
3. No groundwater was encountered.
4. Stormwater will be managed with two BMP areas which are comprised of a two-cell underground storage system (UGS) with infiltration and an existing infiltration basin.
5. One cell will be located underneath the main parking lot east of the building and will have an emergency overflow connection to storm sewer under 141st Ave. The second cell will run along the north end of the proposed access road.

Rate Controls

1. Rate control **meets** Commission requirements.
2. The proposed underground chambers were sized to draw down within 48 hours.
3. The applicant provided HydroCAD models for the 2-year, 10-year, and 100-year events total outflow from each drainage from the site. The rates are summarized in Table 1.

Table 1 Rate of Discharge Leaving Site

Location	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
North Culvert	Pre-Project	3.75	7.30	12.67
	Proposed	0.51	0.99	11.35
	Change	-3.24	-6.31	-1.32
South Culvert	Pre-Project	1.22	2.60	5.85
	Proposed	1.23	2.61	5.87
	Change	+0.01	+0.01	+0.02
3L – Existing CB	Pre-Project	0.69	1.04	1.75
	Proposed	0.86	1.29	2.16
	Change	+0.17	+0.25	+0.41
Total	Pre-project	5.66	10.94	20.27
	Proposed	2.60	4.89	19.38
	Change	-3.06	-6.05	-0.89

Low Floor Elevations

1. Low floors **meet** Commission requirements.
2. The low floor elevations must be at least two feet above the 100-yr high water level (HWL) and at least one foot above the EOF for the stormwater pond.

Operation and Maintenance

The applicant will need to enter a stormwater maintenance agreement with the City of Rogers.

Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls **do meet** Commission requirements
2. Infiltration from 1.1 inches of runoff from impervious areas is feasible.
3. The applicant proposes to use infiltration to meet the Commission's requirement for abstraction.
4. Net, new impervious areas will be 0.90-acres from the site, requiring abstraction of 3,594 cubic feet.
5. The applicant provides the infiltration vole requirement of 1.1 inches over all impervious surfaces.

Table 2 Water Quality Summary

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet)	TP (lbs/year)	TSS (lbs/year)
Pre-Project	N/A	N/A	N/A	N/A
Proposed (w/ BMP's)	N/A	3,594 (required) 6,253 (provided)	N/A	N/A
Change	N/A	+2,659 (excess)	N/A	N/A

Rule E – Erosion and Sediment Control (plans)

1. Plans **meets** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Rock construction entrance
 - b. Silt fence
 - c. Biolog Ditch Check
 - d. Catch basin inlet protection
 - e. Permanent erosion control devices
 - f. Stabilization of disturbed soil areas

Recommendation

Approval

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 operation and maintenance plan that is approved by the City of Rogers.

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



Date 9/1/2023

Attachments

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

Figure 1 Project Location

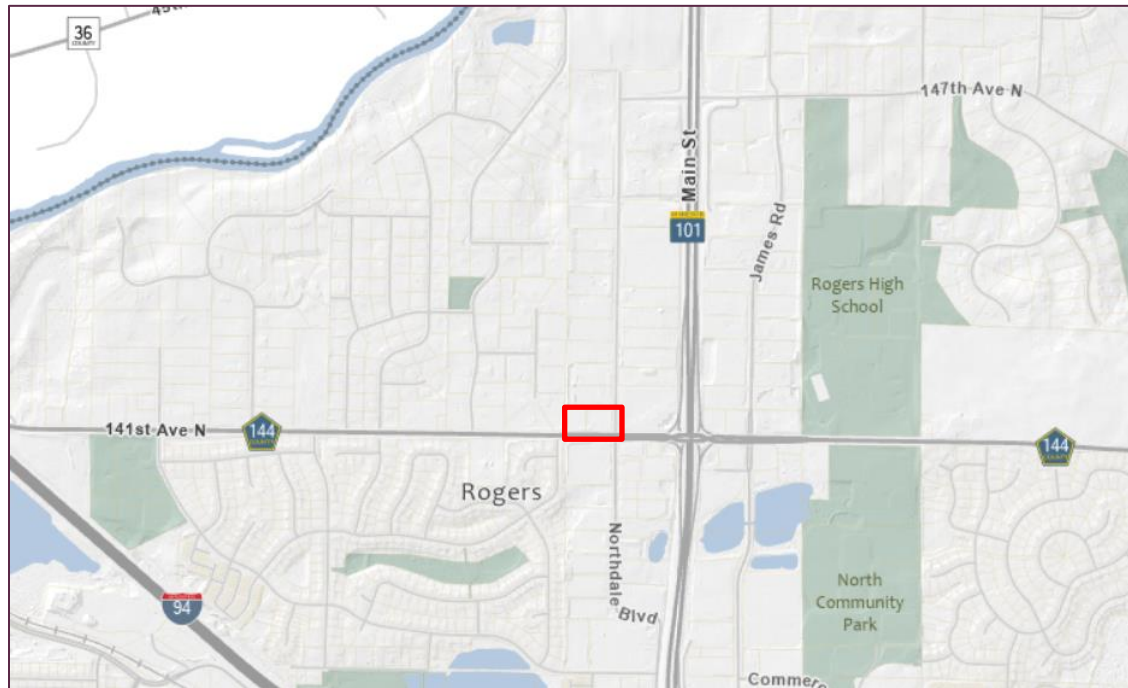


Figure 2 Existing Drainage Map

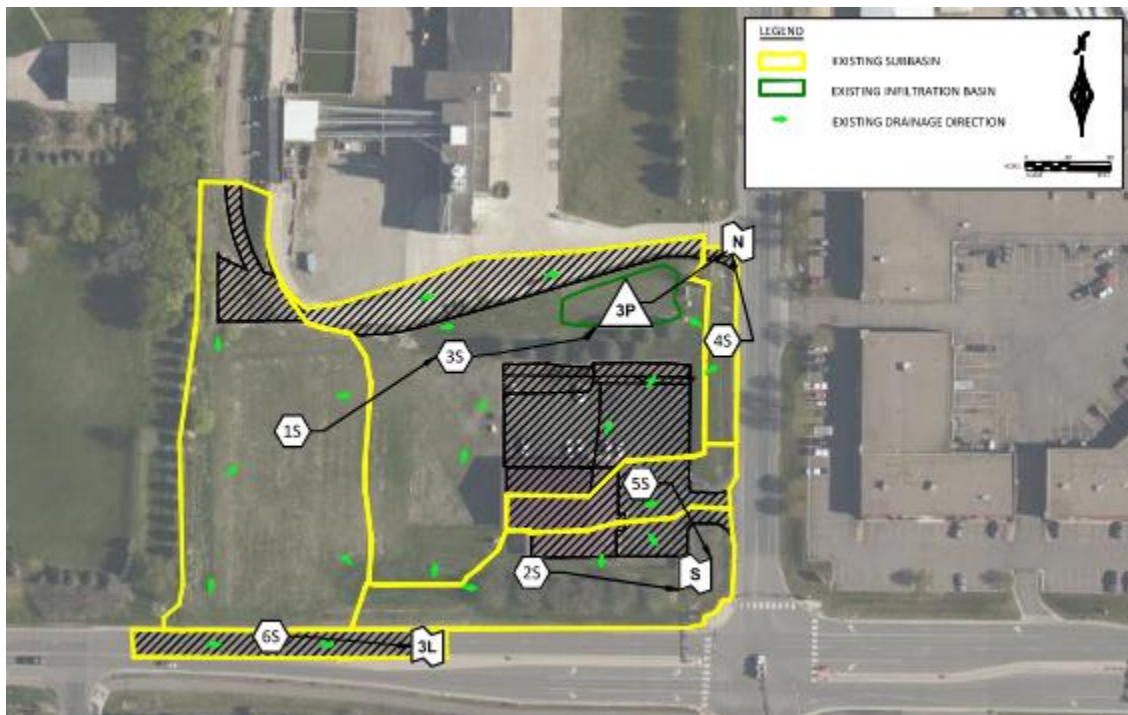
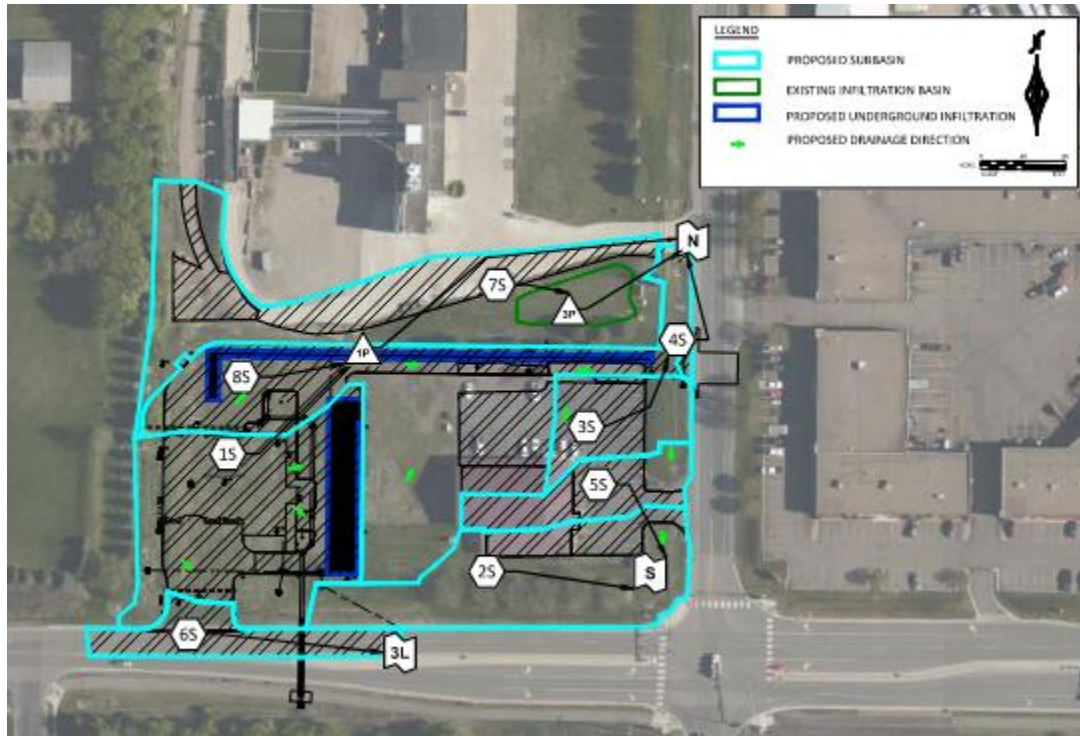


Figure 3 Proposed Drainage Plan



elm creek Watershed Management Commission

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

Veit Pit – Sand and Gravel Mine Rogers Project #2023-017

Project Overview:

Location: Disturbing approximately 11.9 acres of farmland and woodland located southwest of the intersection of 141st Avenue and Willandale Road in Rogers. The project will temporarily be creating 1.80 acres of impervious surface during mining operations.

Purpose: Sand and gravel mining and processing operations.

WMC Rules X Rule D Stormwater Management

Triggered: X Rule E Erosion and Sediment Control
Rule F Floodplain Alterations
Rule G Wetland Alteration
Rule H Bridge and Culvert Crossings
Rule I Buffer Strips
Rule K Variance

Applicant: Veit & Companies, Inc.

Address: 14000 Veit Place
Rogers, MN 55374

Attention: Jesse Roush

Phone: (763) 428-6739

Email: jesse.roush@veitusa.com

Agent: Carlson McCain

Address: 3890 Pheasant Ridge Drive NE,
Suite 100
Blaine, MN 55449

Attention: Dan Wilke

Phone: (952) 346-3864

Email: dwilke@carlsonmccain.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	March 13, 2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	March 13, 2023
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	March 14, 2023
	<input checked="" type="checkbox"/> Review fee: \$4,050	April 3, 2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	March 14, 2023

Submittals

1. Field Wetland Delineation Report, dated June 26, 2023, prepared by Carlson McCain
2. Pollution Prevention Plan, dated May 19, 2023, prepared by Carlson McCain (updated August 15, 2023)
 - a. Stormwater Control Measures narrative
 - b. Existing and Proposed Drainage Maps
 - c. Existing, interim, and reclaimed conditions HydroCAD models

3. Interim Use Permit Application, dated May 16, 2023, prepared by Carlson McCain (updated August 15, 2023)
 - a. Mining Plan
 - b. Reclamation Plan
 - c. Soil boring and analysis

Findings

General

1. A complete application was received July 25, 2023. The initial 60-day decision period per MN Statute 15.99 expires September 23, 2023.
2. The existing 54.41-acre site contains agricultural land and woodland with multiple wetland areas. Stormwater currently drains from the site to a wetland in the Northwest corner of the property. This wetland has no outlet. The site is situated between The Crow River (0.13 miles north), Sylvan Lake (0.4 miles southwest) and Cowley Lake (0.3 miles east), all listed as impaired waters.
3. During mining operations, all stormwater falling within the mining area will be contained within the mining area limits.
4. Construction consists of developing the site for mining and processing operations for sand and gravel used for construction projects.
5. The development will create 1.80-acres of impervious area for haul roads and processing areas, all of which is net, new impervious. Added impervious will be removed under reclaimed conditions.
6. An infiltration basin will be constructed/used to meet the water quality and abstraction requirements.
7. Soil borings indicate that in-situ soils are HSG A and B.
8. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

Rule D – Stormwater Management

General

1. The disturbed area is approximately 11.9-acres. The project will result in 1.80-acres of impervious area, all of which will be removed for reclamation. No net new impervious area is proposed under reclaimed conditions.
2. Soil boring logs indicate that in-situ soils are HSG A and B.
3. Stormwater will be managed with an infiltration basin.
4. The ultimate discharge location of the site is a wetland in the northwest corner of the site. This wetland is landlocked but will ultimately drain towards the Crow River, 0.13 miles north.

Rate Controls

1. Rate control **meets** Commission requirements.
2. The proposed basins were sized to draw down within 48 hours.
3. The applicant provided a HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each drainage from the site. The rates are summarized in Table 1.

Table 1 Rate of Discharge Leaving Site

Location	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
NW Wetland	Pre-Project	3.1	11.5	35.7
	Interim Mining	0.2	6.5	35.7
	Change	-2.9	-5.0	-0.0

Location	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
NW Wetland	Pre-Project	3.1	11.5	35.7
	Reclamation	0.7	4.6	15.2
	Change	-2.4	-6.9	-20.5

Low Floor Elevations

1. Low floors **meet** Commission requirements.
2. The low floor elevations must be at least two feet above the 100-yr high water level (HWL) and at least one foot above the EOF for the stormwater basin.
3. There are no hydraulically connected structures near the infiltration basin.

Operation and Maintenance

All stormwater BMPs will be inspected and maintained by the owner as detailed in the Project Pollution Prevention Plan.

Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls **meet** Commission requirements.
2. The applicant proposes to use infiltration to meet the Commission's requirement for abstraction.
3. Proposed basin will provide Infiltration from 1.1 inches of runoff from impervious area.
4. Proposed, new impervious areas will be 1.80-acres from the site (during interim mining conditions), requiring abstraction of 0.165 acre-feet (7,200 cubic feet).
5. Full infiltration of 1.1 inches of runoff from impervious surface will satisfy TP and TSS water quality requirements.

Rule E – Erosion and Sediment Control

1. Plans **meets** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:

- a. Rock construction entrance
- b. Silt fence
- c. Stormwater Pond
- d. Stabilization of disturbed soil areas

Recommendation

Approval

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.

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



Date 9/6/2023

Attachments

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

Figure 1 Project Location

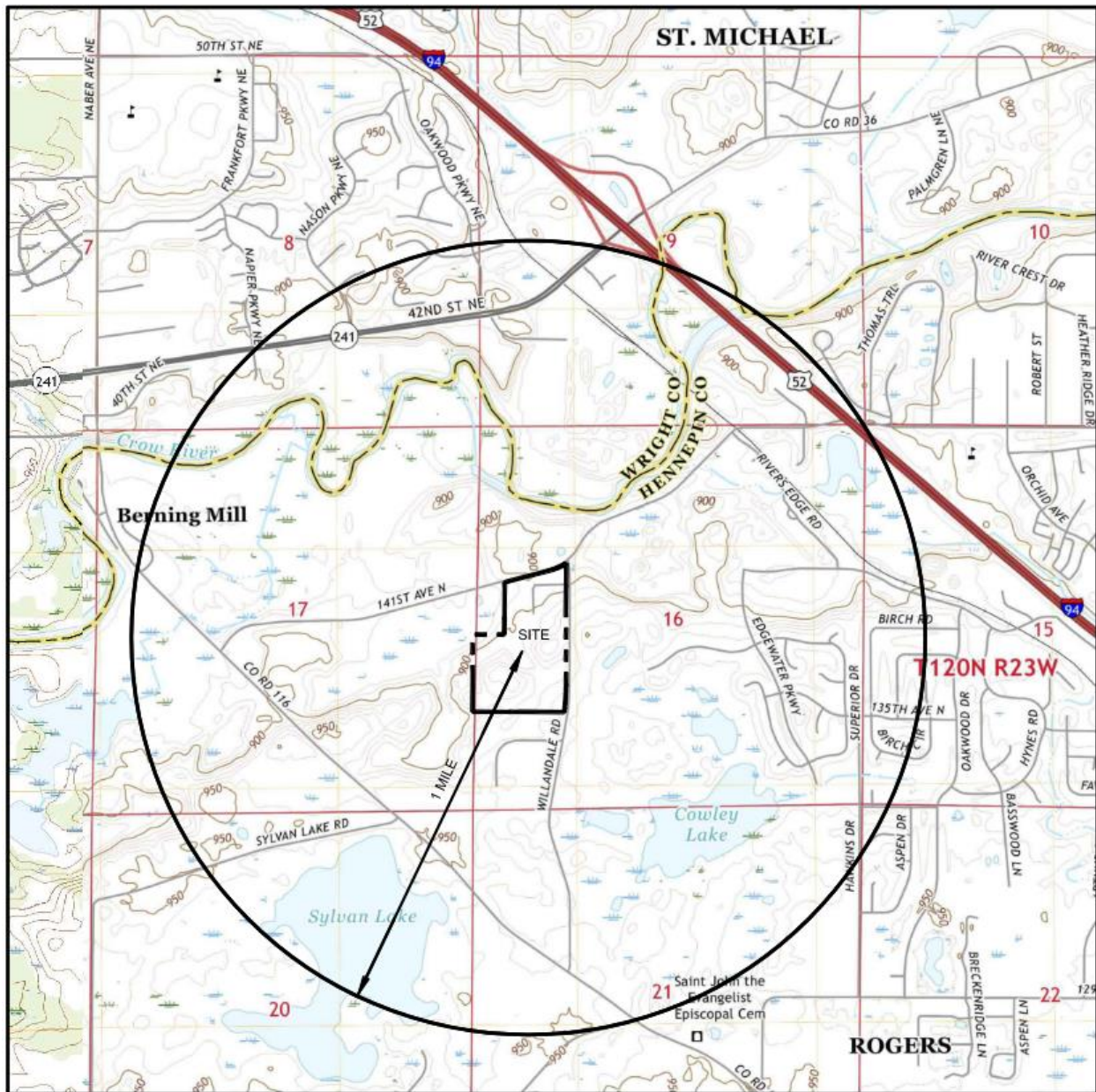


Figure 2 Existing Drainage Map

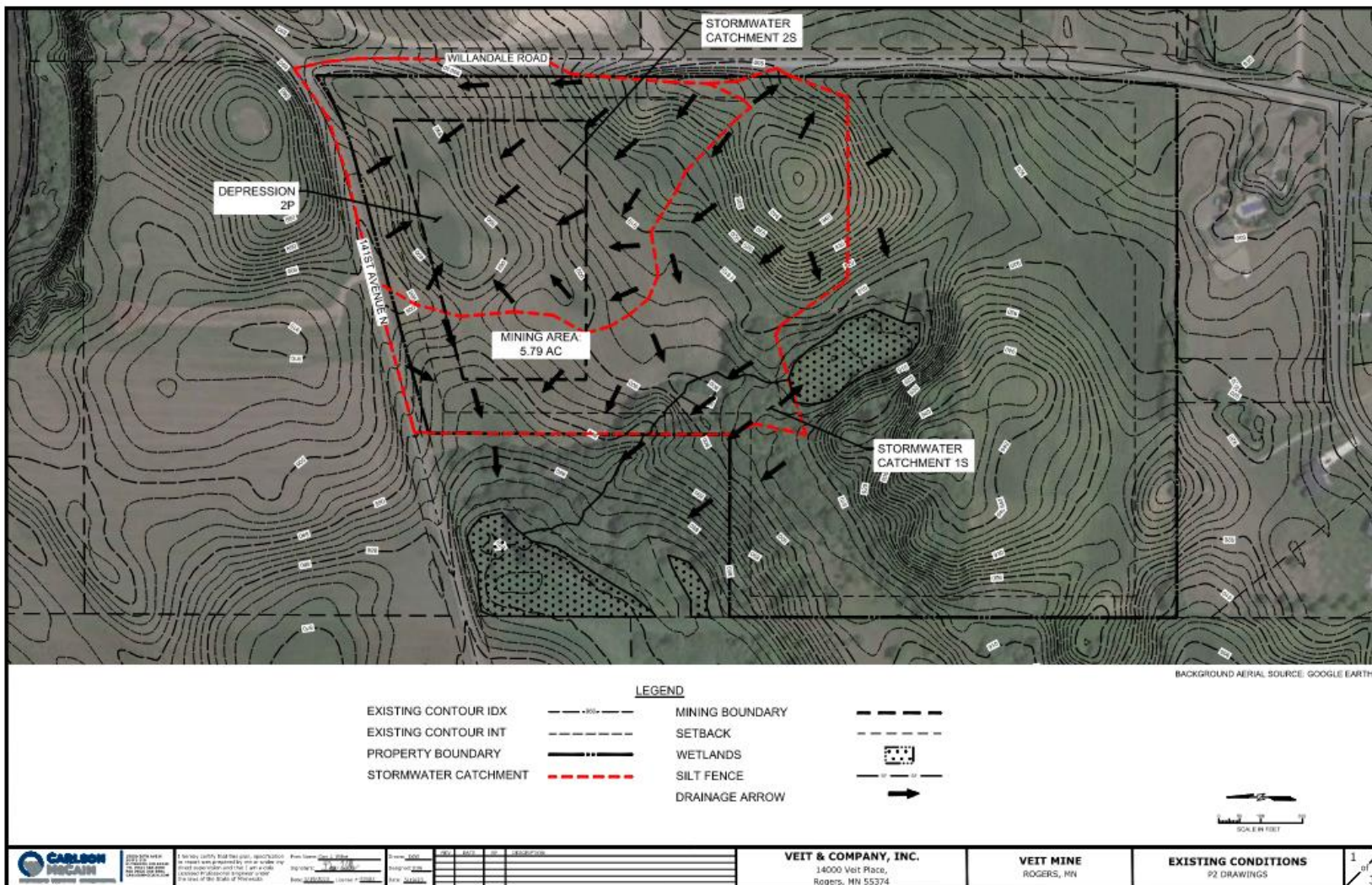
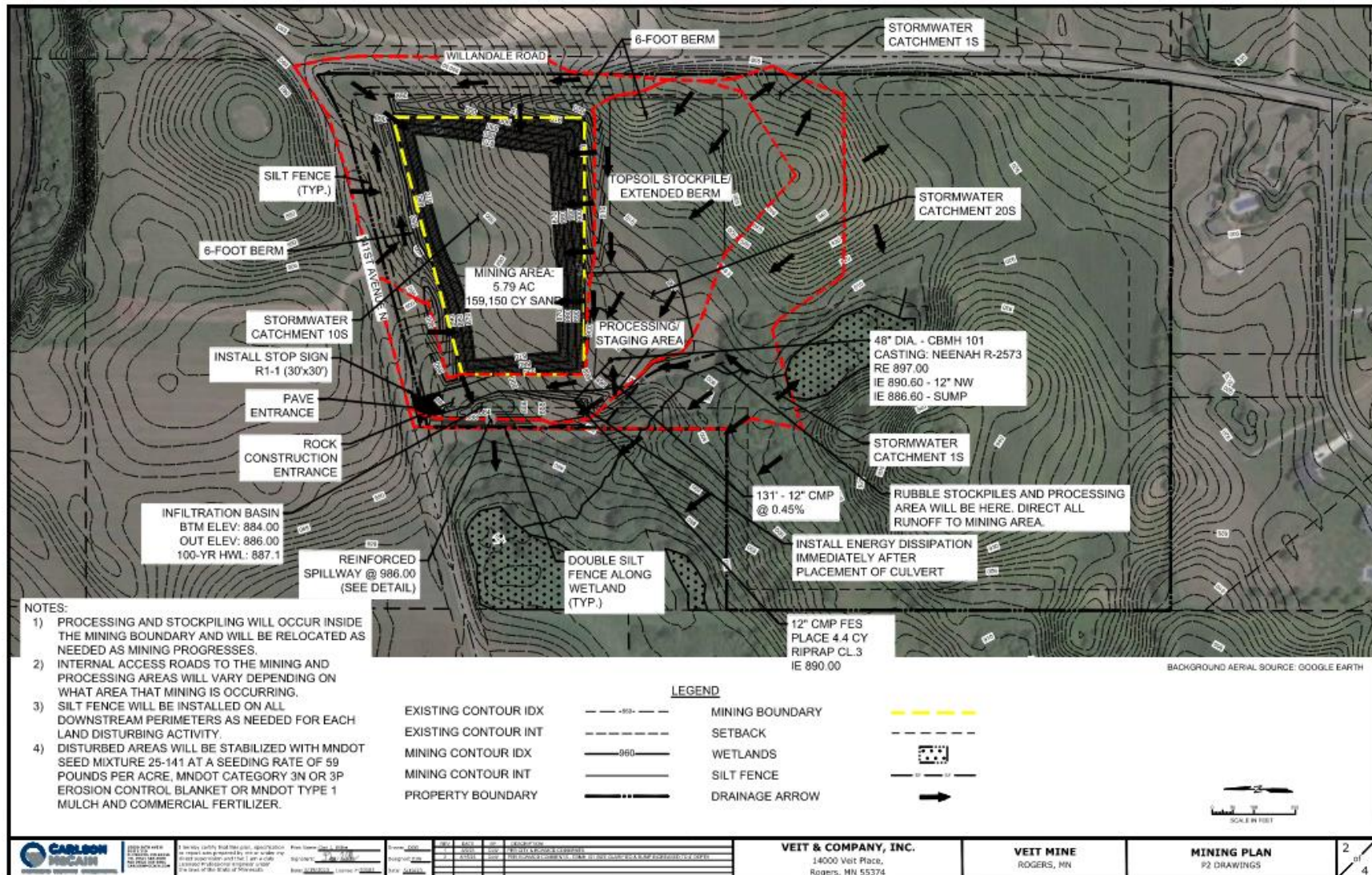


Figure 3 Proposed Drainage Plan



elm creek Watershed Management Commission

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

Brayburn Trails II Dayton, Project #2023-018

Project Overview:

Location: This is a reported 58.53 acres development in Dayton. The proposed development is located south of 117th Avenue North, on the west side of Fernbrook Lane. It is north of Rush Creek and southeast of French Lake. The parcel lies primarily in the watershed draining to Elm Creek (51.91 acres) and 5.11 acres lie in the watershed tributary to Rush Creek. Hennepin County lists the parcel as 57.06 acres.

Purpose: TC Land Development is proposing 145 single family home lots and public roads. The applicant is proposing to add 15.52 acres of new impervious (a total of 16.25 acres of impervious including the 0.73 acres of existing impervious). The project will disturb 55 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
		Rule I	Buffer Strips

Applicant: TCLD LF2 Brayburn II, LLC
Address: 4800 Olson Memorial Highway
Suite 100
Golden Valley, MN 55422

Attention: Tracey Rust
Phone: 952-221-2566
Email: tracey@tclanddev.com

Agent: Alliant Engineering
Address: 733 Marquette Ave. S. Ste 700
Minneapolis, MN 55402

Attention: Ben Palazzolo
Phone: 651-788-9616
Email: bpalazzolo@alliant-inc.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	8/11/2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	8/7/2023
	<input checked="" type="checkbox"/> City authorization: Dayton, MN	8/3/2023
	<input checked="" type="checkbox"/> Review fee: \$5,900*	8/11/2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	8/7/2023

Submittals

1. Stormwater Management Hydrologic and Hydraulic Study dated 8/1/2023 by Alliant Engineering with narrative, summaries, HydroCAD modeling output for existing and proposed conditions and MIDS Calculation (287 pages).
2. Plans for Brayburn Trails II with Stormwater Pollution Prevention Plan by Alliant Engineering dated 8/1/2023.

Findings

General

1. A complete application was received August 11, 2023. The initial 60-day decision period per MN Statute 15.99 expires October 10, 2023.
2. The existing 58.53 acre Dayton parcel is proposed for conversion to 145 single family home lots and associated roadways and utilities.
3. The project will disturb 55 acres resulting in 16.25 acres of impervious in Dayton.

Rule D – Stormwater Management

General

1. Existing drainage patterns on this site flow largely drain to Elm Creek and a smaller portion to Rush Creek. Future drainage proportions in terms of directional runoff will remain similar.
2. NURP Ponds, two with biofiltration, are proposed to control flow rates and provide water quality benefits for the change in land use on this site.
3. C/D soils on site will require the use of filtration instead of abstraction.
4. Low Floor Elevations for grading meet the Commission's requirements to be than 2.0 feet above the 100-year elevation and 1.0 foot above the emergency overflow elevation to adjacent water features.

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 NURP permanent sedimentation ponds appropriately designed for the 2.5-inch event dead pool storage (minimum- most ponds have significantly more storage), two basins have bio-filtration shelves as well.

Loads	Existing	Proposed (without treatment)	Proposed (with treatment)
TP (lbs)	24.6	51.4	12.9
TSS (lbs)	4,472.6	8,944.6	492.1

Rate Controls

1. Proportions of existing and proposed flow remain similar to each of the runoff directions.
2. Modeling shows rate controls for the 2-year and 10-year event **meet** Commission requirements.

Table 1 Rate of Discharge Leaving Site – Brayburn Trails II

Existing				
Event	NW	NE	South	East
2 YR (2.87" 24 hr)	10.35	22.76	9.93	0
10 YR (4.27" 24 hr)	25.4	33.07	23.1	0.41
100 YR (7.21" 24 hr)	63.34	124.68	55.24	8.3
Total	99.09	180.51	88.27	8.71
Proposed				
Event	NW	NE	South	East
2 YR (2.87" 24 hr)	4.1	11.43	9.61	0.2
10 YR (4.27" 24 hr)	10.49	21.67	21.67	0.34
100 YR (7.21" 24 hr)	15.46	43.67	50.77	0.61
Total	30.05	76.77	82.05	1.15

Abstraction Controls

1. Abstraction controls **meet** Commission requirements.
2. New impervious areas will be 16.25 acres. The total infiltration/ filtration volume for 1.1 inches totals 64,886 cubic feet.
3. Abstraction provided in the two basins, BMP 2 and BMP 7, site total 69,504 cubic feet of filtration, the drain tiles are sized to draw down within 48 hours.

Table 3 Abstraction – Brayburn Trails II

Abstraction Credit	Reported Volume (cubic feet)
BMP 2	42,020
BMP 7	29,484
Total Abstraction	69,504

Rule E – Erosion and Sediment Control

1. Plans **meets** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Rock construction entrance
 - b. Silt fence
 - c. Stormwater Pond
 - d. Stabilization of disturbed soil areas for interim and final conditions.

Recommendation

Motion: For the Commission meeting, staff recommends approval of project #2023-018 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. *The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded.*

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

9/5/2023
Date

Attachments

- Figure 1 Site Location Map
- Figure 2 Aerial Imagery
- Figure 3 Existing Drainage Pattern Map
- Figure 4 Proposed Drainage Pattern and Grading Plan

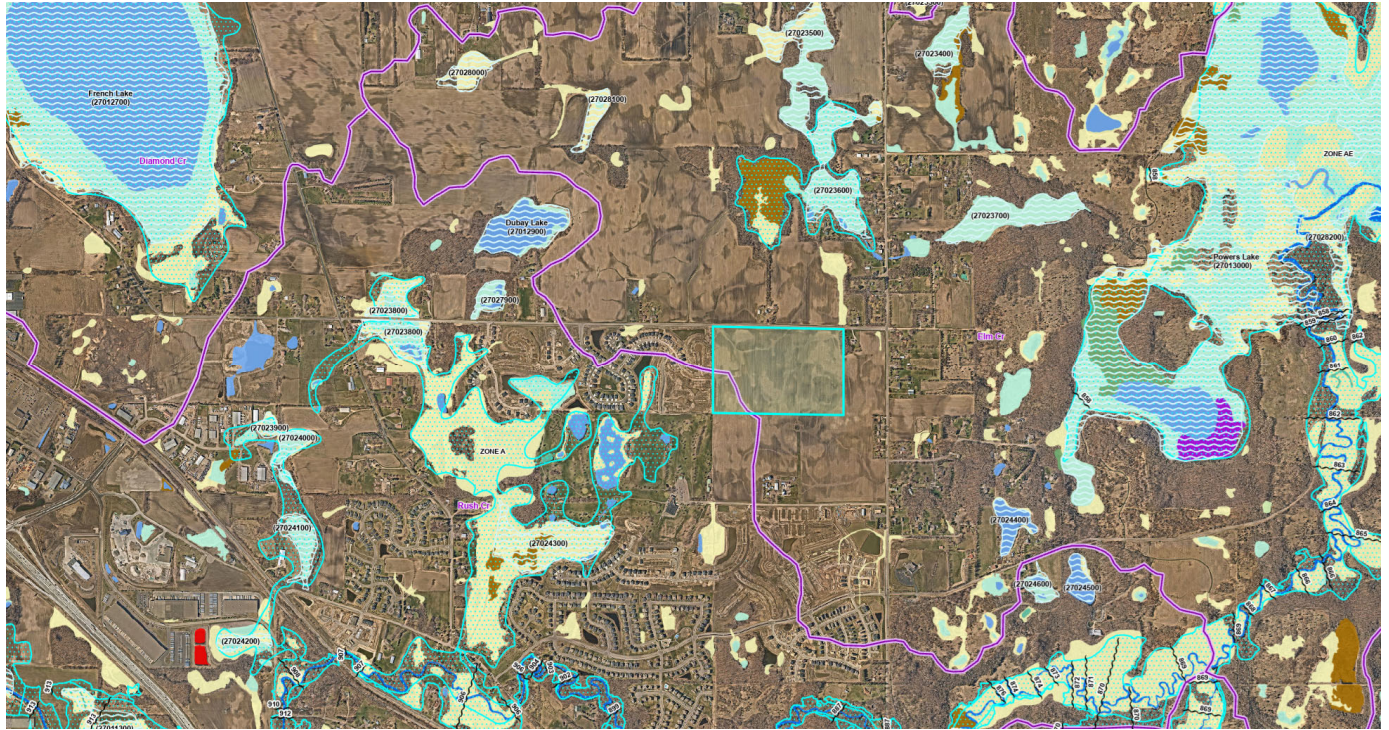


Figure 1 Site Location Map

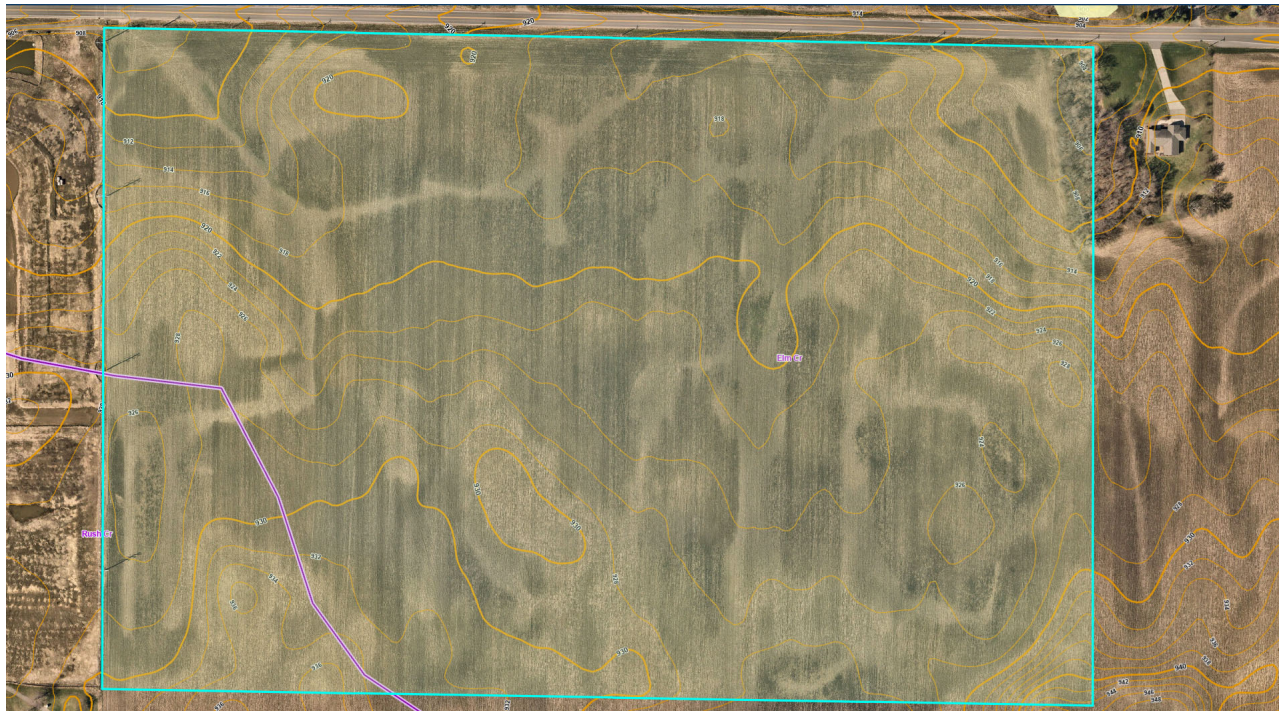


Figure 2 Aerial Imagery

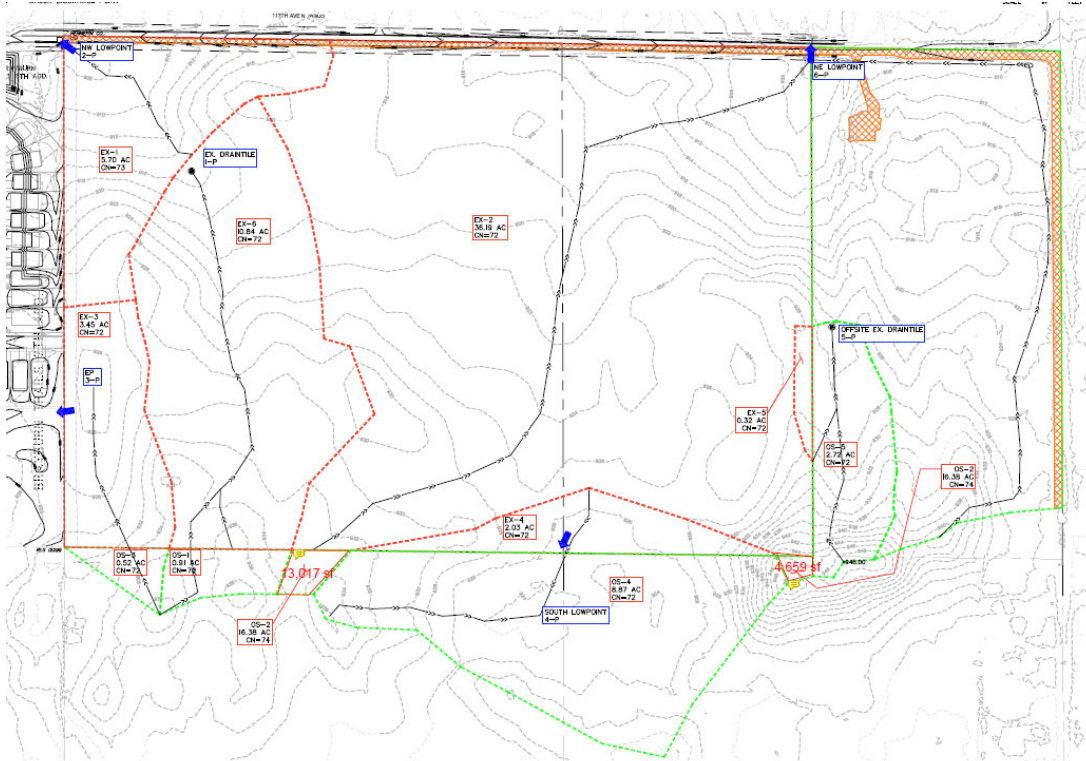


Figure 3 Existing Drainage Pattern Map

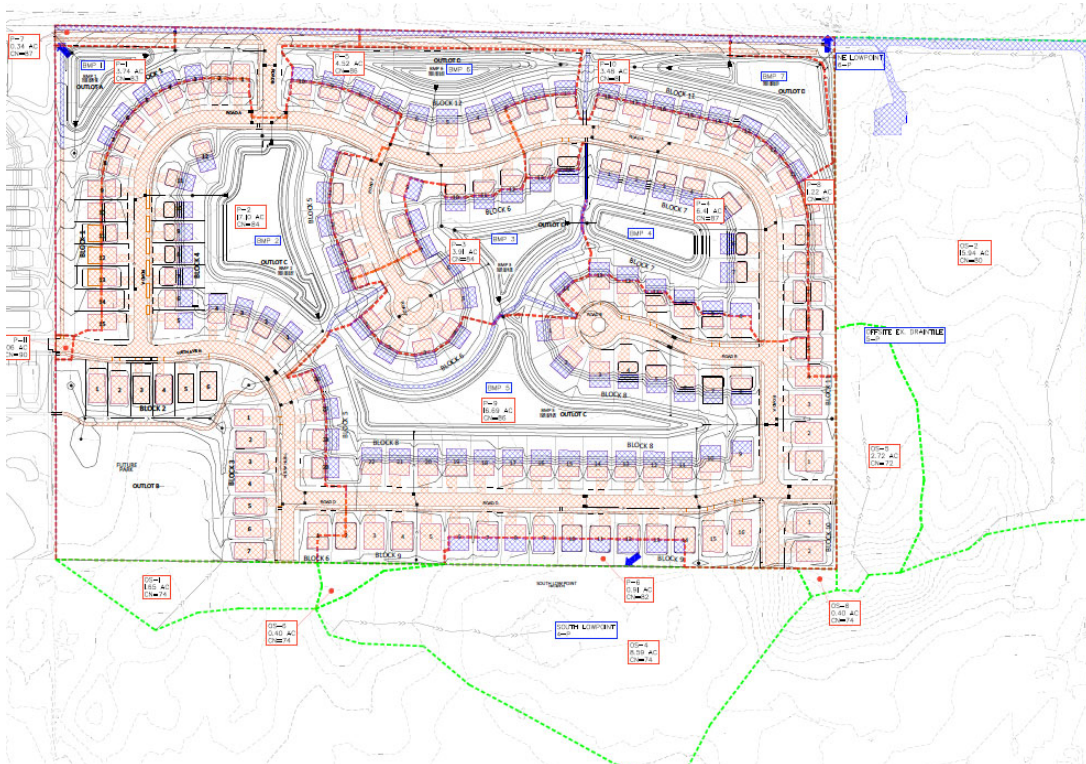


Figure 4 Proposed Drainage Pattern & Grading Plan

elm creek Watershed Management Commission

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

23240 Co Rd 30 Corcoran, Project #2023-019

Project Overview:

Location: This 9.46-acre site is located on the north side of 97th Ave. N. (CSAH 30) and the east side of CSAH 19 in the City of Corcoran, MN.

Purpose: The project proposes an aggregate surface for staging construction equipment adding 2.35 acres of new impervious (for a post project total of 2.97 acres of impervious). The project will disturb 5.3 acres through grading, installation of a stormwater basin, stabilizing off site drainage, one site drainage management and erosion control.

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: T. Scherber Demolition and
Excavation

Attention: Trevor Scherber

Address: 11415 Valley Drive
Rogers, MN 55374

Phone: 952-292-9633

Email: trevor@tscherber.com

Agent: Civil Engineering Site Design

Attention: Scott Dahlke

Address: PO Box 566
Monticello, MN 55362

Phone: 762-314-0929

Email: sdahlke@civilsd.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	8/31/2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	8/11/2023
	<input checked="" type="checkbox"/> City authorization: Corcoran, MN	8/7/2023
	<input checked="" type="checkbox"/> Review fee: \$5,900* (applicant submitted \$6,900)	8/11/2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	8/11/2023

Submittals

1. Stormwater Management Hydrologic and Hydraulic Study dated 8/31/2023 by Alliant Engineering with narrative, summaries, HydroCAD modeling output for existing and proposed conditions and MIDS Calculation (287 pages), updated 8/31/2023.
2. Plans for Brayburn Trails II with Stormwater Pollution Prevention Plan by Alliant Engineering dated 8/1/2023, updated 8/31/2023.

Findings

General

1. A complete application was received August 31, 2023. The initial 60-day decision period per MN Statute 15.99 expires October 30, 2023.
2. The existing site is a single farmstead with pasture, crop land to the north and east and vacant pasture west of CSAH 19. Rural residential homesites are located south of CSAH 30.
3. The project disturbs 5.3 acres of the 9.45-acre lot creating 2.35 acres of new impervious for a post development total of 2.97 acres of impervious post project.
4. A NURP pond with a filtration bench is proposed to meet commission requirements to manage peak flows, treat stormwater. Hennepin County soils maps showing C and D soils on site, as such the application is proposing a filtration bench withing the bench of the NURP Pond.
5. There are no Elm Creek Watershed Jurisdictional floodplains or stream crossings within this site.
6. A small pond area (Area 2) which is shown as a wetland, was determined through a 10/6/2020 WCA review that it was not a wetland.
7. Low Floor Elevations meet the Commission's requirements to be more than 2.0 feet above the 100-year elevation and 1.0 foot above the emergency overflow elevation to adjacent water features.

Rule D – Stormwater Management

General

1. Existing site drainage includes significant run-on from off-site. Drainage from CR 19 and parcels to the west flow through an existing 24-inch RCP under CR 19. The drainage from the 24-inch culvert and the main portion of the property drainage flows to a low area on site which is drain tiled for farming practices to another low area on the adjacent property to the northeast about 500 feet from the project parcel. The southern part of the property drains to the north County Road 30 ditch. Most of the eastern part of the property drains to the northeast. Slopes on site range from 1% to 25%.
2. Proposed conditions largely maintain the run-on condition from the west but converts from drain tile to a swale.
3. A NURP stormwater pond with filtration bench is proposed to control flow rates and provide water quality treatment for the change in land use on this site.
4. On-site soil borings were not provided. The Hennepin County maps indicate C/D soils on site meaning abstraction requirements will be met through filtration.

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 NURP permanent sedimentation ponds appropriately designed for the 2.5-inch event dead pool storage, the pond also has a bio-filtration shelf.

Loads	Existing	Proposed (without treatment)	Proposed (with treatment)	Net Change
Annual Volume (ac-ft)	6.51	NA	8.12	+ 1.61
TP (lbs/ yr)	5.31	7.93	5.26	-0.05
TSS (lbs/yr)	966	1,850	965	-1

Rate Controls

1. The site and run-on from the west drains primarily to northeast, with small portions of the site draining to the CD 30 ditch on the south side and to the east.
2. While there are the existing and proposed drainage patterns remains largely unchanged,
3. Modeling shows rate controls for the 2-year and 10-year event **meet** Commission requirements.

Table 1 Rate of Discharge Leaving Site – County Road 30

	Runoff Rate- Existing Conditions		
	2 Year	10 year	100 year
NE Runoff 94.1 Ac	2.13	3.29	27.23
Runoff to CR 30- 1.9 ac	2.58	4.66	9.7
Total	4.71	7.95	36.93
	Runoff Rate- Proposed Conditions		
	2 Year	10 year	100 year
NE Runoff 94.1 Ac	1.45	2.18	27.02
Runoff to CR 30- 1.9 ac	2.44	4.5	9.53
Total	3.89	6.68	36.55

Abstraction Controls

1. Abstraction controls **meet** Commission requirements.
2. New impervious areas will be 2.35 acres of new impervious area in Corcoran (102,550 square feet). The total infiltration/ filtration volume for 1.1 inches over proposed impervious required is 9,400 cubic feet provided in the bench of the NURP Pond over 48 hours.

Rule E – Erosion and Sediment Control

1. Plans **meets** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Rock construction entrance
 - b. Silt fence
 - c. Stabilization of disturbed soil areas

Recommendation

Motion: For the Commission meeting, staff recommends approval of project #2023-019 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. The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded.

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

9/5/2023
Date

Attachments

- | | |
|----------|--|
| Figure 1 | Site Location Map |
| Figure 2 | Aerial Imagery |
| Figure 3 | Existing Drainage Pattern Map |
| Figure 4 | Proposed Drainage Pattern and Grading Plan |

Figure 1 Site Location Map

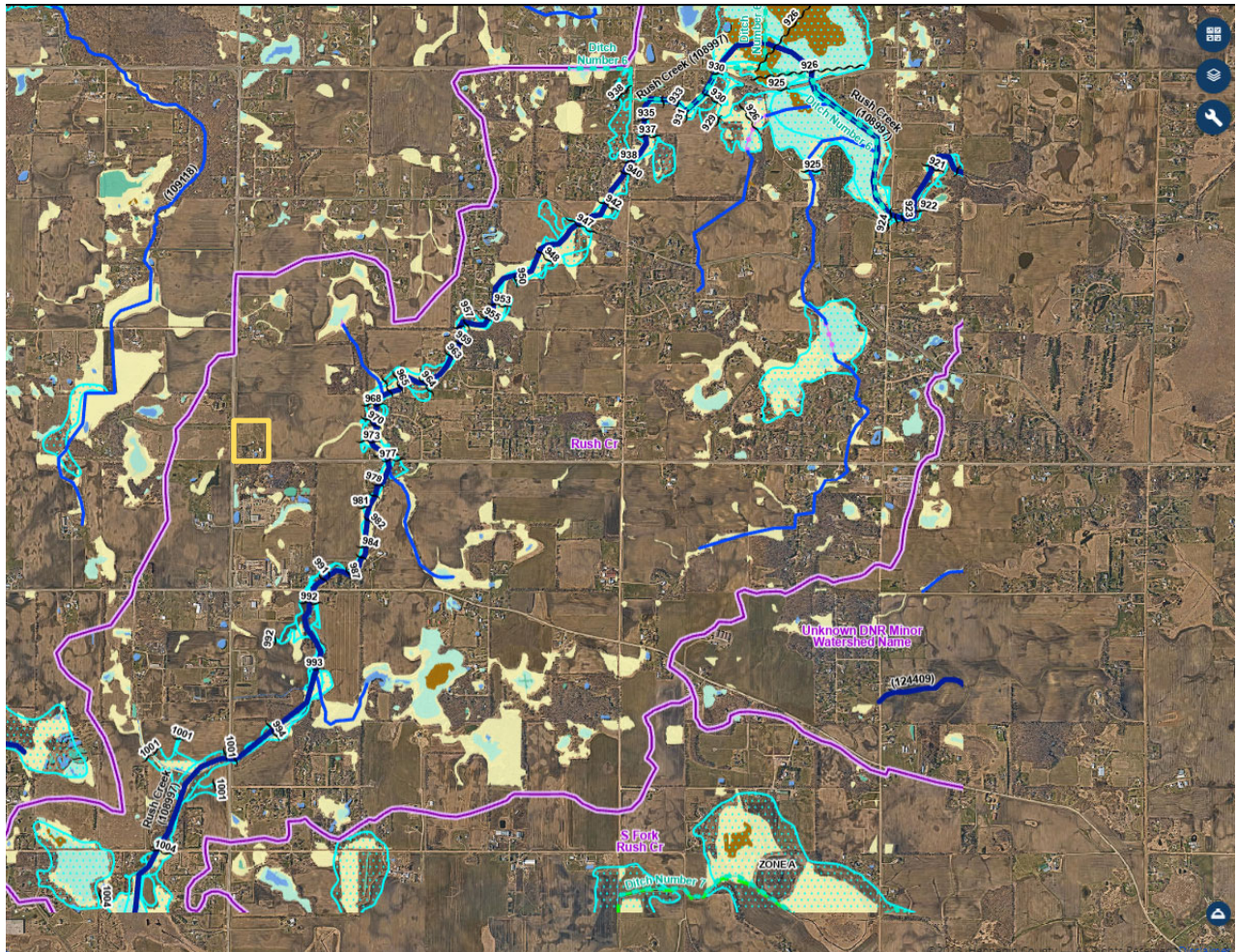
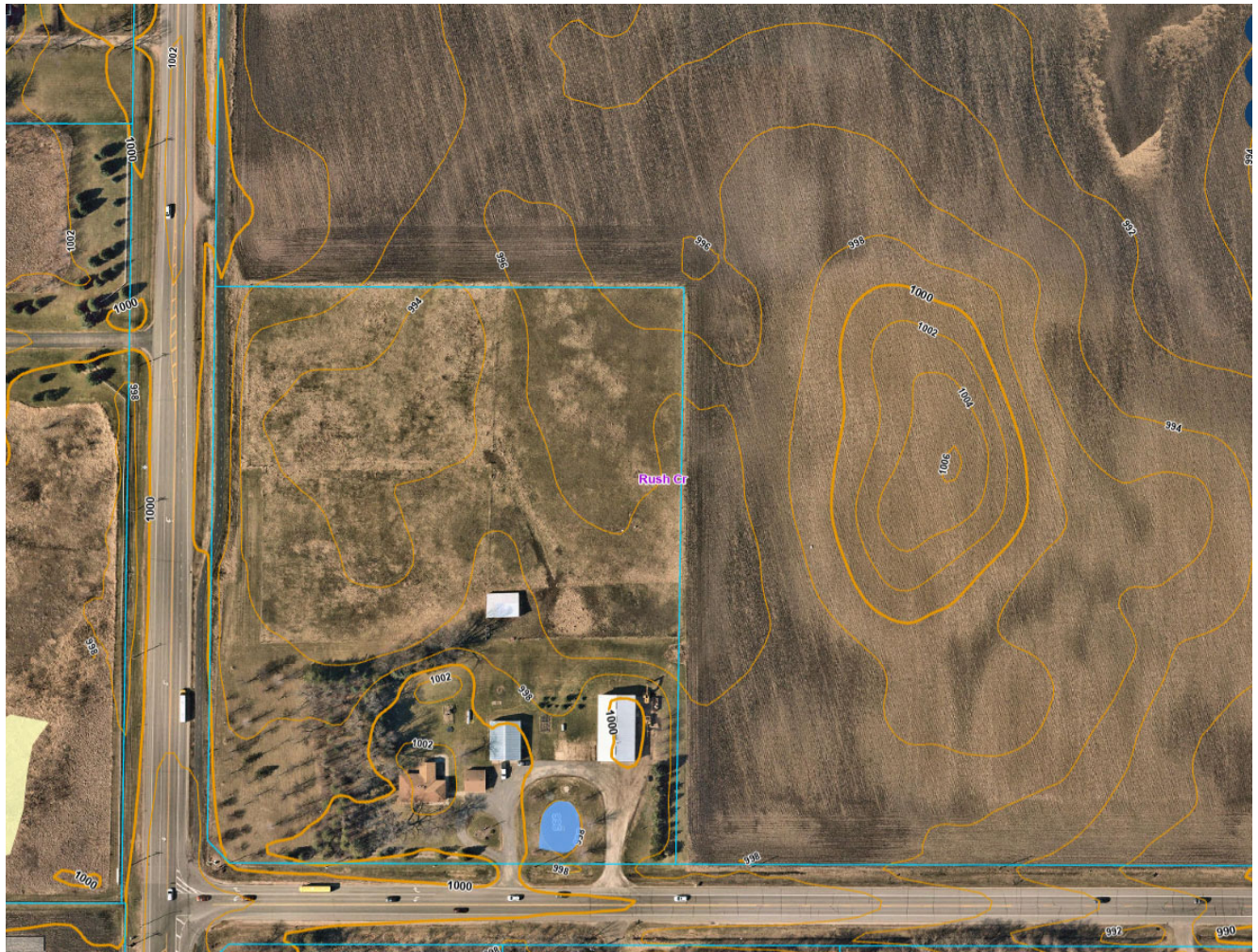


Figure 2 Aerial Imagery



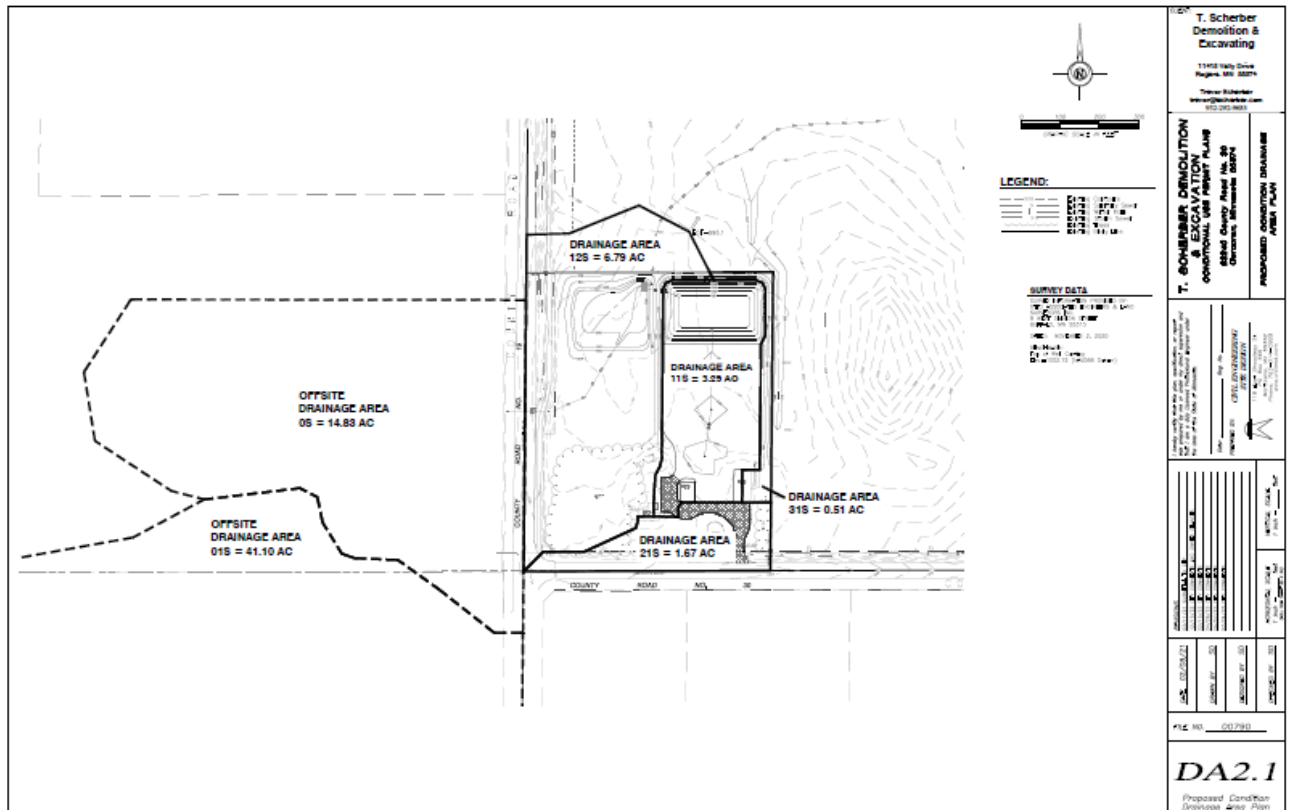


Figure 4 Proposed Drainage Pattern & Grading Plan

elm creek Watershed Management Commission

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

Dunkirk Square Maple Grove Project #2023-020

Project Overview:

Location: The proposed development will disturb 1.53 acres of existing retail parking lot on a portion of Dunkirk Square at the southeast of the intersection of Maple Grove Parkway and 94th Avenue in Maple Grove.

Purpose: The project will redevelop retail parking into a new parking area and Popeye's Restaurant.

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:	PN Group	Attention:	N/A
Address:	301 Route 17N Suite 802 Rutherford, NJ 07070	Phone:	(908) 531-8021
		Email:	N/a
Agent:	Kimley Horn	Attention:	Mike Brandt
Address:	767 N. Eustis St #100 St Paul, MN 55114	Phone:	(651) 645-4197
		Email:	Mike.brandt@kimley-horn.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	August 16, 2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	August 16, 2023
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	August 16, 2023
	<input checked="" type="checkbox"/> Review fee: \$5,900	August 16, 2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 16, 2023

Submittals

- Stormwater Management Memorandum, dated January 11, 2023, prepared by Kimley Horn (revised August 30, 2023)
 - Stormwater Narrative
 - Existing and Proposed Drainage Maps
 - Existing and Proposed HydroCAD reports
- Construction Drawings, dated July 12, 2023, (revised August 25, 2023) prepared by Kimley Horn
- Overall Grading Plan Exhibit, dated July 12, 2023, prepared by Kimley Horn

Findings

General

1. A complete application was received August 16, 2023. The initial 60-day decision period per MN Statute 15.99 expires September 23, 2023.
2. The existing 0.81-acre site contains retail parking area. Stormwater currently drains from the site to two catch basins on the property and one catch basin on Maple Grove Parkway. The catch basins in the parking lot ultimately discharge to a stormwater treatment pond on the east of the development. The site is situated within one aerial mile of Rice Main Lake and Elm Creek, both of which are listed as impaired waters.
3. Construction consists of repurposing existing retail parking area for development of a proposed drive through restaurant.
4. The development will create 0.00-acres of new impervious area.
5. Underground storage (oversized pipes) will be constructed/used to meet the rate control requirements.
6. Catch basin sumps will constructed/used to meet water quality requirements.
7. Web Soil Survey indicate that in-situ soils are HSG C and HSG C/D.
8. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

Rule D – Stormwater Management

General

1. The disturbed area is approximately 1.53-acres. The project will result in 1.18-acres of impervious area, an increase of 0.00 acres over existing conditions.
2. Web Soil Survey indicate that in-situ soils are HSG C and HSG C/D.
3. Stormwater will be managed with underground storage and catch basin sumps.
4. The ultimate discharge location of the site is a stormwater treatment pond located on the east side of the development. This pond will ultimately drain towards the Elm Creek, 0.9 miles southeast of the project area.

Rate Controls

1. Rate control **meets** Commission requirements.
2. The applicant provided a HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each drainage from the site. The rates are summarized in Table 1.

Table 1 Rate of Discharge Leaving Site

Location	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
North Storm Sewer Network	Pre-Project	3.15	4.82	8.35
	Proposed	2.67	4.15	7.21
	Change	-0.48	-0.67	-1.14
South Storm Sewer Network	Pre-Project	1.57	2.49	4.43
	Proposed	1.00	1.60	2.79
	Change	-0.57	-0.89	-1.64
Offsite Drainage	Pre-Project	0.60	1.04	1.99
	Proposed	0.28	0.44	0.78
	Change	-0.32	-0.60	-1.21
TOTAL	Pre-Project	5.32	8.35	14.77
	Proposed	3.95	6.19	10.78
	Change	-1.37	-2.16	-3.99

Low Floor Elevations

1. Low floors **meet** Commission requirements.
2. The low floor elevations must be at least two feet above the 100-yr high water level (HWL).

Operation and Maintenance

1. The applicant will need to enter a stormwater maintenance agreement with the City of Maple Grove.

Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls **meet** Commission requirements.
2. The applicant proposes no net increase in impervious area.
3. Proposed, new impervious areas will be 0.00-acres from the site, requiring abstraction of 0.0 acre-feet (0 cubic feet).
4. The applicant has provided for 562 cubic feet of volume abstraction through soil amendment area.
5. MIDS modeling shows no net increase in TP or TSS loading.

Rule E – Erosion and Sediment Control

1. Plans **meets** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Rock construction entrance
 - b. Storm drain inlet protection
 - c. Silt fence
 - d. Bioroll
 - e. Erosion control blanket
 - f. Stabilization of disturbed soil areas


Recommendation

Approval

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. Provide details for orifices and weirs for underground detention.
3. Provide a stormwater operations & maintenance agreement with the City of Maple Grove.

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



Date 9/1/2023

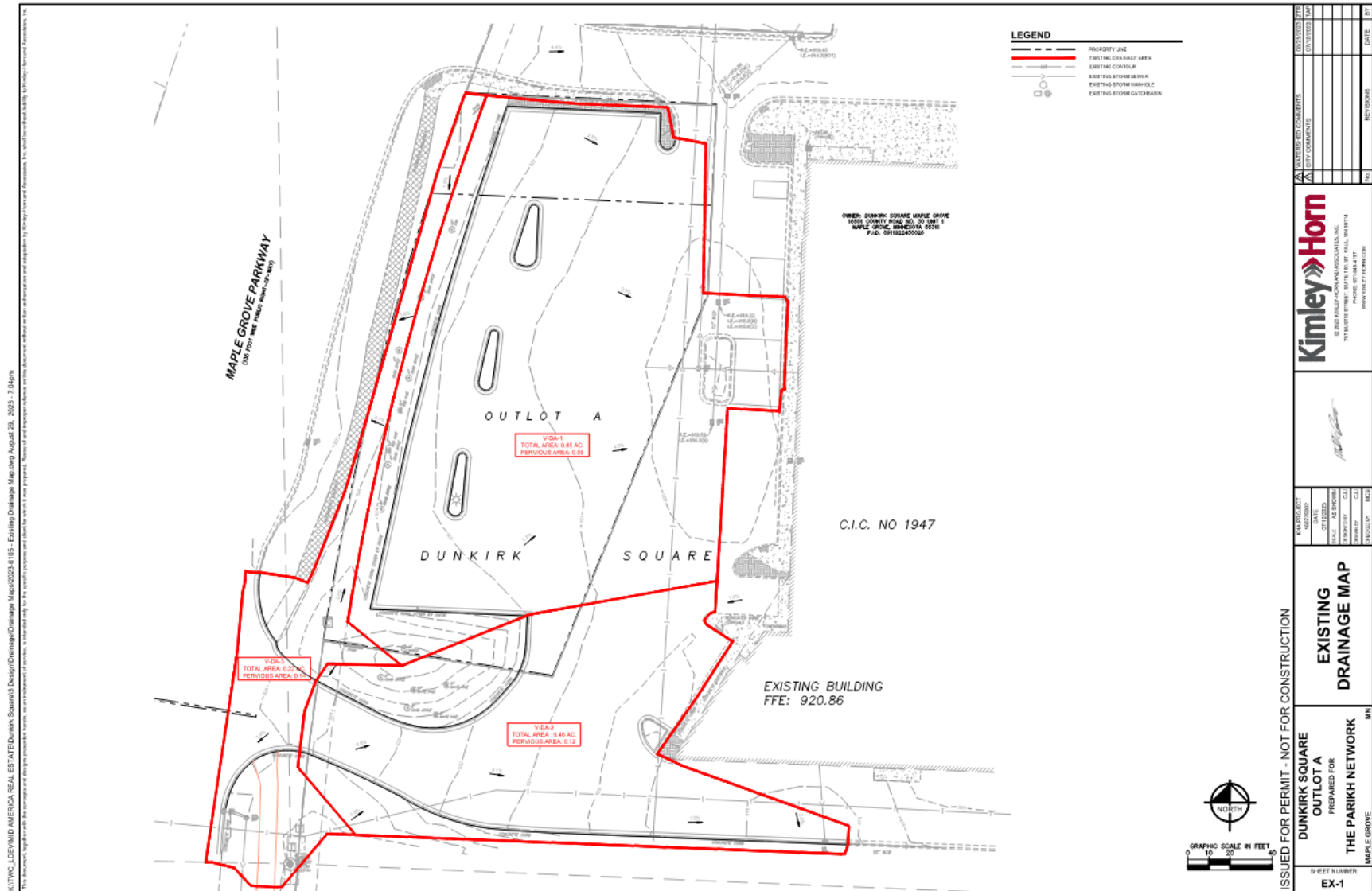
Attachments

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

Figure 1 Project Location



Figure 2 Existing Drainage Map



elm creek Watershed Management Commission

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

Parks Place Memory Care Phase II Plymouth Project #2023-021

Project Overview:

Location: The proposed development will disturb 1.4 acres of a previously developed memory care facility at the northwest of the intersection of Medina Road and County Road 101 in Plymouth.

Purpose: Site expansion, additional building, parking, and trails.

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

Applicant: MACO Holding

Address: 15715 56th Avenue North
Plymouth, MN 55446

Attention: -

Phone: -

Email: -

Agent: Civil Site Group

Address: 5000 Glenwood Avenue
Golden Valley, MN 55422

Attention: Dave Kneble

Phone: (612) 234-7523

Email: dknaeble@civilsitegroup.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	August 16, 2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	August 16, 2023
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	August 16, 2023
	<input checked="" type="checkbox"/> Review fee: \$5,900	August 16, 2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 16, 2023

Submittals

- Stormwater Management Report, dated August 18, 2023, prepared by Civil Site Group
 - Stormwater Narrative
 - Existing and Proposed Drainage Maps
 - Existing and Proposed HydroCAD reports
 - Existing and Proposed MIDS Modeling reports
 - Geotechnical Report
- Construction Drawings, dated August 18, 2023, prepared by Civil Site Group
- Existing and Proposed HydroCAD models.

Findings

General

1. A complete application was received August 18, 2023. The initial 60-day decision period per MN Statute 15.99 expires October 17, 2023.
2. The existing 4.7-acre site contains an existing memory care facility. Predevelopment conditions consist of a single-family home with 0.1 acres of impervious surface. Stormwater currently drains from the site to a previously developed bio-filtration basin in the northwest corner of the site. The bio-filtration basin ultimately discharge to a City storm sewer which discharges to Elm Creek. The site is not within one aerial mile of a special or impaired waters.
3. Construction consists of the final build-out from a 2017 project, adding additional building, parking, and trails.
4. The development will create 0.8-acres of new impervious area.
5. A preconstructed biofiltration basin will be used to meet the water quality and abstraction requirements.
6. Web Soil Survey indicate that in-situ soils are HSG C and HSG C/D.
7. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

Rule D – Stormwater Management

General

1. The disturbed area is approximately 1.4-acres. The project will result in 1.9-acres of impervious area, an increase of 0.8-acres over existing conditions.
2. Web Soil Survey indicate that in-situ soils are HSG C and HSG C/D.
3. Stormwater will be managed with a bio-filtration basin.
4. The site drains to a bio-filtration basin in the northwest corner of the site. The bio-filtration basin outlets to city storm sewer which ultimately drain towards Elm Creek.

Rate Controls

1. Rate control **meets** Commission requirements.
2. The proposed basins were sized to draw down within 48 hours.
3. The applicant provided a HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each drainage from the site. The rates are summarized in Table 1.

Table 1 Rate of Discharge Leaving Site

Location	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
Site Discharge	Pre-Development	6.16	13.60	31.98

Proposed	2.83	8.78	11.81
Change	-3.33	-4.82	-20.17

Low Floor Elevations

1. Low floors **meet** Commission requirements.
2. The low floor elevations must be at least two feet above the 100-yr high water level (HWL) and at least one foot above the EOF for the stormwater pond.

Operation and Maintenance

1. The permanent stormwater treatment system will be inspected and maintained by the owner as detailed in the Project SWPPP Attachment C.
2. An operation and maintenance plan was approved in Phase I.

Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls **meet** Commission requirements.
2. The applicant proposes to use biofiltration to meet the Commission's requirement for abstraction.
3. The existing bio-filtration basin will provide Infiltration from 1.1 inches of runoff from impervious area.
4. Proposed, new impervious areas will be 1.85-acres from the site (over pre-development conditions), requiring abstraction of 0.17 acre-feet (7392 cubic feet).
5. The applicant provided existing and proposed MIDS modeling for the development showing conformance with the water quality requirements.

Rule E – Erosion and Sediment Control

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

Recommendation

Approval

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.

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

A handwritten signature in black ink, appearing to read "E.R. Ny", is shown on a light gray background.

Date 9/1/2023

Attachments

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

Figure 1 Project Location

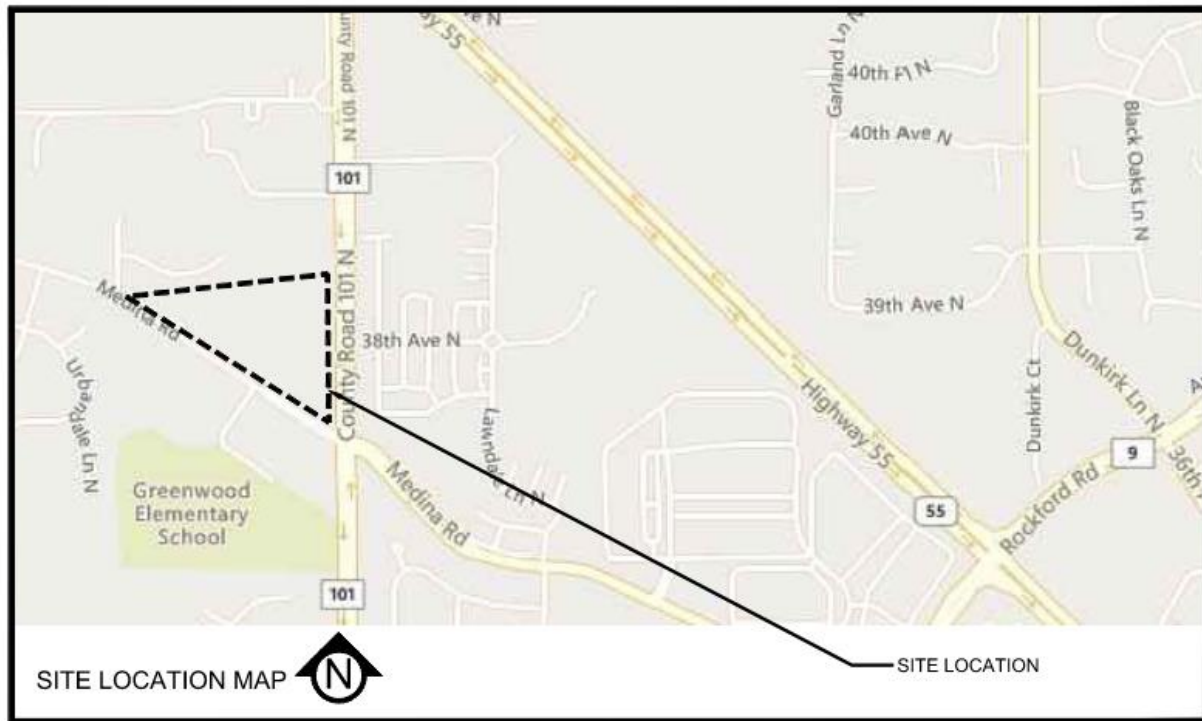


Figure 2 Existing Drainage Map

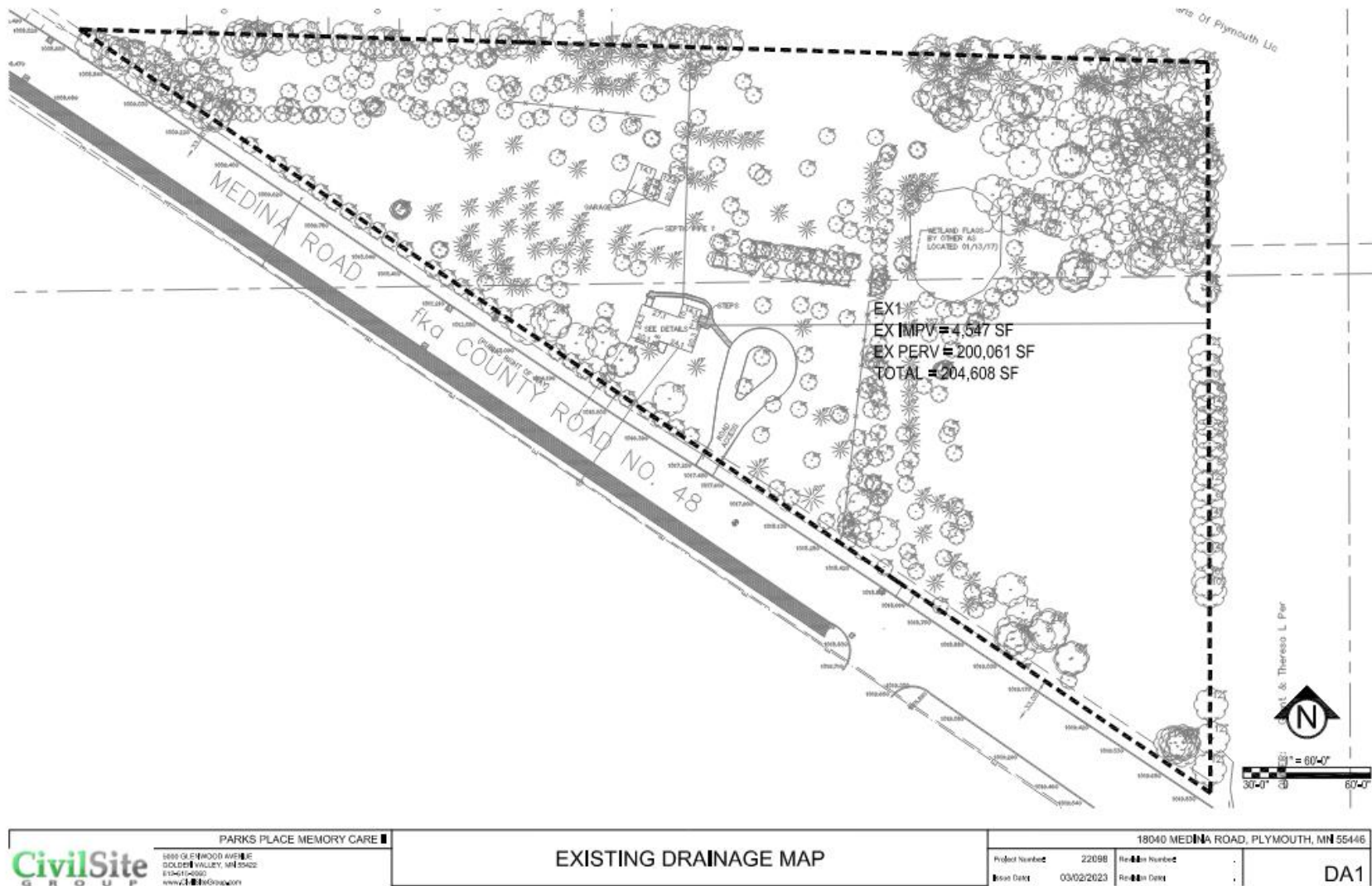
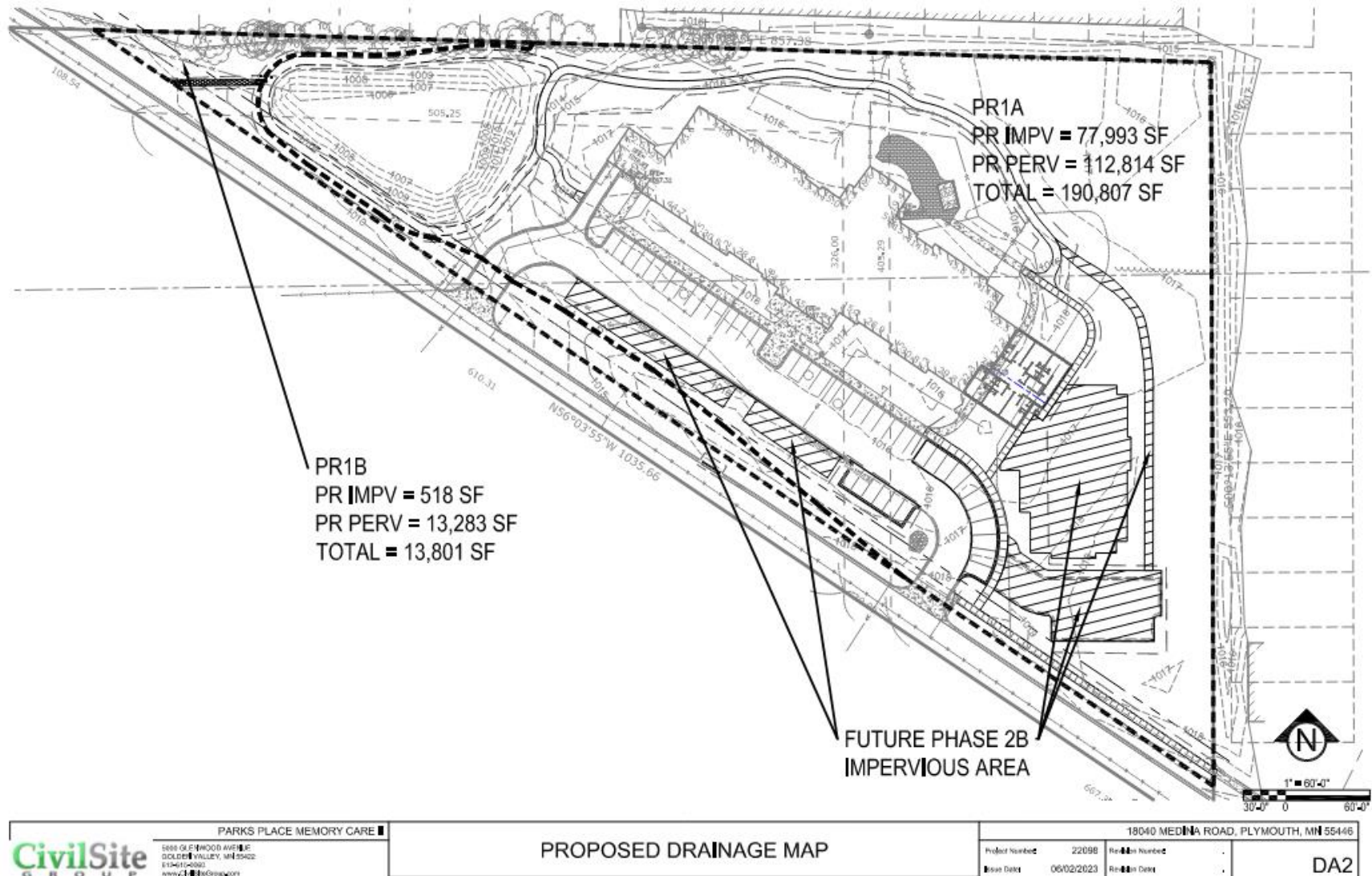


Figure 3 Proposed Drainage Plan



elm creek Watershed Management Commission

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

TECHNICAL SUPPORT
Erik R. Megow | erik.megow@stantec.com
James Kujawa | surfacewatersolutions@outlook.com
Rebecca Carlson | rebecca@resilience-resources.com

STAFF REPORT September 6, 2023

- 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 the nutrient control. The Commission approved the site plan contingent upon the City deferring 4.6 lbs. of phosphorus for treatment in future ponding opportunities as the easterly corridor of Rogers Drive develops. 2.3 lbs. will be accounted for in the Kinghorn Spec. Building site plan, with 2.3 lbs. still outstanding. This item will remain on the report until the total deferral is accounted for.
- b. **2015-030 Kiddiegarten Child Care Center, Maple Grove.** Approved December 9, 2015. If the City does not take over the operation and maintenance of the underground system and the sump catch basins, an O&M agreement for the underground trench/pond system must be approved by the Commission and the City and recorded with the title. On February 5, 2019, Derek Asche contacted the owner requesting a copy of the recorded maintenance agreement. *On August 29, 2023, Asche reported there is no update for this project.*
- c. **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. *Staff is attempting to follow up on the annual reporting.*
- d. **2017-014 Laurel Creek, Rogers.** In June 2017, the Commission approved this project with four conditions. All contingency items have been provided with the exception of the O&M agreement which is being negotiated as to whether the City or the HOA will be responsible for the operation and maintenance of the stormwater management facility. On August 31, 2017, Andrew Simmons responded that the O&M agreement is still being negotiated.
- e. **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

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

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 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.

f. 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.

g. 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 com-posting, 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.

h. 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

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

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.

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

j. **2020-033 Weston Woods, Medina.** This project would create 150 residential units on a 135-acre undeveloped site. The project will disturb 49.2 acres and create 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 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, must be 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.

k. **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 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.*

l. **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 August*

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

29, 2023, the City reported no update.

m. 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.

n. 2021-036 D&D Service, Corcoran. This development is proposed at the southeast corner of the intersection of County Roads 10 and 19 on a 16.54-acre parcel. The proposed project will include a large warehouse and office buildings along with parking and associated facilities. The existing site is a single farmhouse and surrounding agricultural land. The project was reviewed for Rules D, E, G, and I. Findings updated October 5, 2021, wherein Staff recommended contingent approval with five conditions were approved at the October meeting: (1) payment of all review fees; (2) Corcoran TEP approval of the Wetland Mitigation Plan and the city maintains a drainage and utility easement for existing and proposed on site wetlands; (3) applicant shall consider and respond to staff comments on plan and provide final data prior to approval; (4) applicant shall respond to any City comments; and (5) applicant shall provide a Stormwater Maintenance Agreement acceptable to the city and the Commission within 90 days after the plat is recorded. On July 26, 2022, Kevin Mattson confirmed that the O&M agreement has been received and recorded.

o. 2021-044 Balsam II Apartments, Dayton. The Commission approved this project in January 2022. The final infiltration testing of the stormwater basin and receipt of the escrow balance are the only conditions outstanding from Staff's findings dated December 22, 2021. *On August 30, 2023, the applicant informed the City they will be conducting the testing on August 31, 2023, and results are expected in about two weeks.*

p. 2021-052 Norbella Senior Living, Rogers. This project will construct a 40-unit senior living facility on South Diamond Lake Road. The proposed disturbance is 2.4-acres with net, new impervious surfaces of 1.4- acres. The project was reviewed for Rules D and E. Staff findings dated February 14, 2022, were approved by the Commission at their March 9, 2022, meeting with three conditions: (1) final escrow balance being reconciled, (2) a stormwater maintenance agreement being put in place between the owner and the City with terms acceptable to the Commission, and (3) a detail being added to the construction drawings showing the inspection ports being installed along the isolator row of the underground filtration system. On January 25, 2023, Andrew Simmons reported that this project has not yet proceeded.

q. 2022-002 Summerwell Townhomes, Maple Grove. This project is for construction of a 26-acre site into a residential townhome community. It will create 13-acres of net, new impervious. The project triggers Rules D, E, G, and I and was approved at the Commission's June meeting with three conditions:

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

(1) determination of escrow fee balance; (2) receipt of an O&M Plan approved by the City, and (3) provision of a wetland monitoring plan with four conditions. These conditions are found in Staff findings dated June 2, 2022. The monitoring plan was received on November 3, 2022. *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*

r. **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 Agreement 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.*

s. **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 shall be directed to the proposed stormwater BMP.

t. **2022-013 Dayton Industrial Site, Dayton.** This project is a 25.04-acre site located on the north side of CR 81 between Brockton Lane and Dayton Parkway. The applicant is proposing to construct a 334,750 SF industrial building with associated parking for passenger vehicles and tractor trailers. Construction of an extension of Troy Lane Extension from its current cul-de-sac terminus continuing eastward to a future intersection with West French Lake Road is also planned, but will be permitted separately by the City. The proposed project will create 17 acres of new impervious, disturbing 30 acres. The area of the two existing parcels is 25.04 with 0.44 acres of existing impervious. At their May 11, 2022 meeting the Commission approved this project with eight conditions per Staff's findings dated May 2, 2022. *As of August 30, 2023, only two conditions remain outstanding – the escrow reconciliation and final review of the O&M plan for the stormwater system/irrigation system..*

u. **2022-016 Rogers Activity Center.** Redevelopment and additions to the Rogers Municipal Complex are proposed at 14160 James Road. The project includes site clearing, demolition of the existing asphalt pavement, and grading for a future turf and ice rink facility. The Commission review covered Rules D, E, G and I. At their May 11, 2022 meeting the Commission approved Staff's findings dated May 2, 2022, with five conditions.

v. **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

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

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.

w 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 an O&M plan.

x. 2022-020 Skye Meadows Extension, Rogers. This is a development on a 45.3-acre parcel that will disturb 44.1 acres and result in 14.1 acres of impervious surface consisting of 129 lots and associated streets. The Commission review covered Rules D, E, G, and I. The project was approved at the Commission's June meeting with the three conditions cited in Staff's findings dated June 1, 2022: (1) final escrow balance reconciliation; (2) approved wetland mitigation plan for the proposed disturbance of Wetlands A and B; and (3) an O&M plan approved by the City. On January 25, 2023, Andrew Simmons reported that the project includes a road vacation that likely will not be approved. The applicant may need to come back for a re-review.

y. 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.

z. 2022-026 Rogers Archway Building, Rogers. The project site is located between 129th Avenue North and Territorial Road, west of Main Street and east of Elm Parkway. The applicant reconfigured their construction activities in order to maintain the volume of the existing pond, thereby not triggering Commission rules. Upon receipt of as-built plans confirming the reconfiguration, this project will be closed out and the surplus escrow returned to the applicant. On January 26, 2023, Andrew Simmons reported that construction has not yet commenced.

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

aa. 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.*

ab. 2022-038 Tavera (North Phase), Corcoran. Lennar Homes is proposing to develop this site into a 244-unit housing development, with 110 single family detached lots and 134 attached town-house units. It is the second phase of the overall larger 548-unit Tavera housing development encompassing 272 acres. Phase 2 will contain approximately 175 acres, disturb 110 acres, and create 38.6 acres of new impervious area. The Commission approved the project at their August 2022 meeting contingent upon meeting the conditions cited in Staff's August 3, 2022, findings: (1) O&M plans and agreement being provided to the Commission for their review and approval. These plans must include the irrigation system. (2) irrigation system pump and augmentation information being provided and approved by Staff and (3) the escrow balance being reconciled. No new information has been received.

ac. 2022-040 Karineimi Meadows, Corcoran. This is a 125-acre parcel in the southeast quadrant of the CR 10 and 19 intersection 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 at the time 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) 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 operation and maintenance 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 is to begin spring/summer 2023. Condition 1 will be verified by the applicant after construction.

ad. 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 ap-

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

proved 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.

ae. 2022-049 Connexus Energy Subdivision, Dayton. This is an existing 1.8-acre lot located on the north side of 117th Avenue North between Fernbrook Lane and East French Lake Road. The applicant is proposing to construct an energy substation adding 0.73 acres of impervious area, disturbing the entire parcel plus ROW. The current land use is row crops in C soils. In findings dated December 29, 2022, Staff is recommending approval with the following conditions: (1) payment of all review fees; (2) applicant must meet all City requirements; (3) applicant must provide signed agreement from adjacent landowner and the City for any off-site grading and direction of flow to the west; and (4) an O&M agreement for the stormwater facilities that implement those conditions that bind current and future owners of the project shall be recorded on this property. *On August 30, 2023, the Commission was advised that all City requirements have been met and improvements to further dissipate flows at the discharge point have been incorporated. City staff will check in with the owner regarding the status of the documentation of consent.*

af. 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 the next few years. Phase 2 of the reconstruction extends from approximately 300 feet east of 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.

ag. 2023-004 Medina Industrial Site Development, Medina. This proposed industrial development is located on undeveloped property currently being used for agricultural purposes. The project will disturb 23.8 acres of the 26.7-acre site, resulting in 17.3 acres of net, new impervious surfaces. The project requires review under Commission Rules D, E and G. Staff's May 1, 2023, findings with four conditions were approved at the Commission's May 10 meeting. The applicant has provided updated submittals that meet the Commission's requirements.

ah. 2023-008 Rush Creek Boulevard Interchange, Maple Grove. The City of Maple Grove is proposing to extend Trunk Highway 610 from east of TH 94 to CSAH 30. The project will consist of the construction of a new interchange at TH 94, south of the existing TH 610 interchange with TH 94 and includes improvements and realignment of Lawndale Lane. The project area is roughly 89 acres and will include approximately 20 acres of new impervious surface, triggering Rules D and E. Staff's findings dated June 2, 2023, were approved at the June meeting with four conditions. *The applicant has provided updated submittals that meet the Commission's requirements and only the escrow needs to be reconciled.*

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

ai. 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. *On August 29, 2023, the City asked the Applicant to follow up on the OCS 104 details and plans.*

aj. 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. *This item has been reviewed and a finding of facts memo dated September 1, 2023, is included in the September meeting packet.*

ak. 2023-011 Sundance Greens 9th Addition, Dayton. Sundance Development, LLC submitted an application for review of this project. The submittal was received by the Commission on May 30, 2023. 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.*

al. 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 fee reconciliation remains.*

am. 2023-014 Bottema Wetland Restoration, Corcoran. This project restores previously drained agricultural lands to wetlands. Ten wetlands in total will be restored during this project, with uplands seeded into prairie. The project is located north of CR 30 and west of Cain Road. The North Fork of Rush Creek flows east through the northeastern portion of the 120-acre parcel. Construction includes grading/disturbance on three acres of land and erosion control for the 120-acre parcel. There is no current or proposed impervious for this project. The project triggers only Rule E. Staff reviewed the project and approved the erosion control plans and offered several comments to the County regarding the design and future stabilization. *Only the fee reconciliation remains.*

an. 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 recommend 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.*

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

ao. 2023-016 Rogers South Community Park Improvements. This project consists of the disturbance of approximately 14.1 acres over three parcels totaling 34.3 acres to construct park improvements and a re-use irrigation system. Impervious surface within the disturbed area will increase from 0.24 acres to 3.36 acres. The project occurs on three parcels northwest of the Territorial Road and Main Street intersection, adjacent to the Rogers Elementary School (School District No. 728). The project triggers Commission rules D, E and I. *This item was approved at the September meeting with two conditions contained in their findings dated August 1, 2023: (1) escrow reconciliation and (2) receipt of an operations and maintenance agreement between the City of Rogers and the School District.*

ap. 2023-017 Veit Pit Sand Gravel Mine, Rogers. This project consists of temporary redevelopment for sand and gravel mining and processing operations. The project disturbs approximately 11.9 acres of farmland and woodland located southwest of the intersection of 141st Avenue and Willandale Road. The project triggers the Commission rules D, E and I. *This item has been reviewed and a finding of facts memo dated September 1, 2023, is included in the September meeting packet.*

aq. 2023-018 Brayburn Trails II, Dayton. TC Land Development is proposing 145 single-family home lots and public roads on a 58.53-acre site. The project adds 15.52 acres of new impervious (a total of 16.25 acres of impervious including the 0.73 acres of existing impervious) and disturbs 55 acres. The proposed development is located south of 117th Avenue North, on the west side of Fernbrook Lane, north of Rush Creek and southeast of French Lake. The project triggers Rules D and E and meets those requirements through NURP ponds with filtration benches and erosion control. *In their findings dated September 5, 2023, Staff recommends approval with the standard escrow condition and maintenance agreements.*

ar. 2023-019 23240 Co Rd 30 Corcoran. This project proposes an aggregate surface for staging construction equipment, adding 2.35 acres of new impervious (for a post project total of 2.97 acres of impervious). The project will disturb 5.3 acres through grading, installation of a stormwater basin, stabilizing off site drainage, on site drainage management and erosion control. The 9.46-acre parcel is located on the north side of 97th Avenue North (CSAH 30) and east of CSAH 19. The project triggers Rules D and E. *Applicant proposes a NURP pond with filter bench to meet the water quality and rate control and abstraction requirements through filtration along with standard erosion control. In their findings dated September 5, 2023, Staff recommends approval with the standard escrow condition and maintenance agreements.*

as. 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 of the intersection of Maple Grove Parkway and 94th Avenue. The project will redevelop retail parking into a new parking area and Popeye's Restaurant. The project triggers the Commission's rules D and E. *This item has been reviewed and a finding of facts memo dated September 1, 2023, is included in the September meeting packet.*

at. 2023-021 Park Place Memory Care Phase II, Plymouth. The proposed development will disturb 1.4 acres of a previously developed memory care facility at the northwest of the intersection of Medina Road and County Road 101. The project consists of site expansion, construction of an additional building, parking, and trails which triggers Commission rules D and E. *This item has been*

reviewed and a finding of facts memo dated September 1, 2023, is included in the September meeting packet.

au. 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 initial comments were sent to the applicant on September 6, 2023. No recommendation is available at this time.*

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

HENNEPIN COUNTY

MINNESOTA

DATE: September 5, 2023

TO: Elm Creek Watershed Management Commission (ECWMC)

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

RE: September ECWMC Updates

Bottema Wetland Restoration Update (Corcoran)

Wetland restoration and tile breaks have been completed. Staff will be performing a post-construction inspection to ensure that it meets all specifications and then issuing reimbursement to the landowner.

Mattila Manure Bunker (Corcoran)

Work on manure bunker has been completed and will be inspected by staff within the next week. Landowner has developed plans for fencing and watering that will facilitate rotational grazing on the north side of the property. Currently working on an EQIP application as well as a Hennepin County cost-share proposal.

Christian Settling Basin (Dayton)

Sediment basin designs were developed by Mike Candler of Wright County SWCD, Hennepin County staff met with the potential contractor to walk through the design, test soils, and answer questions. Contractor and landowner both approved the plans to move forward with minimal edits. Hennepin County staff will delineate the wetland to ensure that work will not cause any disturbance. A TEP will also be formed to review the workplan.

Welcome Ranch BMPs (Dayton)

Hennepin County staff met with manager on site to discuss designs for BMP projects. Landowners are interested in a two-bin manure bunker that will allow them to store and compost manure for up to 24 horses before it is hauled away and spread quarterly. Landowners are also interested in developing solutions to drainage issues coming from the east paddocks and flooding the barn in wet months. They will also develop an EQIP application for pasture revitalization and fencing. Manure bunker is currently under design and will be returned in October.

Hennepin County Q2 Invoice

Q2 invoice has been submitted along with supporting documentation (see attached document). Hennepin County requested guidance on reporting for individual projects, such as the Bottema wetland restoration.

HENNEPIN COUNTY

MINNESOTA

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	4.8	-	\$6,419.86	<i>\$54,800</i>	<i>\$1,141.67</i>	-	-	-	<i>\$30,140</i>	<i>\$13,700</i>	<i>\$5,480</i>	<i>\$5,480</i>
	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 WASCOW & Waterway	WASCOW & 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 WASCOW	WASCOW	Prelim. design complete	TBD ±	TBD	\$8,559.82	<i>\$20,600</i>	TBD	TBD	-	-	<i>\$9,270</i>	<i>\$5,150</i>	<i>\$2,060</i>	<i>\$2,060</i>
	Bottema Restorations	Wetland and Prairie Restoration	Installed	14.2	-	-	<i>\$124,000</i>	\$932.86	-	-	-	<i>\$68,200</i>	<i>\$31,000</i>	<i>\$6,200</i>	<i>\$18,600</i>
	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	<i>\$6,419.86</i>	<i>\$36,900</i>				-	<i>\$20,295</i>	<i>\$9,225</i>	<i>\$3,690</i>	<i>\$3,690</i>
	Christian Settling Basin	Sediment Settling Basin	Wetland Delineation	TBD	TBD	<i>TBD</i>	<i>\$11,777</i>	TBD	TBD	TBD	-	<i>\$6,477.35</i>	<i>\$2,944.25</i>	<i>\$1,177</i>	<i>\$1,177</i>
								Total Encumbered:				<i>\$134,382.35</i>	<i>\$93,712.33</i>	<i>\$23,296.23</i>	<i>\$49,010.73</i>
								ECWMC Funding:				\$175,000	\$100,000	-	-
								Remaining:				<i>\$40,617.65</i>	<i>\$6,287.68</i>	-	-

* 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 Environment and Energy

701 Fourth Ave S., Suite 700, Minneapolis, MN 55415

612-348-3777 | hennepin.us/environment

HENNEPIN COUNTY

MINNESOTA

Other Hennepin County Programming

15,000 trees planted to protect habitat and fight climate change

This spring, Hennepin County forestry and conservation staff planted 15,000 tree seedlings on a conservation easement in Independence.

The habitat restoration project involved planting 23 different tree species that will integrate with the surrounding forest, adding wildlife habitat, making our tree canopy more resilient to climate change, pests, and disease, and enhancing the benefits that trees provide.

Many of the natural areas in the county are on private land or owned by local government, which is why we work with landowners and partners to develop conservation easements. A conservation easement is an agreement between a property owner and Hennepin County or a nonprofit like Minnesota Land Trust that includes a set of development restrictions that permanently protect habitat and open space on the property.

As trees grow, the more climate benefits they provide. This is one of the many projects Hennepin County is pursuing to act boldly on climate change. We have committed to planting 1 million trees by 2030 and acquiring 6,000 acres of conservation easements by 2040.

For more information, contact trees@hennepin.us.

Building material drop-off events

Have unwanted building materials and tools laying around? Don't throw them out – donate instead! A local nonprofit, Better Futures MN, will be at two upcoming events to take used building material donations from residents.

- City of Brooklyn Park: Saturday, September 23 from 9 a.m. to noon, open to all Hennepin County residents.

Our partners will vet materials for quality and resale potential, and they reserve the right to refuse unusable items. All items accepted will be taken for free. Inclement weather could impact these events.

For more information, contact olivia.cashman@hennepin.us.

To: Elm Creek WMO Commissioners
Elm Creek TAC

From: Erik Megow, PE
Diane Spector

Date: September 6, 2023

Subject: WMWA Educator Special Project

**Recommended
Commission Action**

Discuss and provide guidance.

The Watershed-Based Funding grant workplan supporting the shared WMWA education and outreach coordinator calls for implementing at least four “special projects” across the five participating WMOs. Examples cited in the work plan were workshops for residents/property owners/business owners, perhaps with followup small grants and/or onsite consultation; or multi-family housing equitable engagement projects, likely in partnership with Metro Blooms, similar to projects undertaken in Shingle Creek at multi-family housing sites that include updated stormwater management as well as other site improvements such as landscaping, updated play spaces, and other amenities. One of the projects in Shingle Creek-Brook Gardens - won a 2022 Environmental Initiative Award [Brook Gardens: Clean Water + Livability - Environmental Initiative Awards \(environmental-initiative-awards.org\)](#).

The shared coordinator has asked each WMO to express a *preference* for what type of special project might be a good fit for their watershed. However, this choice does not limit the residents and property owners from participating in projects selected by other WMOs. For example, if Elm Creek desired to focus on a multi-family engagement project, and Bassett Creek preferred focusing on a lakeshore restoration workshop, property owners in Elm could still participate in the workshop, although Bassett residents might get priority seating.

Some ideas from staff include:

1. Customizing the existing Blue Thumb Resilient Yards workshop ([Workshops & Events – Blue Thumb](#)), offering free on-site consultation and planting stipends to participants.
2. Developing a new workshop and online resource targeted to HOA members regarding strategies for maintaining their green spaces and understanding how to manage and maintain their on-site BMPs. WMWA developed a handbook several years ago that can be further developed and serve as the basis for this workshop.
3. Develop a new workshop based on other ideas the Commissioners might have. This may require an additional financial commitment from the Commission depending on how much customization or workshop development would be required.
4. Soliciting ideas from the cities for multi-family developments where Metro Blooms may be able to find a site suitable for an equitable engagement project. These projects do require a financial commitment on the part of the owner/management company, so it may take some time to develop those projects.

Regardless of which option the Commission prefers, it is likely that implementation would not occur until spring 2024.

To: Elm Creek WMO Commissioners
Elm Creek TAC

From: Erik Megow, PE
Diane Spector

Date: September 6, 2023

Subject: FY 2025 Watershed-Based Implementation Funding

**Recommended
Commission Action**

Discuss and provide direction.

The Board of Water and Soil Resources (BWSR) has formally announced the next round of Watershed-Based Implementation funding (WBIF) for Fiscal Year 2024-2025. Each eligible Planning Area has been allocated an amount and is charged with developing a process to make grant awards to eligible entities within the Planning Area. Within the Metro Area, the Planning Areas are the boundaries of the Watershed Management Organizations (WMOs) and the eligible entities are: counties, watershed districts, WMOs, soil and water conservation districts, and cities. Within the Elm Creek Planning Area, the eligible entities are the Commission, Hennepin County, and the member cities.

The Elm Creek allocation for FY 24-25 is **\$373,590**, which will become available after **July 1, 2024**. A minimum 10% match is required. As with the last round of WBIF funding, a Convene Group consisting of one representative each from the WMO and county and two city representatives must solicit funding proposals and develop a process to select those to be recommended to BWSR for funding. As a reminder, for FY23 the Convene Group allocated a part of the funds to the joint WMWA educator, funded the South Fork Rush Creek Subwatershed Assessment (SWA) and the North Fork Rush Creek Remeander study, and allocated the balance to Hennepin County to implement projects from the Rush Creek Headwaters and Diamond Creek SWAs.

The purpose of this discussion is to start this process. While there are several months before the grant funds would become available, some ideas may take some time to develop sufficiently to develop a proposal or to write a work plan acceptable to BWSR. Some initial questions are:

1. Are there any activities that the Commission might be interested in pursuing jointly? Would you be interested in partnering with any other Planning Area Convene Groups? For example, the FY21 WBIF was allocated to county planning areas, and the Convene Group agreed to allocate 10% of its funding to the Hennepin County Chloride Initiative. The joint WMWA coordinator is funded half from FY23 WBIF allocations from five WMOs.
2. Are there any activities the Commission might wish to pursue that are not currently included in the Third Generation Watershed Plan? If so, then the Commission should pursue a Plan amendment to incorporate those into the Plan.
3. Do the Commissioners have any particular goals they'd like to achieve with WBIF funds? For example, you may wish to implement programming targeted at proper chloride use and management.

This will be an ongoing discussion until that eligible entities decide to get together as a formal Convene Group and start the process of soliciting funding proposals. That group should be prepared to begin meeting no later than January 2024.