

# elm creek Watershed Management Commission

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ADMINISTRATIVE OFFICE  
3235 Fernbrook Lane  
Plymouth, MN 55447  
PH: 763.553.1144  
email: judie@jass.biz  
[www.elmcreekwatershed.org](http://www.elmcreekwatershed.org)

October 6, 2021

Representatives  
Elm Creek Watershed Management Commission  
Hennepin County, MN

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

Dear Representatives:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, October 13, 2021, at 11:30 a.m.** **This will be a virtual meeting.**

To join the meeting, click <https://zoom.us/j/990970201> or go to [www.zoom.us](http://www.zoom.us) and click **Join A Meeting**.  
The meeting ID is **990-970-201**.

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

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

Meetings remain open to the public via the instructions above.

Please email me at [judie@jass.biz](mailto:judie@jass.biz) to confirm whether you or your Alternate will be attending this meeting.

Thank you.



Judie A. Anderson  
Administrator

JAA:tim

Encls: Meeting Packet

cc:	Alternates	Ross Mullen	James Kujawa	Ed Matthiesen	DNR
	TAC Members	Karen Galles	Brian Vlach	Diane Spector	BWSR
	City Clerks	Kris Guentzel	Met Council	MPCA	
	Official Newspaper				

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## AGENDA Regular Meeting and Public Hearing October 13, 2021

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

Until further notice, all meetings will be held online to reduce the spread of COVID-19. To join this meeting, click <https://zoom.us/j/990970201> or go to [www.zoom.us](http://www.zoom.us) and click Join A Meeting. The meeting ID is **990-970-201**. The password is **water**.

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1. Call Regular Meeting to Order.
  - a. Approve Agenda.\*
2. Consent Agenda.
  - a. Minutes last Meeting.\*
  - b. Treasurer's Report and Claims.\*
    - 1) Corrected August Extrapolation.\*
    - 2) September Extrapolation.\*
    - 3) Stantec Summary.\*
3. Open Forum.
4. Action Items.
  - a. Approve Data Practices Policy.\*
  - b. Project Reviews – *also see Staff Report*.\*
5. Old Business.
6. New Business.
  - a. Enhanced Street Sweeper – update.\*
7. Communications.
  - a. Staff Report.\*
    - 1) FEMA Mapping Project Update.\*
  - b. County Staff Report.\*
    - 1) ACTION: Engage Stantec for Structural Engineering Services.\*
8. Education.
  - a. WMWA – next meeting – November 9, 2021, at 8:30 a.m. This will be a **virtual** meeting.
9. Grant Opportunities and Updates.

## 10. Project Reviews.

Item No.	A	E	I   RPI	AR	Project No.	Project Name
			RP   DD			
					W=wetland project	
ah.				AR	2014-015	Rogers Drive Extension, Rogers.
ai.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
aj.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
ak.				AR	2017-014	Laurel Creek, Rogers.
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ap.				AR	2019-021	Brenly Meadows, Rogers.
aq.				AR	2019-026	Interstate Power Systems, Rogers.
ar.				AR	2019-027	Havenwood at Maple Grove.
as.				AR	2019-032	OSI Expansion, Medina.
at.				AR	2020-001	Outlot L, Markets at Rush Creek, Maple Grove.
au.				AR	2020-008	Ione Gardens, Dayton.
av.				AR	2020-009	Stetler Barn, Medina.
aw.				AR	2020-017	Meadow View Townhomes, Medina.
ax.				AR	2020-023	Ziegler Dayton Site Upgrades, Dayton.
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az.				AR	2020-027	Kariniemi Addition, Corcoran.
ba.				AR	2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
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bd.				AR	2021-007	Birchwood 2nd Addition, Rogers
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bf.					2021-016	Territorial Lofts, Rogers.
e.					2021-017	The Park Group Building, Rogers.
f.					2021-019	Kwik Trip Store 1157, Dayton.
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t.	A	E			2021-033	Weston Commons, Maple Grove
u.	A	E			2021-034	BAPS Hindu Temple, Medina.
v.					2021-035	Mister Car Wash - Rogers

w.	A	E			2021-036	D & D Service, Corcoran.
x.					2021-037	Marsh Point, Medina.
y.					2021-038	Bellwether 6th/Amberly, Corcoran.
z.	A	E			2021-039	1-94 Logistics Center, Rogers.
aa.	A	E			2021-040	Napa Auto, Corcoran.
ab.	A	E			2021-041	Carlson Ridge, Plymouth.
ac.	A	E			2021-042	Risor Senior Living, Maple Grove
ad.					2021-043	Northwood Community Church Maple Grove.
ae.					2021-044	Balsam II Apartments, Dayton.

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

# 11. Other Business.

# 12. Adjournment.

Z:\Elm Creek\Meetings\Meetings 2021\10 Regular Meeting Agenda.docx



**Regular Meeting and Public Hearing Minutes  
September 8, 2021**

I. A virtual meeting of the Elm Creek Watershed Management Commission was called to order at 11:35 a.m., Wednesday, September 9, 2020, by Vice Chair Elizabeth Weir.

Present were: Bill Walraven, Champlin; Ken Guenthner, Corcoran; Dan Riggs, Maple Grove; Elizabeth Weir, Medina; Catherine Cesnik, Plymouth; Kevin Jullie, Rogers; and Amy Juntunen and Judie Anderson, JASS.

Not represented: Dayton.

Also present: Kevin Mattson, Corcoran; Derek Asche, Maple Grove; Terry Sharp, Medina; Amy Riegel and Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Ross Mullen, Ed Matthiesen, and Diane Spector, Stantec; Kris Guentzel and Kevin Ellis, Hennepin County Environmental Services (HCEE); Brian Vlach, Three Rivers Park District (TRPD); and Brett Arne, Board of Water and Soil Resources (BWSR).

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

B. Motion by Walraven, second by Guenthner to approve the **Minutes**\* of the August 11, 2021, regular meeting. *Motion carried unanimously.*

C. Motion by Guenthner, second by Walraven to approve the **September Treasurer's Report** and **Claims**\* totaling \$13,621.47. *Motion carried unanimously.* Also included in the meeting packet was the 2021 activity sheet\* extrapolated to 2021 year-end.

*[The regular meeting was suspended at 11:39 a.m.]*

II. **Public Hearing.**

The Elm Creek Watershed Management Commission, upon recommendation of its Technical Advisory Committee, agreed to move forward with a Minor Plan Amendment (MPA) to its Third Generation Watershed Management Plan to revise the Capital Improvement Program (CIP). The MPA would revise Table 4.5 of the Commission's Third Generation Plan CIP in order to add two projects, remove four projects, and shift the timing and add specificity to three existing projects listed on the CIP. These new projects and project updates were submitted by the member cities. Following a public meeting conducted by the Commission on June 9, 2021, the Commission adopted Resolution 2021-03 Adopting a Minor Plan Amendment and setting the 2021 maximum levy at \$291,638.

Doug Baines, representative from Dayton and Commission Chair, was present at a meeting of a Committee of the Hennepin County Board on July 27, 2021, to answer questions regarding the proposed levy.

The County Board approved the Minor Plan Amendment and adopted a 2021 maximum levy of \$291,638 for the Elm Creek Commission on August 3, 2021.

At their August 11, 2021, meeting, the Commission called for a public hearing to be held on September 8, 2021, to consider two projects. The projects are:

**A. Project 2021-01:** Elm Road Area/Everest Lane Stream Restoration, Maple Grove. Stream restoration along 800 LF of intermittent stream to reduce sediment and nutrient release to Elm Creek, reducing Ph and TSS loading by 15 lbs/year and 15 tons/year, respectively, and improving DO and habitat for fish and invertebrates. Proposed Levy: \$132,563.

**B. Project 2021-02:** Elm Creek Stream Restoration Phase V Hayden Lake Outfall, Champlin. 3,800 LF of stream bank restoration located upgradient of the Mill ponds. Proposed construction will improve impaired water with low DO, restoring the stream banks and providing habitat structure. Proposed Levy: \$159,075.

Member cities and the County have been notified and notice has been duly published in the August 26 and September 2, 2021, editions of the *Osseo Maple Grove Press*.

*[The public hearing was opened at 11:40 a.m.]*

No written or verbal comments have been received from the cities, reviewing agencies, or the public. No additional discussion occurred among the members.

*[The public hearing was closed at 11:44 a.m. and the regular meeting resumed.]*

### **III. 2021 Levy.**

With no further discussion, motion by Guenthner, second by Walraven to adopt **Resolution 2021-04\*** Ordering 2021 Improvement Projects, Designating Members Responsible for Construction and Making Findings and Designating Commission Cost-Share Funding. *Motion carried unanimously.*

Motion by Walraven, second by Guenthner to approve **Cooperative Agreements with the City of Maple Grove\*** for Project 2021-01 and **with the City of Champlin\*** for Project 2021-02 and authorizing the Vice Chair and the Administrator to execute the agreements. *Motion carried unanimously.*

By October 1, 2021, Staff must inform Hennepin County of the Commission's levy request for 2021 (payable 2022) of \$291,638.

### **IV. Open Forum.**

Arne described BWSR's **Performance Review and Assistance Program (PRAP)\*** and presented the results of the review of the Elm Creek Commission. BWSR has developed four levels of review. This was a Level II review.

A Level I review annually tabulates all local governmental units' compliance with basic planning and reporting requirements. In Level II, conducted by BWSR once every ten years for each local government unit, the focus is on the degree to which the organization is accomplishing its water management plan. A Level II review includes determination of compliance with BWSR's Level I and II statewide performance standards, a tabulation of progress on planned goals and objectives, a survey of staff and board members of the factors affecting plan implementation, a survey of the Commission's partners about their impressions

of working with the Commission, and a BWSR staff report to the organization with findings, conclusions, and recommendations. The final report will be available later this year.

Four recommendations were brought forward by BWSR:

1. Existing planning goals are too broad. They need to be more targeted, prioritized, and measurable.
2. Conduct internal analysis of the CIP. Work with city officials, informing them of the benefits of the program. Identify barriers that preclude this from happening.
3. Review regulatory timelines.
4. Coordinate communication efforts between Commission and landowners. Focus on specific land areas that contribute to low water quality. Partner with Hennepin County in these efforts. The County is a valuable resource for marketing programs and oftentimes also has grant resources available.
5. (Added) Update the Commissioner Handbook, conduct training session for Commissioners. Look to League of Minnesota Cities and the BWSR website for resources/assistance.

Arne briefly described available PRAP grants to assist with some of these tasks. They are awarded on a 1:1 match.

Staff will inform Chairman Baines of this discussion. Cesnik volunteered to work with Baines, Spector, and Anderson on these recommendations, particularly item 5. It was suggested that a couple of TAC members should also be included on this committee.

Motion by Walraven, second by Guenthner to accept the PRAP report. *Motion carried unanimously.*

A draft Data Practices Policy will be presented at the October meeting.

## V. Action Items.

**A. Project Review 2021-026 Prairie Creek, Medina.\*** This proposed development will consist of a new 17 lot single-family development encompassing approximately 6.72 acres located on Hamel Road at Elm Creek Drive. There will also be a new private street, concrete walks, and utilities. The project is being reviewed for compliance with Rules D, E, F and I. Staff's August 19, 2021, review and findings are included in this month's packet wherein Staff recommends approval conditioned upon (a) determination of the final escrow fee balance when all conditions for approval are met and (b) wetland buffer monumentation meeting the Commission's requirements. Native vegetation seed mix will be used in the buffer areas. Motion by Guenthner, second by Walraven to approve Staff's recommendations. *Motion carried unanimously.*

**B. Project Review 2021-035 Mister Carwash, Rogers.\*** The project includes redevelopment of an existing, vacant restaurant building, parking lot, and drive-through into a new carwash facility at 21421 South Diamond Lake Road. The redevelopment is anticipated to decrease the impervious area by approximately 0.3 acres at the project site and add an underground filtration basin with underdrain. The project was reviewed for Rules D and E. Staff's findings dated August 31, 2021, are included in the meeting packet. Technical staff administratively approved the project because of the net decrease of impervious and construction of a stormwater BMP. This project will be removed from the Staff report pending reconciliation of review fees.

**C. Policy on Cost Share for Non-Structural Practices.\*** The Technical Advisory Committee (TAC) approved this policy in 2020 and recommended that it be forwarded on to the Commission for approval. This policy will serve as the basis for consideration by the Commission of funding non-structural practices and partnerships with member communities. Motion by Guenther, second by Walraven to approve the proposed policy, effective this date. *Motion carried unanimously.*

**D.** Motion by Walraven, second by Guenther to approve the annual **Cooperative Agreement with the United States Geological Survey** for the water year ending September 30, 2021. The agreement is for the operation and maintenance of the gaging station and water quality sampling on Elm Creek near Champlin. The agreement is in the amount of \$40,858, with the Commission's share being \$21,562. *Motion carried unanimously.*

**VI. Old Business.**

**VII. New Business.**

**VIII. Communications.**

**A. September Staff Report.\*** Staff reports provide updates on the development projects currently under review by Staff or awaiting final recordings. The projects listed in the table beginning on page 6 of these minutes are discussed in this month's report.

The report also contains the following update regarding the **Third Party HUC-8 Model Review**: The MNDNR intends to hold a Flood Risk Review Meeting for the watershed sometime in September. Wenck/Stantec is preparing a response on behalf of the watershed and its member cities.

**B. Hennepin County Updates.\***

**1. Natural Resources Strategic Plan.** A survey has been distributed to stakeholders and the public asking for feedback on what folks value and wish for the County to prioritize in its natural and water resources work. The survey is available at <https://www.hennepin.us/natural-resources-plan>, (<https://www.surveymonkey.com/r/L2QRWFS>) or by navigating to the County webpage dedicated to the plan: [Updating the Natural Resources Strategic Plan | Hennepin County](#). Updates are available at: [Hennepin County \(govdelivery.com\)](#). Public and stakeholder outreach will continue through the end of summer. Collaboration groups will also be convened in the coming weeks for stakeholders to provide direct input on planning content.

**2. Upcoming events where Hennepin County will have a presence:**

- a. Minneapolis Monarch Festival, Lake Nokomis, September 11.
- b. Medina Celebration Day, September 18.
- c. Oktoberfest at Heidi's Growhaus, Corcoran, September 25.

**3. Project/Program Updates.**

**a. Rush Creek Projects**

**1)** "Top of Hill WASCOB + Waterway." Staff conducted site visit with landowner to inspect the installation of the waterway and design the "Phase 1" projects. Seeding on waterway still needs to be done. A seed mix was developed by Staff and sent to the landowner. Staff is awaiting updates to Phase 1 design from EOR. Finalized design and contract will then be sent to landowner

for signature. Phase 1 projects include seven grassed waterways, one wetland expansion and one creek stabilization.

2) The County will be requesting proposals for engineering services and wetland permitting assistance for Phase 2 projects. Construction on these projects is anticipated late 2021 and early 2022.

b. Updates on eight other landowner issues are included in the report.

4. **Agricultural Conservation Program.** Staff are currently developing options to preserve farmland in Hennepin County. Staff have met with others who have developed similar programs in other areas of the country to learn more about potential options. A mailer was sent to farmers and landowners with agricultural operations to gauge their interest and obtain input on the program. Follow up conversations are currently underway.

5. **Grants for deconstruction to salvage building materials.** Funding is available for building projects that use deconstruction techniques instead of standard demolition to remove materials during the destruction, alteration, or renovation of a building. In a deconstruction project, a building is taken apart mostly by hand, and materials are sorted into categories for efficient recycling and reuse. Property owners and developers can receive up to \$5,000 to help offset the additional time and labor costs associated with deconstruction. Grants are available for demolition or renovation projects on residential properties up to 4 units that are 500 square feet or larger on structures built prior to 1970. Learn more and apply. <https://www.hennepin.us/deconstruction>

6. **Grants for assessment and cleanup of contaminated sites.** Applications are being accepted for Environmental Response Fund grants, which help with the redevelopment of contaminated sites where the added cost of environment cleanup is a barrier to site improvement. Projects supported by the Environmental Response Fund provide a variety of community benefits, including the creation of affordable or moderately priced housing, economic development, green space, and infrastructure improvements. Eligible applicants include cities, economic development agencies, housing and redevelopment authorities, other local public entities, nonprofit organizations, and for-profit businesses. Applications are due November 1. Prior to applying, contact [brownfields@hennepin.us](mailto:brownfields@hennepin.us) to discuss your project and funding needs.

7. **Seed grants** for community-based clean energy projects available from Clean Energy Resources Teams (CERTs) for projects that:

a. Support community-based clean energy, including those related to energy conservation and efficiency, renewable energy, electric vehicles, and energy storage.

b. Spur projects that are highly visible in their community and can be replicated by others.

c. Provide an opportunity for community education about clean energy and its many benefits.

Applications are due October 26.

8. **Grants available to increase pollinator habitat on residential properties.** The Minnesota Board of Water and Soil Resources and Blue Thumb are now accepting applications for the Lawns to Legumes program, which aims to increase habitat for at-risk pollinators on residential properties. All Minnesota residents are eligible to apply for individual support grants, which reimburse gardeners for up

to \$300 in costs associated with establishing pollinator habitat in their yards. The program also offers workshops, coaching, and planting guides. Applications for 2022 projects will be accepted through February 15, 2022.

**IX. Education and Public Outreach.\***

The West Metro Water Alliance (WMWA) will meet on September 14, 2021. Juntunen announced that four applications have been received for the Watershed PREP educator position.

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

**XI. Other Business.**

**XII. Adjournment.** There being no further business, motion by Walraven, second by Weir to adjourn. *Motion carried unanimously.* The meeting was adjourned at 12:56 p.m.

Respectfully submitted,

Judie A.Anderson  
Recording Secretary  
JAA:tim

Z:\Elm Creek\Meetings\Meetings 2021\September 8, 2021 Regular meeting and public hearing minutes.docx

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# Elm Creek Watershed Management Commission Treasurer's Report

		2021 Budget	Sept 2021	Oct 2021	2021 Budget YTD
<b>EXPENSES</b>					
Administrative		95,000	7,524.13	8,681.44	76,309.57
Grant Writing		650			0.00
Website		2,000	521.30	21.45	900.75
Legal		2,000	77.50	46.50	860.25
Audit		5,000			6,000.00
Insurance		3,800			3,800.00
Miscellaneous/Contingency		1,000			0.00
Technical Support - HCEE		12,000			0.00
Floodplain Mapping					23,488.00
Project Review Technical		185,000	1,021.00	34,274.75	97,705.25
Other Technical			226.00	9,625.75	46,705.55
Project Reviews - Admin Support		12,000	3,603.19	2,169.22	19,253.44
WCA - Admin					340.60
Stream Monitoring USGS		24,000		21,562.00	21,562.00
Stream Monitoring TRPD		7,200			0.00
DO Longitudinal Survey		1,000			0.00
Rain Gauge		400	31.97	33.79	281.02
Lakes Monitoring - CAMP		760			0.00
Lakes Monitoring - TRPD					0.00
Sentinel Lakes		8,100			0.00
Additional Lake		2,500			0.00
Aquatic Vegetation Surveys		1,100			0.00
Wetland Monitoring (WHEP)		4,000			0.00
Education		2,500	86.90	28.70	1,139.11
WMWA General Activities		5,000			3,000.00
WMWA Implementation/Watershed Prep		6,500			1,000.00
Rain Garden Wkshops/Intensive BMPs/Special Proj		3,000			1,000.00
Education Grants		1,000			0.00
Macroinvertebrate Monitoring-River Watch		3,000			0.00
Projects ineligible for ad valorem		0			0.00
Studies / Project ID / SWA		0	529.48	72.11	1,664.76
Plan Amendment		2,000			641.66
Contribution to 4th Gen Plan		10,000			0.00
Transfer to (from) Capital Projects (see CIP Tr		175,000		372.12	129,153.89
Transfer to (from) Cash Sureties (see below)			-	-	1,003.00
Transfer to (from) Grants (see below)		125,000	-	-	0.00
To Fund Balance					0.00
<b>TOTAL - Month</b>			<b>13,621.47</b>	<b>76,887.83</b>	<b>435,808.85</b>
<b>TOTAL Paid in 2021, incl late 2020 Expenses</b>		<b>700,510.00</b>	<b>460,731.98</b>	<b>537,619.81</b>	<b>2021 Paid</b>



# Elm Creek Watershed Management Commission Treasurer's Report

		2021 Budget	Sept 2021	Oct 2021	2021 Budget YTD
<b>INCOME</b>					
<i>From Fund Balance</i>					
Project Review Fee		100,000	19,575.00		170,648.90
Refund Project Fee					(1,021.50)
Water Monitoring - TRPD Co-op Agmt		5,500			0.00
Member Dues		237,300			237,300.00
Interest/Dividends Earned		15,250	12.72		141.33
<i>Transfer to (from) Capital Projects (see CIP Tr</i>		185,588			72,418.24
<i>Transfer to (from) Cash Sureties (see below)</i>					0.00
<i>Transfer to (from) Grants (see below)</i>		100,000	-	-	189,691.00
Misc Income					0.00
<b>Total - Month</b>			<b>19,587.72</b>	<b>0.00</b>	<b>669,177.97</b>
<b>TOTAL Rec'd 2021, incl late 2020 Income</b>		<b>643,638.00</b>	<b>696,165.79</b>	<b>696,165.79</b>	<b>2021 Received</b>
<b>CASH SUMMARY</b>		<b>Balance Fwd</b>			
Checking		0.00			
4M Fund		1,307,408.90	1,542,842.71	1,465,954.88	
<b>Cash on Hand</b>			<b>1,542,842.71</b>	<b>1,465,954.88</b>	
<b>CASH SURETIES</b>		<b>Balance Fwd</b>			<b>Activity 2021</b>
WCA Administrative Escrows		338			0.00
WCA Monitoring Escrows		8,770			-1,003.00
Total Cash Sureties		9,108	8,104.77	8,104.77	
Deferred Revenue - 2019 WBIF Grant		67,243			
<b>Total Restricted Cash</b>		<b>76,351</b>	<b>77,353.77</b>	<b>77,353.77</b>	
<b>RESTRICTED / ASSIGNED FUNDS</b>		<b>Balance Fwd</b>			
<i>Restricted for CIPs</i>		745,366	-	(372.12)	688,630.35
<i>Enc. Studies / Project Identification / SWA</i>		187,134	(529.48)	(72.11)	185,469.32
<b>Total Restricted / Assigned Funds</b>		<b>932,500</b>	<b>874,543.90</b>	<b>874,099.67</b>	
<b>Claims Presented</b>		<b>General Ledger Account No</b>	<b>September</b>	<b>October</b>	<b>TOTAL</b>
Campbell Knutson - Legal		521000		46.50	46.50
Connexus - Rain Gauge		551100		33.79	33.79
Barr Engineering					0.00
Project Review Technical		578050			
Other Technical		578050			
ECM Publishers					372.12
Hearing Notice Elm Rd Area/Everest Ln Strm Res		563025		186.06	
Hearing Notice EC Strm Rest Phase V Hayden La		563026		186.06	
U S Geological Survey - Stream Monitoring		551000		21,562.00	21,562.00
Stantec (formerly Wenck)					43,900.50
Project Review Technical		578050		34,274.75	
Other Technical		578050		9,625.75	
JASS					10,972.92
Administration		511000		8,681.44	
TAC Support		511000			
Website		581000		21.45	
Project Reviews		578100		2,169.22	
Education		590000		28.70	
CIPs General		563001		72.11	
<b>TOTAL CLAIMS</b>					<b>76,887.83</b>

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

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

Page: 1  
August 31, 2021  
Account # 1448G

SUMMARY STATEMENT

PREVIOUS BALANCE	FEES	EXPENSES	CREDITS	PAYMENTS	BALANCE
1448-0000 RE: GENERAL MATTERS					
SERVICES RENDERED TO DATE:					
77.50	46.50	0.00	0.00	0.00	<del>\$124.00</del>
					\$46.50

*paid 9/8*

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

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

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

Page: 1  
August 31, 2021  
Account # 1448-0000G  
230

RE: GENERAL MATTERS  
SERVICES RENDERED TO DATE:

			HOURS	
08/11/2021	JJJ	Emails Judie re: OML, pandemic continuation of remote hearings.	0.30	46.50
		AMOUNT DUE	0.30	46.50
		TOTAL CURRENT WORK		46.50
		PREVIOUS BALANCE		
		TOTAL AMOUNT DUE		

PAID 9/8 \$77.50

~~\$124.00~~

\$46.50

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



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

ELM CREEK WATERSHED MGMT ORG

## Monthly Statement

**Service Address**  
 ELM CREEK RD  
 DAYTON MN

### Billing Summary

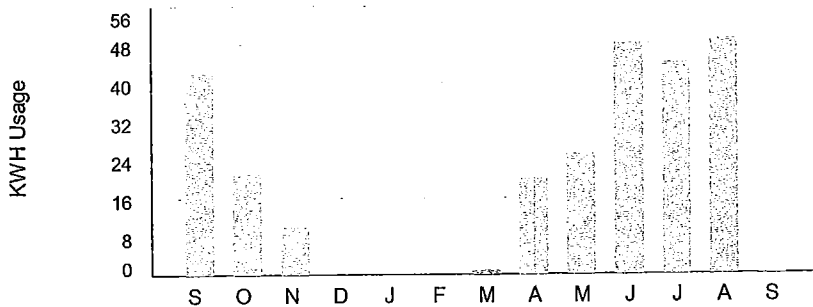
Billing Date: Sep 17, 2021

Previous Balance	\$31.97
Payments - Thank You!	\$31.97
<b>Balance Forward</b>	<b>\$0.00</b>
<b>New Charges</b>	<b>\$33.79</b>
<b>Total Amount Due</b>	<b>\$33.79</b>
Payment must be received on or before October 13, 2021	

### Energy Comparison

Previous Months' Usage

Current Month's Usage



### How to contact us

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

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

TRA3-D-007178/006627 VG0872 S1-ET-M1-C00002



Account Number:

481113-238425

Total Amount Due

\$33.79

Payment Due By

October 13, 2021



007178 1 AB 0.458 003178/007178/006627 024 02 VG0872  
 ELM CREEK WATERSHED MGMT ORG  
 3235 FERNBROOK LN N  
 PLYMOUTH MN 55447-5325



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

00003379 0004811130238425 000000 000000 000000000000 00000004



**Publishers, Inc.**  
4095 Coon Rapids Blvd.  
Coon Rapids, MN 55433  
Address Service Requested

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PLEASE CHECK BOX IF ADDRESS CHANGED  
& INDICATE NEW ADDRESS

Page # 1

# INVOICE

ELM CREEK WATERSHED MGMT COMMISSION  
JUDIE ANDERSON  
3235 FERNBROOK LN  
PLYMOUTH, MN 55447

Invoice Date
9/2/2021

Invoice Number	Ad Number
851889	1159576

Terms
Net 30

Check Number	Amount Paid

Account # 419241 \$372.12

ACCOUNT NUMBER	START DATE	STOP DATE	EDITION DATE	ACCOUNT REPRESENTATIVE
419241	08/26/21	09/02/21	9/2/2021	Osseo Legals 763-691-6001

Please return the upper portion with your payment. Or call 763-712-2494 with a credit card payment.

PUBLICATION	DATE	AD#	CLASS	DESCRIPTION/TAG LINE	TYPE	SIZE	QTY/TIMES	AMOUNT
Osseo MG Champlin & Dayton Press	09/02/2021	1159576	150	Sept 8 PH projects 2021-01/02	L	1.0 X 10.11	2	372.12

2021-01 \$106.06  
2021-02 186.06

Net Amount	372.12
Shipping	0.00
Tax	0.00
Amount Due	372.12

851889



**\$30 charge assessed for returned checks.**  
Report errors within 5 days to ensure consideration.  
Unpaid balances over 30 days past due will incur a 1.5%  
finance charge per month (Minimum .50 per month).

# AFFIDAVIT OF PUBLICATION

STATE OF MINNESOTA ) ss  
COUNTY OF HENNEPIN

Karen Nelson being duly sworn on an oath, states or affirms that he/she is the Publisher's Designated Agent of the newspaper(s) known as:

Osseo MG Champlin Dayton Press

with the known office of issue being located in the county of:

HENNEPIN

with additional circulation in the counties of:

HENNEPIN

and has full knowledge of the facts stated below:

- (A) The newspaper has complied with all of the requirements constituting qualification as a qualified newspaper as provided by Minn. Stat. §331A.02.
- (B) This Public Notice was printed and published in said newspaper(s) once each week, for 2 successive week(s); the first insertion being on 08/26/2021 and the last insertion being on 09/02/2021.

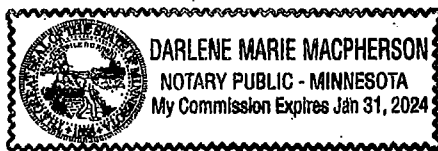
## MORTGAGE FORECLOSURE NOTICES

Pursuant to Minnesota Stat. §580.033 relating to the publication of mortgage foreclosure notices: The newspaper complies with the conditions described in §580.033, subd. 1, clause (1) or (2). If the newspaper's known office of issue is located in a county adjoining the county where the mortgaged premises or some part of the mortgaged premises described in the notice are located, a substantial portion of the newspaper's circulation is in the latter county.

By: Karen Nelson  
Designated Agent

Subscribed and sworn to or affirmed before me on 09/02/2021 by Karen Nelson.

Darlene Marie MacPherson  
Notary Public



## Rate Information:

(1) Lowest classified rate paid by commercial users for comparable space:

\$17.90 per column inch

Ad ID 1159576

## ELM CREEK WATERSHED MANAGEMENT COMMISSION NOTICE OF PUBLIC HEARING

TO WHOM IT MAY CONCERN:  
Notice is hereby given that the Elm Creek Watershed Management Commission (ECWMC) will meet on Wednesday, September 8, 2021, at approximately 11:30 a.m., or as soon thereafter as the matter may be heard, for a public hearing on the following improvements:

**Project 2021-01:** Elm Road Area/Everest Lane Stream Restoration

**Location:** Maple Grove.

**Description:** Stream restoration along 800 LF of intermittent stream to reduce sediment and nutrient release to Elm Creek, reducing Ph and TSS loading by 15 lbs/year and 15 tons/year, respectively, and improving DO and habitat for fish and invertebrates.

**Cost:** Estimated project cost is \$500,000. The ECWMC proposes to fund \$132,563 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

**Project 2021-02:** Elm Creek Stream Restoration Phase V Hayden Lake Outfall

**Location:** Champlin

**Description:** Includes 3,800 LF of stream bank restoration located upgradient of the Mill Ponds. Proposed construction will improve impaired water with low DO, restoring the stream banks and providing habitat structure.

**Cost:** Estimated project cost is \$900,000. The ECWMC proposes to fund \$159,075 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

The Commission proposes to proceed under the authority granted by MN Statutes, Sec. 103B.251 to certify its share of the project cost to Hennepin County for payment by a tax levy on all taxable property located within the Elm Creek watershed. The watershed includes all or portions of the cities of Champlin, Corcoran, Dayton, Maple Grove, Medina, Plymouth, and Rogers. Maps of the watershed are available at the respective city halls or at [www.elmcreekwatershed.org](http://www.elmcreekwatershed.org).

Due to the uncertainty regarding COVID-19 and the Delta variant, go to <http://www.elmcreekwatershed.org/minutes--meeting-packets.html> to learn how to attend this meeting. Meetings are open to the public.

Persons who desire to be heard with reference to the proposed improvements will be heard at this meeting. Written comments may be submitted to Doug Baines, c/o JASS, 3235 Fernbrook Lane, Plymouth, MN 55447, or emailed to [judie@jass.biz](mailto:judie@jass.biz). Auxiliary aids for persons with handicaps are available upon request at least 7 days

in advance. Please contact Judie Anderson at 763-553-1144 to make arrangements.

/s/ Doug Baines, Chair  
By order of the Elm Creek Watershed Management Commission

Published in  
The Press  
August 26, September 2, 2021  
1159576

**page 19**  
 UNITED STATES DEPARTMENT OF THE INTERIOR  
 DOWN PAYMENT (BILL) REQUEST

Make Remittance Payable To: U.S. Geological Survey  
 Billing Contact: Angie Hughes, amhughes@usgs.gov

Phone: 651-280-5735

Bill #: 90930474  
 Customer: 6000001534  
 Date: 09/23/2021  
 Due Date: 11/22/2021

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

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

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

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

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

Amount of Payment: \$ \_\_\_\_\_

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
09/23/2021	Billing for the operation and maintenance of a gaging station and water-quality sampling on Elm Creek near Champlin. 21NKJFA203	1	21,562.00	1	21,562.00

Amount Due this Bill: 21,562.00

Accounting Classification:  
 Sales Order: 101509  
 Sales Office: GENK  
 Customer: 6000001534  
 Accounting #: 10676096

TIN: \*\*\*\*\*6985



## INVOICE

Page 1 of 4

Invoice Number	1833169
Invoice Date	September 16, 2021
Purchase Order	--
Customer Number	167501
Project Number	227702779

**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

<b>Project</b>	<b>Elm Creek Watershed 2021 Technical Services</b>		
Project Manager	Spector, Diane F	Contract Upset	181,148.00
Current Invoice Total (USD)	22,439.50	Amount Billed to Date	64,323.25
		For Period Ending	<b>August 27, 2021</b>

Update rates, Email invoices to Judie Anderson judie@jass.biz

<b>Top Task</b>	<b>100</b>	<b>Pre-Project Reviews and Inquiries</b>
<b>Low Task</b>	<b>100</b>	<b>Pre-Project Reviews and Inquiries</b>

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	4.75	165.00	783.75
Matthiesen, Edward Armin (Ed)	2.75	205.00	563.75
<b>Subtotal Professional Services</b>	<b>7.50</b>		<b>1,347.50</b>

**Subconsultants**

Surface Water Solutions LLC	543.75
<b>Subtotal Subconsultants</b>	<b>543.75</b>

Low Task Subtotal	<b>Pre-Project Reviews and Inquiries</b>	1,891.25
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Top Task Subtotal	<b>Pre-Project Reviews and Inquiries</b>	1,891.25
-------------------	--	----------

<b>Top Task</b>	<b>300</b>	<b>Meetings</b>
<b>Low Task</b>	<b>300</b>	<b>Meetings</b>

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	5.75	165.00	948.75
Matthiesen, Edward Armin (Ed)	3.00	205.00	615.00
<b>Subtotal Professional Services</b>	<b>8.75</b>		<b>1,563.75</b>

**Subconsultants**

Surface Water Solutions LLC	875.00
Resilience Resources LLC	165.00





## INVOICE

Page 2 of 4

Invoice Number 1833169  
 Invoice Date September 16, 2021  
 Purchase Order --  
 Customer Number 167501  
 Project Number 227702779

Subtotal Subconsultants 1,040.00

Low Task Subtotal Meetings 2,603.75

Top Task Subtotal Meetings 2,603.75

Top Task 500 Project Review  
 Low Task 500.023 Maple Grove MOB

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	9.50	165.00	1,567.50
<b>Subtotal Professional Services</b>	<b>9.50</b>		<b>1,567.50</b>

Subconsultants

Resilience Resources LLC 3,778.50  
**Subtotal Subconsultants 3,778.50**

Low Task Subtotal Maple Grove MOB 5,346.00

Low Task 500.027 Xcel Energy Substation

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Zhang, Lu	9.75	141.00	1,374.75
Mullen, Ross S	2.50	165.00	412.50
<b>Subtotal Professional Services</b>	<b>12.25</b>		<b>1,787.25</b>

Low Task Subtotal Xcel Energy Substation 1,787.25

Low Task 500.029 TriCare Grocery

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Weis, Rena D	4.75	115.00	546.25
Mullen, Ross S	3.00	165.00	495.00
<b>Subtotal Professional Services</b>	<b>7.75</b>		<b>1,041.25</b>

Low Task Subtotal TriCare Grocery 1,041.25

Low Task 500.030 TriCare Roads and Grading

Professional Services



## INVOICE

Page 3 of 4

Invoice Number	1833169
Invoice Date	September 16, 2021
Purchase Order	--
Customer Number	167501
Project Number	227702779

Category/Employee		Current Hours	Rate	Current Amount
	Weis, Rena D	4.25	115.00	488.75
	Mullen, Ross S	3.75	165.00	618.75
	<b>Subtotal Professional Services</b>	<u>8.00</u>		<u>1,107.50</u>

Low Task Subtotal	Tricare Roads and Grading	1,107.50
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Low Task	500.033	Westin Commons
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Zhang, Lu	8.50	141.00	1,198.50
	Mullen, Ross S	2.75	165.00	453.75
	<b>Subtotal Professional Services</b>	<u>11.25</u>		<u>1,652.25</u>

Low Task Subtotal	Westin Commons	1,652.25
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Low Task	500.034	BAPS Temple
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Fesenmaier, Mark Gregory	1.00	65.00	65.00
	Mullen, Ross S	1.00	165.00	165.00
	<b>Subtotal Professional Services</b>	<u>2.00</u>		<u>230.00</u>

Low Task Subtotal	BAPS Temple	230.00
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Low Task	500.035	Mister Carwash
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Stone, Alicia L	6.00	103.00	618.00
	Mullen, Ross S	3.50	165.00	577.50
	<b>Subtotal Professional Services</b>	<u>9.50</u>		<u>1,195.50</u>

**Subconsultants**

Surface Water Solutions LLC	3,250.00
<b>Subtotal Subconsultants</b>	<u>3,250.00</u>

Low Task Subtotal	Mister Carwash	4,445.50
-------------------	----------------	----------



## INVOICE

Invoice Number	1833169
Invoice Date	September 16, 2021
Purchase Order	--
Customer Number	167501
Project Number	227702779

Low Task 500.037 Marsh Point

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	0.25	165.00	41.25
<b>Subtotal Professional Services</b>	<b>0.25</b>		<b>41.25</b>

Low Task Subtotal Marsh Point 41.25

Low Task 500.039 I94 Logistics Center

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Zhang, Lu	6.00	141.00	846.00
Mullen, Ross S	0.25	165.00	41.25
<b>Subtotal Professional Services</b>	<b>6.25</b>		<b>887.25</b>

Low Task Subtotal I94 Logistics Center 887.25

Top Task Subtotal Project Review 16,538.25

Top Task 600 Other Services

Low Task 600.000 Other Services

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	7.00	165.00	1,155.00
Spector, Diane F	1.00	200.00	200.00
Matthiesen, Edward Armin (Ed)	0.25	205.00	51.25
<b>Subtotal Professional Services</b>	<b>8.25</b>		<b>1,406.25</b>

Low Task Subtotal Other Services 1,406.25

Top Task Subtotal Other Services 1,406.25

Total Fees & Disbursements	22,439.50
<b>INVOICE TOTAL (USD)</b>	<b>22,439.50</b>

Due upon receipt or in accordance with terms of the contract



## INVOICE

Page 1 of 5

Invoice Number 1840893  
 Invoice Date October 6, 2021  
 Purchase Order --  
 Customer Number 167501  
 Project Number 227702779

**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 Watershed 2021 Technical Services**

Project Manager	Spector, Diane F	Contract Upset	181,148.00
Current Invoice Total (USD)	21,461.00	Amount Billed to Date	85,784.25
		For Period Ending	<b>September 24, 2021</b>

Update rates, Email invoices to Judie Anderson judie@jass.biz

<b>Top Task</b>	<b>100</b>	<b>Pre-Project Reviews and Inquiries</b>
<b>Low Task</b>	<b>100</b>	<b>Pre-Project Reviews and Inquiries</b>

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Zea, Jacob Thomas	0.50	128.00	64.00
Mullen, Ross S	5.50	165.00	907.50
Matthiesen, Edward Armin (Ed)	0.50	205.00	102.50
<b>Subtotal Professional Services</b>	<b>6.50</b>		<b>1,074.00</b>

**Subconsultants**

Surface Water Solutions LLC	218.75
<b>Subtotal Subconsultants</b>	<b>218.75</b>

Low Task Subtotal	<b>Pre-Project Reviews and Inquiries</b>	1,292.75
Top Task Subtotal	<b>Pre-Project Reviews and Inquiries</b>	1,292.75

<b>Top Task</b>	<b>300</b>	<b>Meetings</b>
<b>Low Task</b>	<b>300</b>	<b>Meetings</b>

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	5.00	165.00	825.00
Spector, Diane F	1.50	200.00	300.00
Matthiesen, Edward Armin (Ed)	1.00	205.00	205.00
<b>Subtotal Professional Services</b>	<b>7.50</b>		<b>1,330.00</b>

**Subconsultants**

Surface Water Solutions LLC	312.50
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## INVOICE

Page 2 of 5

Invoice Number	1840893
Invoice Date	October 6, 2021
Purchase Order	---
Customer Number	167501
Project Number	227702779

Subtotal Subconsultants	312.50
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Low Task Subtotal	Meetings	1,642.50
-------------------	----------	----------

Top Task Subtotal	Meetings	1,642.50
-------------------	----------	----------

Top Task	500	Project Review
Low Task	500.023	Maple Grove MOB

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Zhang, Lu	0.25	141.00	35.25
Mullen, Ross S	7.25	165.00	1,196.25
Subtotal Professional Services	7.50		1,231.50

Low Task Subtotal	Maple Grove MOB	1,231.50
-------------------	-----------------	----------

Low Task	500.025	Hackamore Road
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	1.25	165.00	206.25
Subtotal Professional Services	1.25		206.25

Low Task Subtotal	Hackamore Road	206.25
-------------------	----------------	--------

Low Task	500.027	Xcel Energy Substation
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Zhang, Lu	3.25	141.00	458.25
Mullen, Ross S	9.00	165.00	1,485.00
Matthiesen, Edward Armin (Ed)	0.25	205.00	51.25
Subtotal Professional Services	12.50		1,994.50

Low Task Subtotal	Xcel Energy Substation	1,994.50
-------------------	------------------------	----------

Low Task	500.029	TriCare Grocery
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Weis, Rena D	0.50	115.00	57.50
Mullen, Ross S	7.50	165.00	1,237.50



## INVOICE

Page 3 of 5

Invoice Number	1840893
Invoice Date	October 6, 2021
Purchase Order	--
Customer Number	167501
Project Number	227702779

Subtotal Professional Services	8.00	1,295.00
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Low Task Subtotal	TriCare Grocery	1,295.00
-------------------	-----------------	----------

Low Task	500.030	TriCare Roads and Grading
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Weis, Rena D	14.50	115.00	1,667.50
	Mullen, Ross S	7.25	165.00	1,196.25
	Subtotal Professional Services	21.75		2,863.75

Low Task Subtotal	TriCare Roads and Grading	2,863.75
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Low Task	500.031	Cook Lake Edgewater
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Mullen, Ross S	0.50	165.00	82.50
	Subtotal Professional Services	0.50		82.50

Low Task Subtotal	Cook Lake Edgewater	82.50
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Low Task	500.033	Westin Commons
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Zhang, Lu	6.00	141.00	846.00
	Mullen, Ross S	2.75	165.00	453.75
	Subtotal Professional Services	8.75		1,299.75

Low Task Subtotal	Westin Commons	1,299.75
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Low Task	500.034	BAPS Temple
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Fesenmaier, Mark Gregory	10.50	65.00	682.50
	Mullen, Ross S	3.50	165.00	577.50
	Subtotal Professional Services	14.00		1,260.00



## INVOICE

Page 4 of 5

Invoice Number	1840893
Invoice Date	October 6, 2021
Purchase Order	---
Customer Number	167501
Project Number	227702779

Low Task Subtotal	BAPS Temple	1,260.00
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Low Task	500.035	Mister Carwash
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Mullen, Ross S	2.50	165.00	412.50
<b>Subtotal Professional Services</b>	<u>2.50</u>		<u>412.50</u>

Low Task Subtotal	Mister Carwash	412.50
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Low Task	500.037	Marsh Point
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Zea, Jacob Thomas	18.00	128.00	2,304.00
Mullen, Ross S	3.00	165.00	495.00
<b>Subtotal Professional Services</b>	<u>21.00</u>		<u>2,799.00</u>

Subconsultants

Surface Water Solutions LLC	2,300.00
<b>Subtotal Subconsultants</b>	<u>2,300.00</u>

Low Task Subtotal	Marsh Point	5,099.00
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Low Task	500.039	194 Logistics Center
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Zhang, Lu	3.00	141.00	423.00
Mullen, Ross S	4.50	165.00	742.50
<b>Subtotal Professional Services</b>	<u>7.50</u>		<u>1,165.50</u>

Low Task Subtotal	194 Logistics Center	1,165.50
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Low Task	500.042	Risor Senior Living
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Fesenmaier, Mark Gregory	3.00	65.00	195.00
Mullen, Ross S	1.25	165.00	206.25
<b>Subtotal Professional Services</b>	<u>4.25</u>		<u>401.25</u>



## INVOICE

Page 5 of 5

Invoice Number	1840893
Invoice Date	October 6, 2021
Purchase Order	--
Customer Number	167501
Project Number	227702779

Low Task Subtotal	Risor Senior Living	401.25
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Low Task	500.043	Northwood Community Church
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Fesenmaier, Mark Gregory	4.00	65.00	260.00
	Mullen, Ross S	1.00	165.00	165.00
	<b>Subtotal Professional Services</b>	<u>5.00</u>		<u>425.00</u>

Low Task Subtotal	Northwood Community Church	425.00
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Top Task Subtotal	Project Review	17,736.50
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Top Task	600	Other Services
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Low Task	600.000	Other Services
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Mullen, Ross S	0.25	165.00	41.25
	Spector, Diane F	1.50	200.00	300.00
	<b>Subtotal Professional Services</b>	<u>1.75</u>		<u>341.25</u>

Low Task Subtotal	Other Services	341.25
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Low Task	600.001	HUC-8 Review
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Truong, Kaitlen Nguyen (Kaitlin)	3.50	128.00	448.00
	<b>Subtotal Professional Services</b>	<u>3.50</u>		<u>448.00</u>

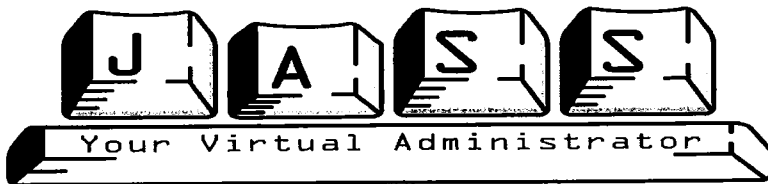
Low Task Subtotal	HUC-8 Review	448.00
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Top Task Subtotal	Other Services	789.25
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<b>Total Fees &amp; Disbursements</b>	<u>21,461.00</u>
<b>INVOICE TOTAL (USD)</b>	<b>21,461.00</b>

Due upon receipt 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-Oct-21

Total by  
Project Area

Administrative	0.750	60.00	45.00	
Administrative	44.210	65.00	2,873.65	
Administrative - Audit		65.00	0.00	
Administrative - PRAP	0.370	65.00	24.05	
Admin - virtual PRAP		70.00	0.00	
PRAP - Reimbursable Expense	114.500	1.00	114.50	
Handbook	37.520	65.00	2,438.80	
Admin - virtual	4.340	70.00	303.80	
Office Support	12.00	200.00	2,400.00	
Storage Unit	1.00	146.64	146.64	
Data Processing/File Mgmt		65.00	0.00	
File Management		60.00	0.00	
Admin - Reimbursable Expense	335.00	1.00	335.00	8,681.440
Admin - TAC support		60.00	0.00	
Admin - TAC support		65.00	0.00	
Admin - TAC support virtual		70.00	0.00	
TAC Support - Reimbursable Expense		1.00	0.00	0.000
Website		60.00	0.00	
Website	0.33	65.00	21.45	
Website - Reimbursable Expense		1.00	0.00	
Web Domain, hosting		1.00	0.00	21.450
Project Reviews - Secre		60.00	0.00	
Project Reviews - Admin	18.89	65.00	1,227.85	
Project Reviews - Admin offsite		70.00	0.00	
Project Reviews - Admin - File Mgmt		60.00	0.00	
Project Reviews - Reimbursable Expense	550.07	1.00	550.07	1,777.920
Project Reviews - Admin - Specific	6.02	65.00	391.30	
Project Reviews - Admin - Specific - reimbursables		1.00	0.00	391.300
Education - Secretarial		60.00	0.00	
Education - Admin		65.00	0.00	
Education - Admin virtual - Blue Thumb Partner Event	0.410	70.00	28.70	
Education - Reimbursable Expense		1.00	0.00	28.700
CIPs - General - Secretarial		60.00	0.00	
CIPs - Administrative	1.10	65.00	71.50	
CIPs- Offsite Admin		70.00	0.00	
CIPs - reimbursables	0.61	1.00	0.61	72.110
Cost Share - admin		60.00	0.00	
Cost Share - administrative		65.00	0.00	
Cost Share - reimbursable expense		1.00	0.00	0.000

Invoice Total

10,972.920

**Elm Creek Watershed Management Commission Treasurer's Report**

**CORRECTED**

	A	B	C	K	L	T	U	V	W	X
1			2021 Budget	thru July 2021 / paid Aug 2021 66.67%	thru Aug 2021 / paid Sep 2021 75%	2021 Budget Expenses YTD	%age Budget Expended YTD	Extrapolated FY 2021	Extrapolated %age FY 2021	(Over) Under Budget
2	<b>EXPENSES</b>									
3	Administrative		95,000	7,138.26	7,524.13	67,613.02	71.17	115,908	122	(20,908)
4	Grant Writing		650			0.00	0.00	0	0	650
5	Website		2,000	120.00	521.30	879.30	43.97	1,507	75	493
6	Legal		2,000		77.50	813.75	40.69	1,395	70	605
7	Audit		5,000	6,000.00		6,000.00	120.00	6,000	120	(1,000)
8	Insurance		3,800			3,800.00	100.00	3,800	100	-
9	Miscellaneous/Contingency		1,000			0.00	0.00	0	0	1,000
10	Technical Support - HCEE		12,000			0.00	0.00	0	0	12,000
11	Floodplain Mapping		0			23,488.00		23,488		(23,488)
12	Project Review Technical (Job 300)		185,000	5,785.50	1,021.00	63,430.50	34.29	108,738	59	76,262
13	Other Technical (Jobs 100 & 200)		-	7,187.55	226.00	37,079.80		63,565		(63,565)
14	Project Reviews - Admin Support		12,000	1,183.45	3,603.19	17,084.22	142.37	29,287	244	(17,287)
15	WCA - Admin		-			340.60		584		(584)
16	Stream Monitoring USGS		24,000			0.00	0.00	0	0	24,000
17	Stream Monitoring TRPD		7,200			0.00	0.00	7,200	100	-
18	DO Longitudinal Survey		1,000			0.00	0.00	1,000	100	-
19	Rain Gauge		400	34.72	31.97	247.23	61.81	424	106	(24)
20	Lakes Monitoring - CAMP		760			0.00	0.00	0	0	760
21	Lakes Monitoring - TRPD					0.00		0		-
22	Sentinel Lakes		8,100			0.00	0.00	0	0	8,100
23	Additional Lake		2,500			0.00	0.00	0	0	2,500
24	Aquatic Vegetation Surveys		1,100			0.00	0.00	0	0	1,100
25	Wetland Monitoring (WHEP)		4,000			0.00	0.00	0	0	4,000
26	Education		2,500	257.50	86.90	1,110.41	44.42	1,904	76	596
27	WMWA General Activities		5,000	3,000.00		3,000.00	60.00	3,000	60	2,000
28	WMWA Implementation/Watershed Prep		6,500	1,000.00		1,000.00	15.38	1,000	15	5,500
29	Rain Garden Wkshops/Intensive BMPs/Special Projects		3,000	1,000.00		1,000.00	33.33	3,000	100	-
30	Education Grants		1,000			0.00	0.00	0	0	1,000
31	Macroinvertebrate Monitoring-River Watch		3,000			0.00	0.00	0	0	3,000
32	Projects ineligible for ad valorem		0		CIPs	0.00		0		-
33	Studies / Project ID / SWA		0		529.48	1,592.65		2,730		(2,730)
34	Plan Amendment		2,000			641.66	32.08	1,100	55	900
35	Contribution to 4th Gen Plan		10,000			0.00	0.00	0	0	10,000

# Elm Creek Watershed Management Commission Treasurer's Report

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CORRECTED

	A	B	C	K	L	T	U	V	W	X
36	Transfer to (from) Encumbered Funds (see below)					0.00		0		
37	Transfer to (from) Capital Projects (see CIP Tracking)		175,000			128,781.77		128,782	74	
38	Transfer to (from) Cash Sureties (see below)					1,003.00		1,003		
39	Transfer to (from) Grants (see below)		125,000			0.00			0	
40	To Fund Balance									
41	<b>TOTAL - Month</b>			<b>32,706.98</b>	<b>13,621.47</b>	<b>358,905.91</b>		505,415		
42	Accumulated Expenses 2021	blue highlighted = 2020 Expens	700,510.00	302,906.56	316,528.03	2021 Paid			0	
43										

**Elm Creek Watershed Management Commission Treasurer's Report**

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**CORRECTED**

	A	B	C	K	L	T	U	V	W	X
44			2021 Budget	recd July 2021	recd Aug 2021	Revenue YTD	Received YTD	FY 2021		
45	<b>REVENUE</b>									
46	<i>From Fund Balance</i>									
47	Floodplain Modeling					0.00		48,693		
48	Project Review Fee		100,000	16,875.00		107,198.90	107.20	257,277		
49	Refund Project Fee					-1,021.50		(2,452)		
50	Water Monitoring - TRPD Co-op Agmt		5,500			0.00	0.00	5,500		
51	WCA Fees		0			0.00		-		
52	Reimbursement for WCA Expense					0.00		-		
53	WCA Escrow Earned					0.00		-		
54	Member Dues		237,300			237,300.00	100.00	237,300		
55	Interest/Dividends Earned		15,250	13.14		115.59	0.76	277		
56	<i>Transfer to (from) Capital Projects (see CIP Tracking)</i>		185,588	72,418.24		72,418.24	39.02	173,804		
57	<i>Transfer to (from) Cash Sureties (see below)</i>			CIP Tax Levy		0.00		-		
58	<i>Transfer to (from) Grants (see below)</i>		100,000			209,691.00				
59	Misc Income					0.00		-		
60	<b>Total - Month</b>			89,306.38	0.00	625,702.23		720,399.95		
61	<b>Accumulated Receipts 2021</b>	blue highlighted=2020 Revenue	643,638.00	571,382.71	571,382.71	2021 Received				
62										
63				July	Aug					
64	<b>MONTHLY CASH SUMMARY</b>	Balance Fwd		56,599.40	-13,621.47					

**Elm Creek Watershed Management Commission Treasurer's Report**

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	A	B	C	L	M	T	U	V	W	X
1			2021 Budget	thru Aug 2021 / paid Sep 2021 75%	thru Sep 2021 / paid Oct 2021 83%	2021 Budget Expenses YTD	%age Budget Expended YTD	Extrapolated FY 2021	Extrapolated %age FY 2021	(Over) Under Budget
2	<b>EXPENSES</b>									
3	Administrative		95,000	7,524.13	8,681.44	76,309.57	80.33	130,816	138	(35,816)
4	Grant Writing		650			0.00	0.00	0	0	650
5	Website		2,000	521.30	21.45	900.75	45.04	1,544	77	456
6	Legal		2,000	77.50	46.50	860.25	43.01	1,475	74	525
7	Audit		5,000			6,000.00	120.00	6,000	120	(1,000)
8	Insurance		3,800			3,800.00	100.00	3,800	100	-
9	Miscellaneous/Contingency		1,000			0.00	0.00	0	0	1,000
10	Technical Support - HCEE		12,000			0.00	0.00	0	0	12,000
11	Floodplain Mapping		0			23,488.00		23,488		(23,488)
12	Project Review Technical (Job 300)		185,000	1,021.00	34,274.75	97,705.25	52.81	167,495	91	17,505
13	Other Technical (Jobs 100 & 200)		-	226.00	9,625.75	46,705.55		80,067		(80,067)
14	Project Reviews - Admin Support		12,000	3,603.19	2,169.22	19,253.44	160.45	33,006	275	(21,006)
15	WCA - Admin		-			340.60		584		(584)
16	Stream Monitoring USGS		24,000		21,562.00	21,562.00	89.84	36,963	154	(12,963)
17	Stream Monitoring TRPD		7,200			0.00	0.00	7,200	100	-
18	DO Longitudinal Survey		1,000			0.00	0.00	1,000	100	-
19	Rain Gauge		400	31.97	33.79	281.02	70.26	482	120	(82)
20	Lakes Monitoring - CAMP		760			0.00	0.00	0	0	760
21	Lakes Monitoring - TRPD					0.00		0		-
22	Sentinel Lakes		8,100			0.00	0.00	0	0	8,100
23	Additional Lake		2,500			0.00	0.00	0	0	2,500
24	Aquatic Vegetation Surveys		1,100			0.00	0.00	0	0	1,100
25	Wetland Monitoring (WHEP)		4,000			0.00	0.00	0	0	4,000
26	Education		2,500	86.90	28.70	1,139.11	45.56	1,953	78	547
27	WMWA General Activities		5,000			3,000.00	60.00	3,000	60	2,000
28	WMWA Implementation/Watershed Prep		6,500			1,000.00	15.38	1,000	15	5,500
29	Rain Garden Wkshops/Intensive BMPs/Special Projects		3,000			1,000.00	33.33	3,000	100	-
30	Education Grants		1,000			0.00	0.00	0	0	1,000
31	Macroinvertebrate Monitoring-River Watch		3,000			0.00	0.00	0	0	3,000
32	Projects ineligible for ad valorem		0	CIPs	CIPs	0.00		0		-
33	Studies / Project ID / SWA		0	529.48	72.11	1,664.76		2,854		(2,854)
34	Plan Amendment		2,000			641.66	32.08	1,100	55	900
35	Contribution to 4th Gen Plan		10,000			0.00	0.00	0	0	10,000

# Elm Creek Watershed Management Commission Treasurer's Report

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	A	B	C	L	M	T	U	V	W	X
36	Transfer to (from) Encumbered Funds (see below)					0.00		0		
37	Transfer to (from) Capital Projects (see CIP Tracking)		175,000		372.12	129,153.89		128,782	74	
38	Transfer to (from) Cash Sureties (see below)					1,003.00		1,003		
39	Transfer to (from) Grants (see below)		125,000			0.00			0	
40	To Fund Balance									
41	<b>TOTAL - Month</b>			13,621.47	76,887.83	435,808.85		636,611		
42	Accumulated Expenses 2021	blue highlighted = 2020 Expens	700,510.00	316,528.03	393,415.86	2021 Paid			0	
43										

**Elm Creek Watershed Management Commission Treasurer's Report**

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	A	B	C	L	M	T	U	V	W	X
44			2021 Budget	recd Aug 2021	recd Sept 2021	Revenue YTD	Received YTD	FY 2021		
45	<b>REVENUE</b>									
46	<i>From Fund Balance</i>									
47	Floodplain Modeling					0.00		48,693		
48	Project Review Fee		100,000	43,875.00	19,575.00	170,648.90	170.65	409,557		
49	Refund Project Fee					-1,021.50		(2,452)		
50	Water Monitoring - TRPD Co-op Agmt		5,500			0.00	0.00	5,500		
51	WCA Fees		0			0.00		-		
52	Reimbursement for WCA Expense					0.00		-		
53	WCA Escrow Earned					0.00		-		
54	Member Dues		237,300			237,300.00	100.00	237,300		
55	Interest/Dividends Earned		15,250	13.02	12.72	141.33	0.93	339		
56	<i>Transfer to (from) Capital Projects (see CIP Tracking)</i>		185,588			72,418.24	39.02	173,804		
57	<i>Transfer to (from) Cash Sureties (see below)</i>					0.00		-		
58	<i>Transfer to (from) Grants (see below)</i>		100,000			209,691.00				
59	Misc Income					0.00		-		
60	<b>Total - Month</b>			43,888.02	19,587.72	689,177.97		872,741.73		
61	<b>Accumulated Receipts 2021</b>	blue highlighted=2020 Revenue	643,638.00	615,270.73	634,858.45	2021 Received				
62										
63	<b>MONTHLY CASH SUMMARY</b>			Aug						
64		Balance Fwd		30,266.55						

Project Task Billing Detail  
Project: 227702779 - Elm Crk '21 Technical Services  
10/6/2021

Wenck/Stantec Professional Services  
Expenses Year to Date - Through September 24, 2021

Top Task	Task Number	Task Name	Expenditure Category	Budget	April	May	June	July	August	Sept	Oct	Nov	Dec	Billed To Date	% YTD Billed	Billable Budget Remaining	% Budget Available
100 - Prereviews and Inq	100	Prereviews and Inq	Budget	15,000	121.75	1,396.25	925.00	1,682.50	1,891.25	1,292.75	-	-	-	7,309.50	49%	7,690.50	51%
			Direct Labor	11,000	121.75	1,396.25	412.50	995.00	1,347.50	1,074.00				5,347.00			
			Subconsultants	4,000			512.50	687.50	543.75	218.75				1,962.50			
300 - Meetings - Meetings	300	Meetings	Budget	20,900	386.25	4,840.00	3,458.75	5,161.25	2,603.75	1,642.50	-	-	-	18,092.50	87%	2,807.50	13%
			Direct Labor	15,160	386.25	4,840.00	2,177.50	4,348.75	1,563.75	1,330.00				14,646.25			
			Subconsultants	5,740			1,281.25	812.50	1,040.00	312.50				3,446.25			
500 - Project Reviews	500	Project Reviews	Budget	92,444	858.75	8,032.25	5,467.00	4,599.00	16,538.25	17,736.50	-	-	-	52,856.75	57%	39,587.25	43%
	2020-002	Minnesota Health Village	Subconsultants					62.50						62.50			
	2017-050	Ernie Meyers Wetland	Subconsultants						187.50					187.50			
	2020-033	Weston Woods	Subconsultants							125.00				125.00			
	500.010	Gleason Field	Subconsultants				343.75			62.50				406.25			
	500.012	Oaks at Bauer	Direct Labor		858.75	1,757.75								2,616.50			
	500.012	Oaks at Bauer	Subconsultants				31.25							31.25			
	500.013	Rush Creek Reserve	Subconsultants				778.75	437.50						1,216.25			
	500.015	66th Ave/Gleason	Subconsultants				218.75	843.75						1,062.50			
	500.016	Territorial Lofts	Direct Labor			2,213.25	2,044.50							4,257.75			
	500.016	Territorial Lofts	Subconsultants					37.50						37.50			
	500.017	The Park Group Building	Direct Labor			1,777.50								1,777.50			
	500.018	Tavera Ph 1	Subconsultants					31.25						31.25			
	500.019	Kwik Trip	Subconsultants				968.75							968.75			
	500.020	Crew Carwash	Direct Labor			2,283.75	206.25	773.75						3,263.75			
	500.021	Territorial Triangle	Subconsultants				875.00	437.50	125.00					1,437.50			
	500.023	Maple Grove MOB	Direct Labor					1,725.25	1,567.50	1,231.50				4,524.25			
	500.023	Maple Grove MOB	Subconsultants						3,778.50	62.50				3,841.00			
	500.024	Riverwalk Dayton	Subconsultants					250.00	2,281.25					2,531.25			
	500.025	Hackamore Rd	Direct Labor							206.25				206.25			
	500.025	Hackamore Rd	Subconsultants							62.50				62.50			
	500.026	Prairie Cr Subd	Subconsultants						656.25	762.50				1,418.75			
	500.027	Xcel Station	Direct Labor						1,787.25	1,994.50				3,781.75			
	500.028	Cubes at French Lake	Subconsultants							781.25				781.25			
	500.029	Tricare Grocery	Direct Labor						1,041.25	1,295.00				2,336.25			
	500.030	Tricare Roads	Direct Labor						1,107.50	2,863.75				3,971.25			
	500.030	Tricare Roads	Subconsultants							93.75				93.75			
	500.031	Cook Lake Edgewater	Direct Labor							82.50				82.50			
	500.032	Dayton Park EAW	Subconsultants							156.25				156.25			
	500.033	Westin Commons	Direct Labor						1,652.25	1,299.75				2,952.00			
	500.034	BAPS Temple	Direct Labor						230.00	1,260.00				1,490.00			
	500.034	BAPS Temple	Subconsultants							37.50				37.50			



Project Task Billing Detail  
Project: 227702779 - Elm Crk '21 Technical Services  
10/6/2021

Wenck/Stantec Professional Services  
Expenses Year to Date - Through September 24, 2021

Top Task	Task Number	Task Name	Expenditure Category	Budget	April	May	June	July	August	Sept	Oct	Nov	Dec	Billed To Date	% YTD Billed	Billable Budget Remaining	% Budget Available
	500.035	Mister Carwash	Direct Labor						1,195.50	412.50				1,608.00			
	500.035	Mister Carwash	Subconsultants							62.50				62.50			
	500.037	Marsh Point	Direct Labor						41.25	2,799.00				2,840.25			
	500.037	Marsh Point	Subconsultants							62.50				62.50			
	500.039	I94 Logistics Center	Direct Labor						887.25	1,165.50				2,052.75			
	500.040	NAPA	Subconsultants							31.25				31.25			
	500.042	Risor Senior Living	Direct Labor							401.25				401.25			
	500.043	Northwood Community	Direct Labor							425.00				425.00			
														-			
														-			
														-			
600 - Other Services	600.000	Other Services	Budget	52,804	800.00	2,933.75	1,030.00	191.25	1,406.25	789.25	-	-	-	7,150.50	14%	45,653.50	86%
	400.000	Other Services DNU	Direct Labor	800	800.00									800.00		-	
	600.000	Other Services	Direct Labor	39,204		582.50	182.50	191.25	1,406.25	341.25				2,703.75	9%		
	600.000	Other Services	Subconsultants	8,000			187.50							187.50	2%		
	600.001	HUC-8 Review	Direct Labor	4,800		2,351.25	660.00			448.00				3,459.25	72%		
				181,148	2,166.75	17,202.25	10,880.75	11,634.00	22,439.50	21,461.00	-	-	-	85,409.25	47%	95,738.75	53%

Note: BTD - Billed to Date  
Note: Other Services DNU are services billed as task 400, which was subsequently rolled into task 600

# Elm Creek

## Watershed Management Commission

### Public Data Access Procedures

## YOUR RIGHT TO ACCESS GOVERNMENT DATA

The Minnesota Government Data Practices Act (MGDPA) gives you, and all members of the public, the right to see and have copies of all public data that government entities keep. The law also controls how government entities keep government data and what they tell you when you ask to see the data they have.

The law says that all the data that government entities have are public and can be seen by anyone for any reason unless there is a state or federal statute that classifies the data as *not public*.

You have the right to:

- know what types of data government entities keep and how the data are classified.
- know what the entity's procedures are for requesting government data.
- inspect any public data that government entities keep at no charge.
- see government data without telling the government entity who you are or why you want the data.
- obtain a copy of any public data the government entity keeps although the government entity also has the right to charge you the cost for providing copies.
- know why you cannot see or have copies of data that are not public. The government entity must tell you the specific state statute or federal law that makes the data not public. You have the right to have this stated in writing.
- have the entity respond to your request in a reasonable amount of time.

## A Brief Overview of the Minnesota Data Practices Act

Developed by the Department of Administration Information Policy Analysis Division

Data Practices Office 320 Centennial Office Building 658 Cedar St. Saint Paul, MN 55155

651-296-6733 [info.dpo@state.mn.us](mailto:info.dpo@state.mn.us)

The Minnesota Government Data Practices Act (MGDPA) regulates the handling of all government data that are created, collected, received, or released by a state entity, a political subdivision, or statewide system, no matter what form the data are in, or how the data are stored or used.

### Some of the things the MGDPA regulates:

- What information can be collected
- Who may see or have copies of the information
- The classification of specific types of government data
- The duties of government personnel in administering the provisions of the MGDPA
- Procedures for gaining access to the information
- Procedures for classifying the information as not public
- Civil penalties for violation of the Act

Almost all government data are either *data on individuals* or *data not on individuals*.

- Data on individuals are classified as public, private, or confidential.
- Data not on individuals are classified as public, nonpublic, or protected nonpublic.

The chart below shows how these classifications determine who may see or have copies of government data.

<b>DATA ON INDIVIDUALS</b> <i>MS 13.02, SUBDIVISION 7</i>	<b>MEANING OF CLASSIFICATION</b> <i>MS 13.10, SUBDIVISION 7</i>	<b>DATA NOT ON INDIVIDUALS</b> <i>MS 13.02, SUBDIVISION 4</i>
<b>Public</b> <i>MS 13.02, Subdivision 15</i>	Available to anyone for any reason <i>MS 13.02, Subdivision 14</i>	<b>Public</b> <i>MS 13.02, Subdivision 14</i>
<b>Private</b> <i>MS 13.02, Subdivision 12</i>	Available only to the data subject and to anyone authorized by the data subject or by the law to see it <i>MS 13.10, Subdivision 1B</i>	<b>Nonpublic</b> <i>MS 13.02, Subdivision 9</i>
<b>Confidential</b> <i>MS 13.02, Subdivision 3</i>	Not available to the public or to the data subject <i>MS 13.10, Subdivision 1A</i>	<b>Protected nonpublic</b> <i>MS 13.02, Subdivision 13</i>

## **Requesting Access to Data from the Elm Creek Watershed Management Commission (“Commission”)**

### **General Guidelines:**

- ✓ Any member of the public is allowed to view public information without charge.
- ✓ Public information can be accessed through the Commission website at [www.pioneersarahcreek.org](http://www.pioneersarahcreek.org).
- ✓ Non-electronic data may be viewed only at the Commission’s Administrative Office or the office of the Commission’s Technical Advisor, depending on the subject matter, during normal business hours.
- ✓ Viewing information does not include receiving copies of information.
- ✓ Any member of the public may obtain a copy of non-copyrighted public data upon request for a fee as indicated on the Commission’s current Fee Schedule.
- ✓ Commission staff will provide access to public data as soon as we reasonably can, however, the data may not be available immediately if time is required to locate, copy, and / or separate public from nonpublic data.
- ✓ The Commission is not required to provide data or forms of data that we do not keep.
- ✓ You are not required to identify yourself or explain your need for the data unless staff needs this information for a reasonable purpose such as sending you the information or clarifying the request.
- ✓ Upon request, Commission staff will explain the content and meaning of the data.
- ✓ If the Commission stores the data requested on computer, you may be asked for an email address so we may provide you with a copy of the data in electronic format. The Commission is not required to provide the data in a manner different from the format in which the data is stored. However, if staff agrees to do so, you will be charged for the cost of providing a copy.
- ✓ If the data you requested is determined not to be public, Commission staff will notify you as soon as reasonably possible and will tell you which law applies. If requested, this explanation can be provided to you in writing.

## For more Information

Contact the Data Practices Compliance Official for the Elm Creek Watershed Management Commission at:

Judie Anderson  
Elm Creek Watershed Management Commission  
3235 Fernbrook Lane  
Plymouth, MN 55447  
Phone: 763.553.1144  
Fax: 763.553.9326  
Email: [judie@jass.biz](mailto:judie@jass.biz)

Or,

Contact the State of Minnesota Administration Department at:

Information Policy Analysis Division  
Data Practices Office  
320 Centennial Office Building  
658 Cedar St. Saint Paul, MN 55155  
651-296-6733  
[info.dpo@state.mn.us](mailto:info.dpo@state.mn.us)

# elm creek

## Watershed Management Commission

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### STAFF REPORT October 4, 2021

- a. **2017-050W Ernie Mayers Wetland/floodplain violation, Corcoran.** The City of Corcoran contacted the Commission in December 2017 concerning drainage complaints on Mayers' property. Technical Evaluation Panels (TEPs) were held in 2017 and 2018 to assess the nature and extent of the violations and a restoration order was issued to Mayers. In October 2018, an appeal of the restoration order was received by the Board of Water and Soil Resources. BWSR placed an order of abeyance (stay) on the appeal looking for a resolution between the LGU and Mayers. On January 6, 2021, BWSR received an email from Corcoran that the LGU and Mayers were working towards resolving the restoration order. BWSR gave the parties until April 5, 2021 to seek an informal resolution or furnish a complete copy of the record to them. A TEP was held July 26, 2021 to discuss a draft settlement agreement between BWSR and Mayers. Per phone conversations with LGU staff in August, Mayers did not agree to the draft settlement proposal from BWSR. Because no resolution to the restoration order has been agreed to, the Mayers appeal for the restoration order will be heard by BWSR. Additional timelines and information will be provided to the Commission when available. *No new information has been received this month.*
- b. **2018-020 North 101 Storage, Rogers.** This is an existing 3-acre lot in the northwest corner of Highway 101 and CR144. The current land use is a combination of mini-storage units and outdoor storage. The site is proposed for complete demolition and construction of seven new mini-storage buildings. At their July meeting the Commission approved Staff findings dated July 9, 2018, pending four items relating to abstraction requirements and the infiltration system. The applicant requested and was granted an extension to *December 31, 2021*, provided the review process with the City of Rogers does not expire.
- c. **2021-012 The Oaks at Bauer Farm, Champlin.** This project was approved at the May 2021 meeting contingent that the applicant incorporates revisions from the city's engineering department and continues to demonstrate compliance with Commission rules. On July 22, 2021, Staff followed up with the City Engineer who indicated the design did not change in a way that would merit an additional review by the Commission. *This item will be removed from the report pending reconciliation of fee escrows.*
- d. **2021-015 66th Avenue/Gleason Parkway, Corcoran.** Reconstruction of 66th Avenue from a two-lane gravel road into a two-lane paved road with trails on both sides. Turn lanes will be added to CR 116 at the intersection with 66th Avenue. This corridor work between Gleason Parkway and CR 116 will increase accessibility between CR 101 and CR 116 into the Ravinia and future Tavera developments. *WCA information was received October 5, 2021 and meets the wetland conditions of the conditional approval. The only remaining item is reconciliation of the escrow balance. This project will be moved to the follow-up section of this report.*
- e. **2021-017 The Park Group Building, Rogers.** This is a 3.0-acre site on Northdale Boulevard, northwest of the intersection of MN Highway 101 and 141st Avenue North. The project would construct a new warehouse, access drive, loading docks, and a new parking on an undeveloped site. The project would disturb 2.79 acres and create 1.73 acres of new impervious surface. The project triggers Rules D and E. The

project was approved at the May 2021 meeting. The applicant subsequently revised the plans to include six additional parking spaces (approximately 1000 SF of additional impervious), which Staff administratively approved based on continued compliance with Rules D and E. *This item will be removed from the report pending reconciliation of fee escrows.*

**f. 2021-019 Kwik Trip, Dayton.** This project is located in the northeast corner of County Roads 81 and 113. The applicant is proposing to subdivide this 8.2-acre parcel into one, 2-acre lot, three outlots (4.3 acres) and a street (1.8 acres) entering from CR 81. An existing regional storm pond is on the east property line. The project will remove the existing store/gas station and its access roads, create the new access road, and construct the Kwik Trip station on the easterly most two acres of the site. Existing stormwater ponds will be utilized for stormwater management. This work will disturb 8.3 acres. The site design for the Kwik Trip project, the new street, and the future impervious areas for the proposed outlots meet the design criteria the regional pond was approved for by the Commission in project 2017-022. Erosion and sediment controls were administratively approved by technical staff. *This item will be removed from the report pending reconciliation of fee escrows.*

**g. 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. *The only remaining item is reconciliation of the escrow balance. This project will be moved to the follow-up section of this report.*

**h. 2021-021 Territorial Triangle, Dayton.** This site is in the easterly triangle Territorial Road and CR 81 intersection near the border of Dayton and Maple Grove. The applicant is proposing to subdivide the 14-acre parcel into 30 rowhome units and 56 townhome units. Two ponding basins are proposed for stormwater management. This work will disturb approximately 10 acres and create 5.7 acres of new impervious areas. The Commission approved Staff's recommendations cited in their findings dated July 22, 2021 contingent upon (a) final application escrow fee balance determination by the Commission administrator and (b) provision of a Stormwater Maintenance Agreement for the irrigation system that is acceptable to the city and the Commission within 90 days after the plat is recorded. *The only remaining item is reconciliation of the escrow balance. This project will be moved to the operations and maintenance section of this report.*

**i. 2021-022 Rogers High School Batting Cages and Trail Improvements, Rogers.** This project is for improvements to existing batting cages and replacement of an existing trail. The work will disturb 1.55 acres and create 0.09 acres of new impervious surface. Stormwater management is provided by the existing on-site infiltration basin in the northeast corner of the site. The project is being reviewed for Rules D and E. The project was reviewed for Rules D and E. The Commission approved this project at its August 2021 meeting. *Surfeit escrow is being returned to the applicant. This item will be removed from the report.*

**j. 2021-023 Maple Grove MOB, Maple Grove.** This project is for the construction of a Medical Office Building and associated parking on an undeveloped parcel. The site located on the southeastern corner of the intersection of 105th Avenue North and Niagara Lane, immediately north of the Highway 610 and Maple Grove Parkway interchange. The project is being reviewed for Rules D and E. *Staff recommends ap-*



*proval contingent upon reconciliation of the escrow balance and a stormwater maintenance agreement being put in place between the owner and the City with terms acceptable to the Commission.*

**k. 2021-024 Riverwalk, Dayton** This site is south of CR 12 (Dayton River Road) and west of River Hills Parkway approximately ¼ mile north of CR 144 (Diamond Lake Road). The applicant proposes to construct a new single family residential subdivision with 242 lots including one amenity lot and a city well site. Site development will include removal of an existing home site, grading 94 acres, and installation of municipal sewer and water, streets, and stormwater systems. *The Commission approved Staff's recommendations in their findings dated August 11, 2021, at their August 2021 meeting contingent upon four conditions. The escrow fees will be reconciled and this project will be moved to the operations and maintenance section of the Staff report*

**l. 2021-025 Hackamore Road Reconstruction, Corcoran/Medina.** The cities of Corcoran and Medina plan to reconstruct 1.3 miles of Hackamore Road from just west of CR 116 to CR 101. The project will add 4.4 acres of new impervious surface along the stretch of roadway by widening the roadway, adding turn lanes, pedestrian facilities, and utility improvements. To meet the Commission's stormwater requirements, the project will largely rely on adjacent developments (both existing and proposed) to incorporate BMPs to provide rate control, volume control, and water quality control. *Findings dated August 28, 2021 and signed October 5, 2021 are included in the meeting packet. Staff reviewed the early coordination application and provided comments to the applicants. Staff will present an overview of the project approach at the Commission meeting, with recommended steps for future approval.*

**m. 2021-026 Prairie Creek, Medina.** This proposed development will consist of a new 17 lot single-family development encompassing approximately 6.72 acres located on Hamel Road at Elm Creek Drive. There will also be a new private street, concrete walks, and utilities. *This project was approved by the Commission at their September meeting conditioned upon, (a) determination of the final escrow fee balance when all conditions for approval are met and (b) wetland buffer monumentation meeting the Commission's requirements.*

**n. 2021-027 Xcel Energy Elm Creek Substation, Maple Grove.** Xcel Energy is proposing to expand an existing electrical substation between Maple Grove Parkway and Fernbrook Lane, near the Highway 610 expansion. The expansion will occur within the existing 17.09-acre parcel. The project is being reviewed for Rules D and E. *Staff recommends approval contingent upon receipt of any outstanding project review fees and a stormwater maintenance agreement being put in place between the owner and the City with terms acceptable to the Commission.*

**o. 2021-028 Cubes at French Lake, Dayton.** This is four parcels totaling 71.62 acres located south of 117th Avenue and north of the intersection of 113th Ave. and CSAH 81. The project includes construction of a 996,960 SF industrial building with its associated parking and utility improvements. In addition, the project includes the construction of Dayton Parkway from CSAH 81 to 117th Avenue North. Initial review information was provided to the City and Applicant on August 23. *Responses to Staff comments were provided September 22. Updated findings were resubmitted October 1, without a recommendation to the Commission. Wetland permitting is ongoing. New submittals arrived late October 6 but will not be reviewed in time for the Commission meeting. The decision deadline for this project was extended to November 18, 2021. No action on the part of the Commission is necessary at this time.*

**p. 2021-029 TriCare Grocery, Maple Grove.** The project will construct a grocery, retail, and associated parking spaces on approximately 2.5 acres of the 62.7-acre TriCare parcel, which is located just north of County Road 30 and southwest of Interstate 94. The project is being reviewed for Rules D and E.

Staff issued a denial in 2016 when the regional stormwater BMP project was constructed. Staff are working with the project's engineer to assess the performance of the existing BMP before making a recommendation to the Commission.

**q. 2021-030 TriCare Roads, Maple Grove.** The project proposed to construct roads in the 62.7-acre TriCare parcel, which is located just north of County Road 30 and southwest of I-94. The roads will result in 3.8-acres of net new impervious in the parcel. The project will be reviewed for Rules D, E, G, and I. No recommendation is available for the Commission at this time. The applicant is working on revisions requested by Staff.

**r. 2021-031 Cook Lake Edgewater, Corcoran/Maple Grove.** The application is for a 28.4-acre development just north of Bass Lake Road, on both sides of the Corcoran-Maple Grove municipal boundary. The development includes 60 single family homes in Maple Grove, 12 single family homes in Corcoran, and senior care and memory centers in Corcoran. The project will be reviewed for Rules D, E, G, and I. Staff completed their review and recommends approval contingent on items listed in the staff review. The applicant is seeking permission to begin grading prior to the meeting, if certain items identified in the Staff review memo are met prior to the Commission meeting and meet Commission requirements, Staff may recommend approval for grading and erosion control.

**s. 2021-032 Dayton Park Industrial Center, Dayton.** The Dayton Park Industrial Center will include up to 600,000 SF of industrial floor space and 300 vehicle parking areas on 50.8 acres in southwest Dayton. The review is of an Environmental Assessment Worksheet. Included in this month's packet are written comments to the City as this project relates to the Commission's rules and standards and the DNR shoreland rules. Informational item only, no action required by the Commission.

**t. 2021-033 Weston Commons, Maple Grove.** The project includes construction of 72 new single-family homes on a 10.9-acre site located south of County Road 81 and north of 105th Avenue. The existing property is a single family home. The project is being reviewed for Rules D, E, G, and I. Staff recommends approval contingent upon reconciliation of the escrow balance .

**u. 2021-034 BAPS Temple, Medina.** This project includes construction of a Hindu Temple, dining hall, gymnasium, parking lot and one permanent residency for the temple's priest on a 19.7-acre parcel at 1400 Hamel Road. The parcel currently serves as a farmstead with a farmhouse and barns. The project is being reviewed for Rules D, E, G, and I. The City of Medina has recommended that the Commission cease reviewing the project because it is undergoing significant design revisions. Staff recommends approval contingent upon (1) receipt of any outstanding project review fees, (2) a stormwater maintenance agreement being put in place between the owner and the City with terms acceptable to the Commission, and a (3) geotechnical report being provided to the Commission demonstrating that the onsite soils are not conducive to infiltration and/or that groundwater is too high for infiltration.

**v. 2021-035 Mister Carwash, Rogers.** The project includes redevelopment of an existing, vacant restaurant building, parking lot, and drive-through into a new carwash facility at 21421 South Diamond Lake Road. The redevelopment is anticipated to decrease the impervious area by approximately 0.3 acres at the project site and add an underground filtration basin with underdrain. The project was reviewed for Rules D and E. Technical staff administratively approved the project because of the net decrease of impervious and construction of a stormwater BMP. This project will be removed from the report pending reconciliation of review fees.

**w. 2021-036 D&D Service, Corcoran.** The D&D Service 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 dated October 6, 2021 are included in the meeting packet. A complete application was received and Staff have completed their review. Staff are recommending contingent approval based on conditions identified in their findings. The applicant has requested permission to begin grading, Staff received and reviewed revised information on October 5, 2021 and determined it meets Commission standards.

**x. 2021-037 Marsh Point, Medina:** The Marsh Point project (also called the Arrowhead Drive project) includes construction of 38 single-family homes on the east side of Arrowhead Drive, west of Lake Medina. The development will replace four existing homes. The project is being reviewed for Rules D, E, G, and I. No recommendation is available for the Commission at this time. The applicant is working on revisions requested by Staff and has indicated that comments made by the City may necessitate an entire site redesign.

**y. 2021-038 Bellwether 6th/Amberly, Corcoran:** The Bellwether 6th Addition and Amberly 1st Addition are adjacent developments in the city of Corcoran. Bellwether is a 140-acre site just west of County Road 101 and south of Stieg Road proposed for single-family homes. Bellwether was previously reviewed as the Encore site (Commission review #2018-032). Amberly, also known as the Van Blaricom development, is a 73-acre development immediately to the west of the Bellwether development. The project is being reviewed for Rules D, E, F, G, and I. The applicant is working on revisions requested by Staff and no recommendation is available for the Commission at this time.

**z. 2021-039 I94 Logistics Center, Rogers.** This is a 30.90-acre site located between Interstate 94 on the west and County Road 13 (Brockton Lane N) on the east. A proposed warehouse, parking lot, and loading dock will create 12.5 acres of new impervious on the site, which is currently undeveloped. Approximately 12.25 acres of the parcel is in a conservation easement to protect woodlands and wetlands and cannot be developed. The project is being reviewed for triggers Rules D, E, G, and I. Staff recommends approval contingent upon receipt of any outstanding project review fees and a stormwater maintenance agreement being put in place between the owner and the City with terms acceptable to the Commission.

**aa. 2021-040 NAPA Auto Store, Corcoran.** This is located at the NW intersection of CR 116 and 75th Avenue, on the old Liquor Store parcel. The applicant proposes to demolish the current building and its adjoining parking areas and construction of a 12,800 SF NAPA Auto building, parking lot and associated utilities. An extra 3,600 feet of building area is proposed for future expansion and included within the stormwater management design for this site. Findings and a recommendation to approve with conditions are in this month's packet.

**ab. 2021-041 Carlson Ridge, Plymouth.** This is an existing 4.82-acre residential lot located between Vagabond and Troy Lanes just north of 56th Avenue North. The property will be subdivided into 13 single-family lots. The existing residence will remain, but portions of the driveway and an outbuilding will be demolished. Findings and a recommendation to approve with conditions are in this month's packet.

**ac. 2021-042 Risor Senior Living, Maple Grove.** This a 3.19-acre project site for construction of senior living located within approved ECWMC Project Review #2020-002 of the Planned Unit Development (PUD) Project 100. The project is being reviewed for Rule E. Because the project proposes 72% impervious on a site

*that was assumed to have 80% impervious and the project follows best practices and Commission rules regarding erosion and sediment control, technical staff have administratively approved the project.*

**ad. 2021-043 Northwood Community Church, Maple Grove.** *The existing project site is owned by Northwoods Community Church and functions as church offices. The proposed project is for demolition of these office buildings and construction of a church on the 10.56-acre parcel. The project is being reviewed for Rules D, E, G, and I. The applicant has not paid all review fees and Staff have not completed a review. No recommendation is available to the Commission at this time.*

**ae. 2021-044 Balsam II Apartments, Dayton.** *This is a vacant 2.5 acre lot with an existing regional stormwater basin along its easterly property line. It is located on the east side of Balsam Lane approximately 600 feet north of S. Diamond Lake Road and 600 feet south of CR12. The applicant proposes to construct an apartment building with its associated infrastructure. They also propose to expand the regional pond on east side of the site and add an infiltration basin in the parking area for volume management. This plan set was received too late to review before the Commissions meeting. Findings with a recommendation should be available at the November meeting.*

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

**ah. 2014-015 Rogers Drive Extension, Rogers.** This project involves improvements along Rogers Drive from Vevea Lane to Brockton Lane. The project is located east of I-94, south of the Cabela development. The total project area is 8.0 acres; proposed impervious surfaces total 5.6 acres. Site plans received July 1, 2014 met the requirements of the Commission with the exception of the nutrient control. The Commission approved the site plan contingent upon the City deferring 4.6 lbs. of phosphorus for treatment in future ponding opportunities as the easterly corridor of Rogers Drive develops. 2.3 lbs. will be accounted for in the Kinghorn Spec. Building site plan, with 2.3 lbs. still outstanding. This item will remain on the report until the total deferral is accounted for.

**ai. 2015-030 Kiddiegarten Child Care Center, Maple Grove.** Approved December 9, 2015. If the City does not take over the operation and maintenance of the underground system and the sump catch basins, an O&M agreement for the underground trench/pond system must be approved by the Commission and the City and recorded with the title. On February 5, 2019 Derek Asche contacted the owner requesting a copy of the recorded maintenance agreement. No update was available on July 2, 2019.

**aj. 2016-005W Ravinia Wetland Replacement Plan, Corcoran.** In December 2016, the Commission approved Staff's recommendations on this wetland replacement plan. Final wetland impacts are 1.22 acres. Wetland credits created on site will be 4.01 acres. Excess credits of 0.75 acres are proposed to be used on Lennar's Laurel Creek development in Rogers (2017-014). All approval contingencies have been met and construction is completed. Vegetation planting and management took place throughout 2017. Barr Engineering is providing monitoring to ensure the replacement meets the performance standards of the approved plans. Annual reports have been submitted to the US Army Corps of Engineers (USACE) in February 2019, February 2020, and March 2021. *Monitoring status 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.*

**ak. 2017-014 Laurel Creek, Rogers.** In June 2017, the Commission approved this project with four conditions. All contingency items have been provided with the exception of the O&M agreement which is being negotiated by the City as to whether the City or the HOA will be responsible for the operation and maintenance of the stormwater management facility. On August 31, 2017, Andrew Simmons responded that the O&M agreement is still being negotiated.

**al. 2017-029 Brayburn Trails, Dayton.** At their August 2017 meeting the Commission approved Staff's findings dated August 2, 2017 with five conditions. All of the conditions have been met except for the final recordings of the O&M

agreements and easements. On March 7, 2018, the City reported: final plat approval has not been granted, easements will be recorded as plats are approved. Ponds will be maintained by the City of Dayton. An agreement, and additional easement, will be required for a water re-use system within one of the ponds (between the City and HOA). This system is not part of the first addition – the timing of said improvements/agreement is unknown. Construction had been expected to start in 2018.

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

On March 4, 2021 Nico Cantarero reported that Brayburn Trails is continuing to construct homes. The development is through their 6th addition with approximately 2/3 of the development final platted. 117th Avenue improvements have been constructed and the development continues to build infrastructure and homes.

**am. 2018-046 Graco Expansion, Rogers.** This project is the expansion of an existing building. The site is located in an area that has regional ponding provided for rate control purposes, but needs to account for water quality and abstraction requirements on site prior to discharging offsite as part of the improvements. The Commission granted conditional approval at their October 2018 meeting. Conditions of approval were to (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 such time as the water quality deficit has been made up.

**an. 2018-048 Faithbrook Church, Phase 2, Dayton.** This is an application for review of an expansion of an existing church located northeast of the intersection of Fernbrook Lane and Elm Creek Road. The Commission approved this project at their November 2018 meeting conditioned upon receipt of a SWPPP meeting NPDES requirements and the City accepting maintenance responsibility or recording a modified O&M plan for the stormwater features on the site in a form acceptable to the Commission. On February 7, 2019, Jason Quisberg reported that this project has gone idle; it is believed to be due to funding needs of the applicant. It was expected activity would resume in Spring 2019. On March 4, 2021 Nico Cantarero reported that the outlet to the church has been constructed. The church still has plans for a Phase 2 expansion, but it has not been initiated to date.

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

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

**aq. 2019-026 Interstate Power Systems, Rogers.** This is a 10-acre site to construct a 1-acre building for a mechanical shop and 6 acres of parking and driveways along County Road 81. It triggered review of Rule D, E, G, and I. This item was approved by the Commission at their November 2019 meeting, contingent upon documentation of existing conditions pollutant loading and a recorded O&M plan for onsite BMPs. The applicant provided the pollutant loading data in November 2019. Commission is still waiting on the O&M plan as of April 2021.

**ar 2019-027 Havenwood at Maple Grove.** This is a 5.6-acre site located at the northwest intersection of Bass Lake



Road (CR10) and Troy Lane (CR101). The site is proposed to be subdivided into two lots. The southerly lot will be 4.5-acres with a 150-unit senior living facility. The remaining outlot (~1.3 acres) is anticipated to be a daycare facility. In their findings dated October 17, 2019, Staff recommended approval contingent upon the irrigation pond and system having an operation and maintenance plan approved by the City and Commission and recorded on the title for this property. A copy of the recorded document must be provided to the Commission.

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

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

**au. 2020-008 Lone Gardens, Dayton.** This project is located at the northwest intersection of CSAH 144 (Diamond Lake North) and 12 (Dayton River Road). The site consists of three agricultural properties totaling 48.29 acres. 112 new single-family residential lots creating 16.84 acres of new impervious surface area are proposed for this development. The Commission's review was for compliance with Rules D, E, G, and I. At their October 2020 meeting the Commission approved Phase I grading on the north 14-acre area conditioned that: a) the applicant accepts any and all risks for any changes required to obtain final approval by the Commission and b) that the City of Dayton grants approvals for said grading, and to deny the remainder of the application unless the applicant extends the review deadline beyond the current October 21, 2020 deadline. The applicant extended the deadline to November 30, 2020. Updated site plans received November 16, 2020 met the contingencies of the Commission approval with the exception of the post development infiltration basin percolation test requirements. At their December meeting the Commission approved the updated plans contingent upon post-development percolation tests being provided on infiltration basins to demonstrate the constructed infiltration rate meets or exceeds the design infiltration rates.

On March 4, 2021 Nico Cantarero reported that Lone Gardens constructed their 1st addition of approximately 30 homes along the northern portion of the site. The developer has indicated plans to grade the remainder of the site and construct the 2nd addition of the development in 2021 which would include the second access to the site onto North Diamond Lake Road.

**av. 2020-009 Stetler Barn, Medina.** This site disturbs approximately 3.5 acres and must meet Commission Rules D, E, and I. Because of the limited available space for pasture, paddocks and land application of manure, understanding how these components will be managed is also an important part of the review. A complete plan was received on April 22, 2020. At their May 13, 2020 meeting the Commission approved this project contingent upon: 1) The landowner continuing to work with the U of M Extension Office and Hennepin County Rural Conservationist to finalize composting, pasture and paddock management plans and 2) A long-term pond/basin operation and maintenance plan and agreement with the City of Medina being approved by the City of Medina and the Commission. The agreement must be recorded on the land title with a copy of the recorded agreement provided to the Commission.

**aw. 2020-017 Meadow View Townhomes, Medina.** This is a 22-acre site located south of Meander Road and north of Highway 55. Lennar Homes is proposing to build 125 townhomes with their necessary infrastructure on this site. A complete application was received May 29, 2020. The plans call for 7.64 acres of new impervious areas. The Commission's review was for conformance to Rules D, E, F, G, and I. At their October meeting, the Commission approved Staff's finding dated September 30, 2020, contingent upon (1) The mean (average) depth on the west wet detention pond must be 4.0' or deeper; (2) Buffer strip monumentation and vegetation maintenance plans must

conform to the Commission's requirements; (3) An operation and maintenance agreement of the stormwater ponds and irrigation system must be approved by the City and the Commission. The agreement must be recorded on the property title with a copy of the recorded document provided to the Commission; and (4) Erosion and sediment controls must conform to Commission requirements. Since the approval, the City of Medina has requested the applicant provide abstraction by irrigation only, thus eliminating one filter basin. Staff reviewed the changes and found the updates to be in compliance with the Commission's original approvals for stormwater management and administratively approved the plans contingent upon item (3) above and added the condition that design information on the irrigation pump and augmentation water source must be provided within six months of this approval.

**ax. 2020-023 Ziegler, Dayton.** This is an existing 4.73-acre commercial parcel located on Territorial Road near Holly Lane close to the Maple Grove/Dayton border. Currently the property consists of a building with bituminous drive and parking areas and a large gravel storage yard. The applicant is proposing to utilize the existing building, construct an additional commercial building, expand the bituminous parking lot, and add gravel lots for merchandise display and storage, triggering Commission rules D, E, G, and I. The Commission approved this project at their August 2020 meeting contingent upon wetland permitting being obtained and an Operation & Maintenance agreement being recorded on the land title. The wetland permit has been approved, but the O&M plan has yet to be received. On March 4, 2021, Nico Cantarero reported that Ziegler plans to construct their site improvements in 2021.

**ay. 2020-025 Paulsen Farms, Corcoran.** This is an 88-acre parcel located south of CR30 and east of Bechtold Road. Twenty (20) single family rural residential lots with 5.2 acres of new impervious areas are proposed on this site. This project triggered Rules D, E, and I. At their October 2020 meeting the Commission approved Staff's findings dated September 23, 2020 contingent upon: (1) rate control at culvert #3 must be equal to or less than pre-development rates for all storm events; (2) buffer strip monumentation conforms to the Commission's requirements; and (3) an operation and maintenance agreement must be created and approved by the City and the Commission. Said agreement must be recorded on the property title with a copy of the recorded document provided to the Commission. This project has been put on hold by the applicant. They have been informed that the approval expires October 14, 2021. *On July 21, 2021, Kevin Mattson responded, no updates.*

**az. 2020-027 Kariniemi Addition, Corcoran.** This is a 12.7-acre parcel located on Lot 3, Block 1 of the Rolling Hills Acres subdivision (ECWMC Project 2019-030) about a mile north of Highway. 55 on the east side of Rolling Hills Road. The applicant proposes to create three lots with a shared driveway for access along the northerly portion of the property. Project work will disturb 2.6 acres and create 0.83 acres of new impervious areas. This project was approved by the Commission at their September 2020 meeting pending receipt of O & M plans. *The O&M Agreement was received in the Administrative Office on July 21, 2021. This item will be removed from the report.*

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

**bb. 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: a) Wetland replacement plans must be approved by the City of Medina (LGU), MN DNR and USACE prior to impacts, b) Provide quantification of the change in flood storage capacity for the one-percent annual chance flood event due to the proposed project, c) 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, d) 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.

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

**bd. 2021-007 Birchwood 2nd Addition, Rogers.** This project is east of CR13 (Brockton Lane) approximately 1/2 mile south of the intersection of CR 144 (141st Avenue North) and CR13. The applicant is proposing to develop the site into 30 single-family residential lots. The site drains south and east into Grass Lake. This work will disturb 10 acres and create 4.0 acres of new impervious area. At their April 2021 meeting the Commission approved this project contingent upon the final SWPPP being submitted prior to grading and receipt of any outstanding project review fees.

**be. 2021-013 Rush Creek Reserve, Corcoran.** This is a 91-acre site located along the north side of CR10, across from the Corcoran Community Park. The applicant is proposing to create a residential sub-division including 66 townhomes and 177 single-family units with 24.2 acres of new impervious area. The existing area is agricultural with 58 acres of cropland and 33 acres of wetlands/wooded areas. In their findings dated June 12, 2012, and updated July 14, 2021, Staff recommends approval with the following conditions (1) payment of all review fees; (2) City of Corcoran/TEP approval of the Wetland Mitigation Plan and the City maintains a drainage and utility easement for existing and proposed on-site wetlands; and (3) the applicant's provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission within 90 days after the plat is recorded. The project was approved at the July meeting with these contingencies. *The City has confirmed that items 2 and 3 have been addressed and provided the documents to the Commission on September 1, 2021. This project will be removed from the report pending escrow review.*

**bf. 2021-016 Territorial Lofts, Rogers.** This is a 5.39-acre site on Territorial Road, adjacent to the Laurel Creek development. The project would construct a 75-unit apartment building, underground parking, a detached garage, maintenance facilities, and access road, creating 2.397 acres of total impervious (1.86 acres of which is net new impervious) and disturbing 5.2 acres. The existing site is two single-family residential homes. The site proposes to use stormwater reuse with an irrigation system to meet abstraction requirements, due to low infiltration capacity soils. The project was reviewed for Rules D, E, G, and I. *The project was approved by the Commission at its July 2021 meeting contingent upon receipt of outstanding project review fees and a stormwater maintenance agreement being put in place between the owner and the city with terms acceptable to the Commission.*

### **THIRD PARTY HUC-8 MODEL REVIEW**

A MNDNR Flood Risk Review Meeting has not been scheduled. Stantec has drafted a response on behalf of the watershed and its member cities.



## Maple Grove MOB

### Maple Grove #2021-023

#### Project Overview:

*Location:* Maple Grove, MN on the southeast corner of 105<sup>th</sup> Avenue North and Niagara Lane, just north of Highway 610

*Purpose:* Construction of a Medical Office Building (MOB)

*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

<p><b><u>Applicant:</u></b> Davis</p> <p><i>Address:</i> 33 South 6<sup>th</sup> Street, Suite 4650 Minneapolis, MN 55402</p> <p>Loucks</p>	<p><i>Attention:</i> Mark Davis</p> <p><i>Phone:</i> 612-341-3242</p> <p><i>Email:</i> <a href="mailto:mdavis@davishre.com">mdavis@davishre.com</a></p>
<p><b><u>Agent:</u></b></p> <p><i>Address:</i> 7200 Hemlock Lane, Suite 300</p>	<p><i>Attention:</i> PJ Disch</p> <p><i>Phone:</i> 763-300-3596</p> <p><i>Email:</i> <a href="mailto:pdisch@loucksinc.com">pdisch@loucksinc.com</a></p>

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	July 7, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	July 7, 2021
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	July 6, 2021
	<input checked="" type="checkbox"/> Review fee: \$3,375	July 7, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, modes, etc.)	July 7, 2021

#### Submittals

1. Stormwater Management Plan, prepared by Loucks dated May 10, 2021 (revised on July 29, 2021, September 2, 2021, and September 15, 2021)
  - a. Stormwater Management Analysis and Results
  - b. HydroCAD Modeling report for existing and proposed conditions
  - c. Existing and proposed drainage maps
  - d. MIDS Water Quality Model (dated May 6, 2021 provided in initial application and July 29, 2021 resubmittal )
  - e. P8 Water Quality Model (September 2, 2021 and September 15, 2021)

2. Geotechnical Exploration and Engineering Review Maple Grove Medical Center dated July 13, 2021 (submitted July 30, 2021)
3. Site Construction Plans, prepared by Loucks dated July 2, 2021 (revised July 29, 2021, August 25, 2021, and September 16, 2021).
4. Site HydroCAD Model, prepared by Loucks submitted August 26, 2021

## Findings

### General

1. A complete application was received July 7, 2021. The initial 60-day decision period per MN Statute 15.99 expired September 5, 2021. On September 1, 2021 the initial 60-day decision period was extended an additional 60-days to November 4, 2021.
2. The existing site is an undeveloped parcel located on the southeastern corner of the intersection of 105<sup>th</sup> Avenue North and Niagara Lane, immediately north of the Highway 610 and Maple Grove Parkway interchange.
3. The proposed Maple Grove- MOB includes construction of a new medical office building and associated surface parking.
4. The development will disturb 5.2 acres and create 2.973 acres of impervious area, all of which is net new impervious. Existing and proposed conditions HydroCAD models were created to model rate control.
5. A single iron-enhanced sand filter and biofiltration basin with underdrain in the southwest corner of the site will be constructed and will be used to meet the Commission's rate control, volume control, and water quality criteria.
6. Because soil borings indicate lean clay with sand and some sandy lean clay as underlying soils at the site, infiltration is not feasible.
7. All portions of the site ultimately discharge to Elm Creek just upstream (south) of its crossing with Highway 610.
8. Technical staff provided administrative approval of grading on August 6, 2021 contingent that the applicant accept all risks for any changes required to receive final approval by the ECWMC and also receives city approval for grading.
9. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.
10. The Hennepin County Wetland Inventory indicated potential and probably wetlands at the site. The site was used by MNDOT for the construction of Highway 610. The city (LGU) confirmed there are currently no wetlands on the site.

### Rule D – Stormwater Management (plans)

#### General

1. The project will disturb 5.2-acres of an 8.13-acre parcel. The northern portion of the parcel will remain undeveloped. The medical office building and parking will create 2.973-acres of impervious area, all of which is net new impervious.
2. Soil borings show the underlying soils on the site are predominantly Hydrologic Soil Group Type D (very low infiltration capacity).
3. Because the underlying soils are very low infiltration capacity, biofiltration with iron filings will be used to meet the Commission's volume control requirements.

### Low Floor Elevations

1. Low floor elevations **meet** the Commission standards.
2. The low floor of the proposed structure is 926.0-feet and the 100-year flood elevation in the stormwater basin is 921.5 feet, which is more than 2.0 feet below the low floor elevation.

### Rate Controls

1. Rate control measures **meet** Commission standards.
2. Most of the existing site primarily discharges to the northeast toward Maple Grove Parkway, while a small fraction near the Niagara Lane right-of-way drains west onto Niagara Lane. Drainage in the direction of Niagara Lane is conveyed by city storm sewer to the south, discharged to a ditch that flows east and then north along Highway 610 where it rejoins runoff from the rest of the project site.
  - a. Runoff directed to Niagara Lane flows south into a ditch along the north side of Highway 610 where it joins a wetland complex before flowing southeast along County Road 81 and joining Elm Creek.
  - b. Runoff directed to the east flows beneath Maple Grove Parkway North into a regional basin before discharging to the same wetland complex as the Niagara Lane site. This wetland complex is located approximately 1,400-feet east of the site.
  - c. Runoff from the two directions as well as the ultimate direction are shown on Figures 1-3 below.
3. City staff have indicated that the localized runoff increase to the west onto Niagara Lane is acceptable as there is a net decrease in stormwater runoff rates to downstream city infrastructure.
4. Rate control for the site was provided by a biofiltration basin in the southwest corner of the site.
5. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized in Table 1.

**Table 1 Rate of Discharge Leaving Site**

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
<b>East</b> <i>toward Maple Grove Parkway</i>	Pre-Project	8.9	16.3	33.1
	Proposed	1.2	2.3	4.9
	<b>Change</b>	<b>-7.7</b>	<b>-14.0</b>	<b>-28.2</b>
<b>West/ Northwest</b> <i>toward Niagara Lane</i>	Pre-Project	0.9	1.7	3.5
	Proposed	3.6	12.4	17.6
	<b>Change</b>	<b>+2.7</b>	<b>+10.7</b>	<b>+14.1</b>
<b>Total</b>	Pre-Project	9.8	18.0	36.6
	Proposed	3.9	14.3	21.9
	<b>Change</b>	<b>-5.9</b>	<b>-3.7</b>	<b>-14.7</b>

### Abstraction Controls

1. Abstraction controls **meet** Commission requirements.
2. New impervious areas will be 2.973-acres requiring abstraction of 11,871 cubic feet.
3. Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils.
4. The applicant is providing 12, 380 cubic feet of abstraction using a biofiltration basin with iron filings and underdrain.

Drawdown is completed within 45 hours, meeting the requirement for drawdown in 48 hours.

### Water Quality

1. The applicant provided P8 modeling to demonstrate the site **meets** Commission standards.
2. The applicant is using an iron-enhanced sand filter to provide removal of the dissolved phosphorus fraction.

**Table 2 Water Quality Summary<sup>1</sup>**

	<b>Annual Runoff Vol. (ac-ft)</b>	<b>Abstraction Vol. (cubic feet)<sup>2</sup></b>	<b>TP (lbs/year)</b>	<b>TSS (lbs/year)</b>
Pre-Project	21.9	N/A	1.0	128.2
Proposed (w/o BMP's)	78.8	N/A	6.8	2038.3
Proposed (w/ BMP's)	78.8	12,380	0.8	90.6
<b>Change</b>	<b>+56.9</b>	<b>+12,380</b>	<b>-0.2</b>	<b>-37.6</b>

<sup>1</sup> Based on Water Quality model completed by ECWMC Technical Staff

### Operation and Maintenance

The applicant will need to enter a stormwater maintenance agreement with the City of Maple Grove. The city's template stormwater maintenance agreement satisfies the requirements of the Commission.

### Rule E – Erosion and Sediment Control (plans)

1. Plans **meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
  - a. Rock construction entrance at both locations
  - b. Silt fence around project extents and the pond
  - c. Catch basin inlet protection
  - d. Stabilization of disturbed soil areas with erosion control blanket

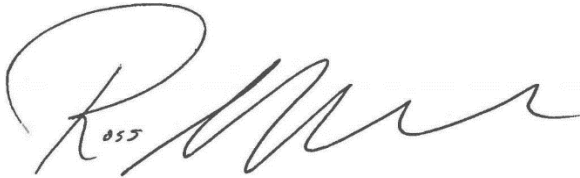
### Recommendation

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 a complete stormwater operation and maintenance agreement between the applicant and the City of Maple Grove for all stormwater facilities on the project site.

On Behalf of Wenck (now part of Stantec Consultants, Inc.)  
Advisor to the Commission

A handwritten signature in black ink, appearing to read 'R. Mullen', with a large, stylized 'R' and 'M'.

9/21/2021  
Date

Ross Mullen

### Attachments

- |          |  |
|----------|--|
| Figure 1 | Project Location                                   |
| Figure 2 | Pre-Project Drainage Map                           |
| Figure 3 | Proposed Drainage Plan                             |
| Figure 4 | Annotated Erosion and Sediment Controls            |
| Figure 5 | Screen Shot from Hennepin County Wetland Inventory |

Figure 1 Project Location

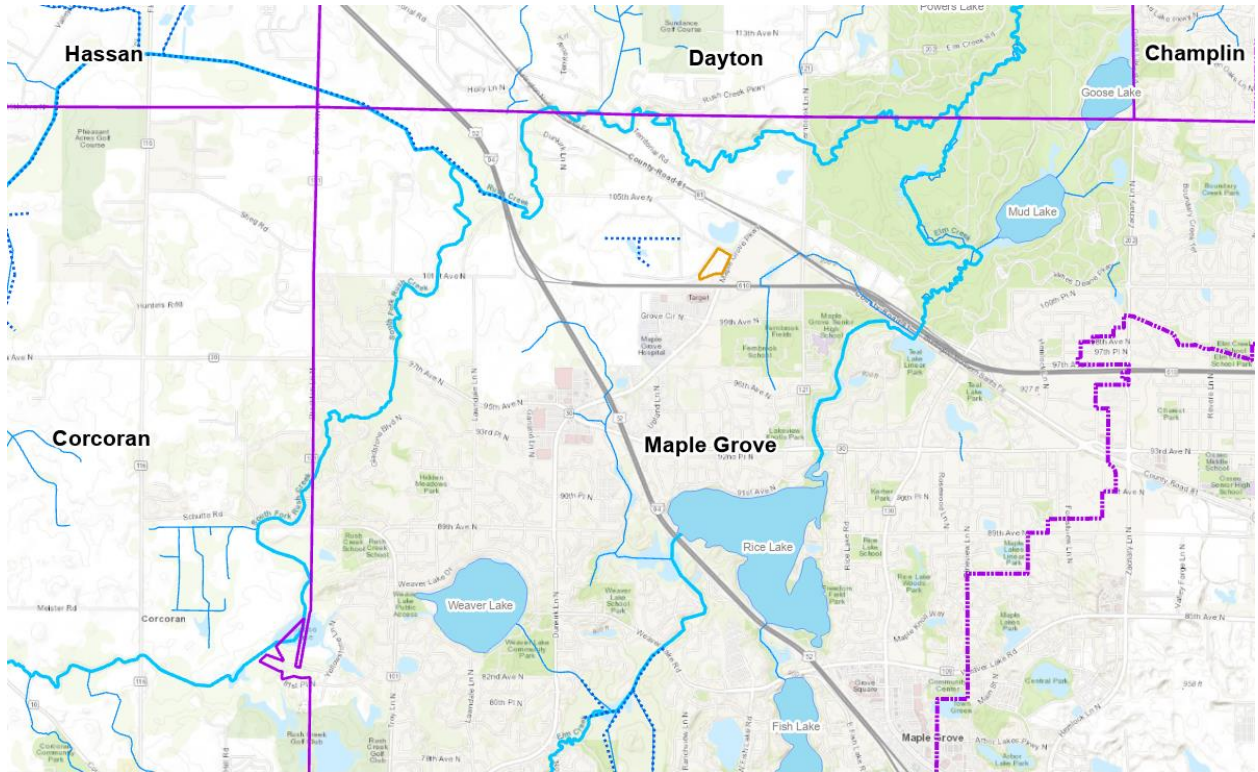


Figure 2 Pre-Project Drainage Map

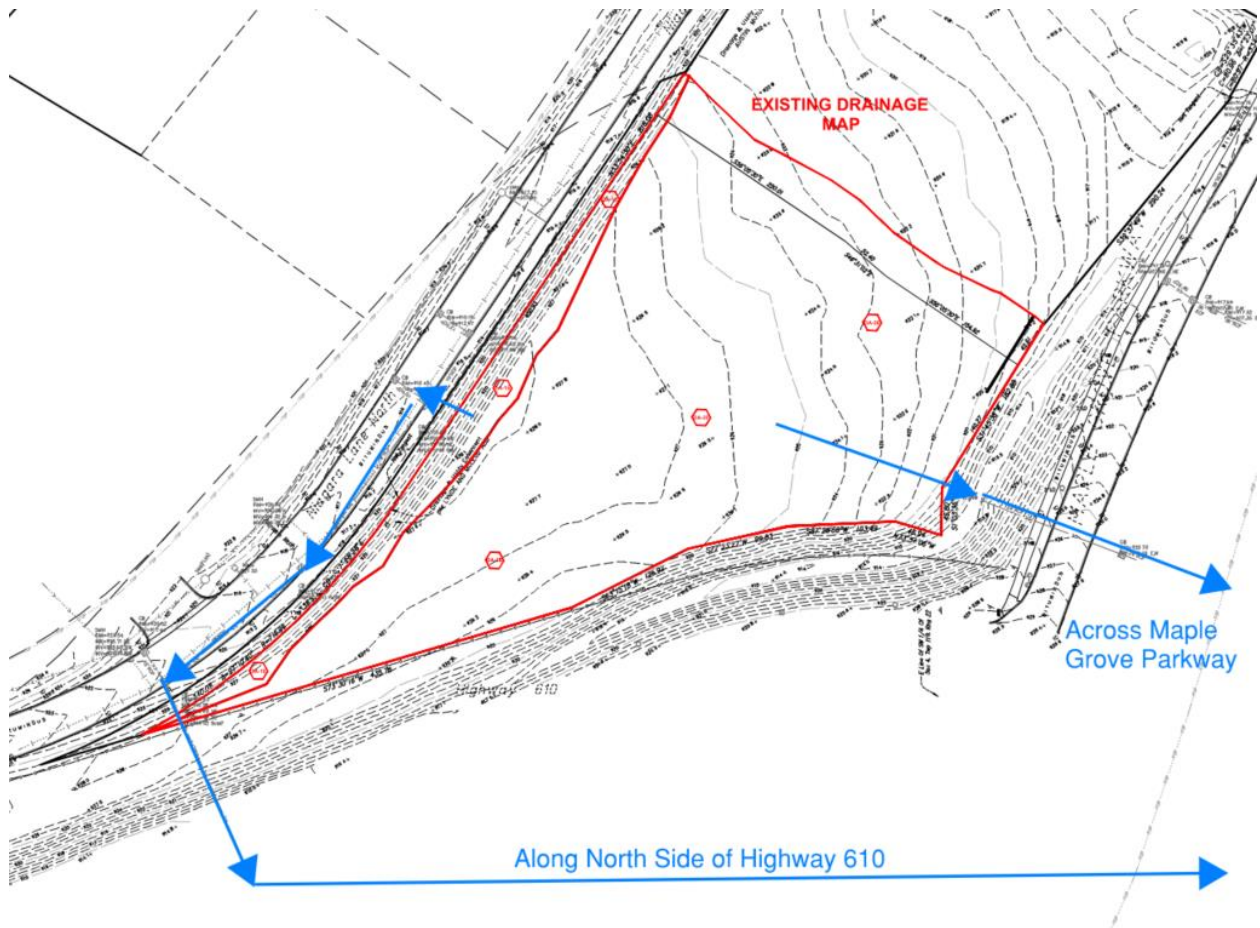
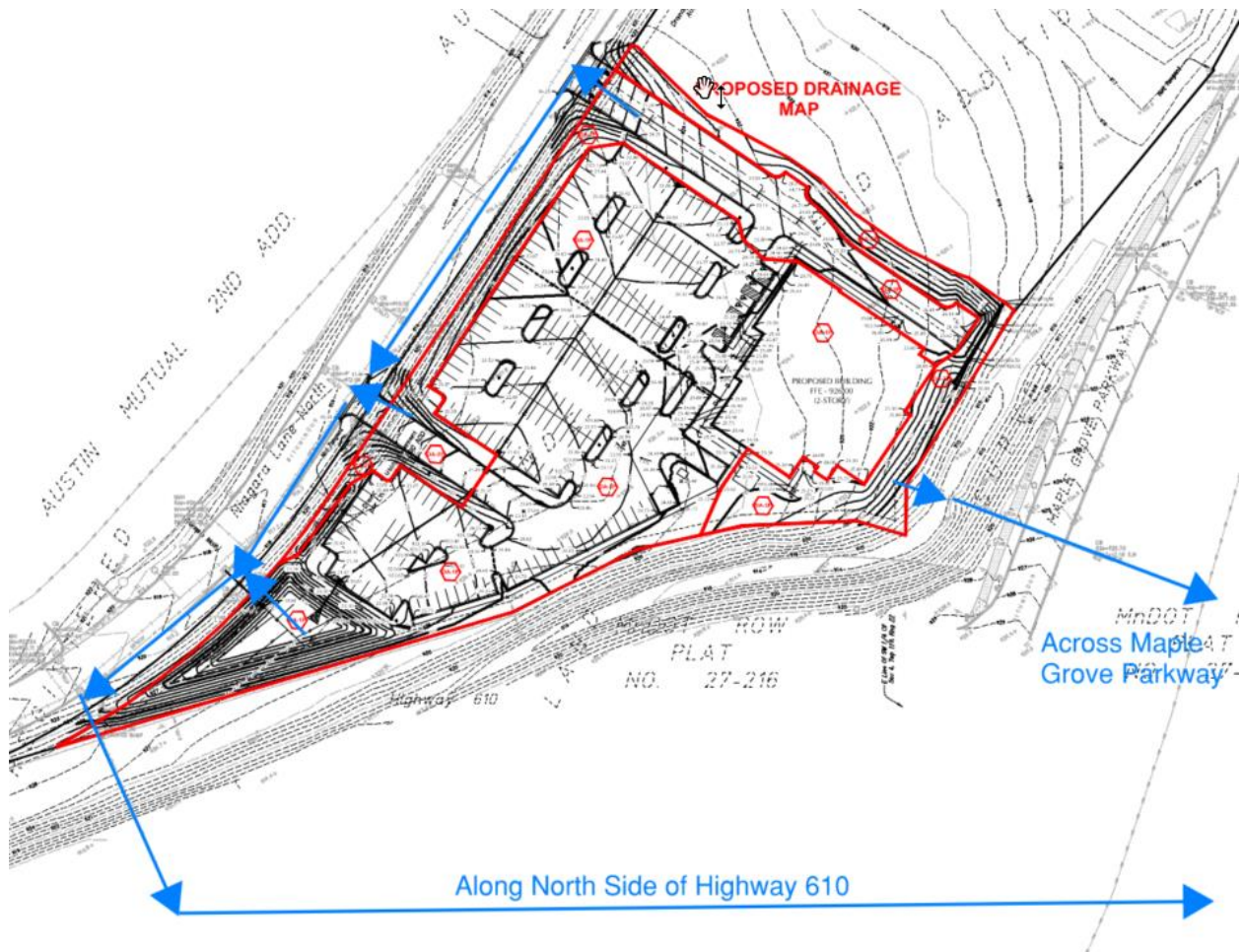




Figure 3 Proposed Drainage Plan





**Figure 4 Overall Drainage Path, adapted from Maple Grove Local Surface Water Management Plan**

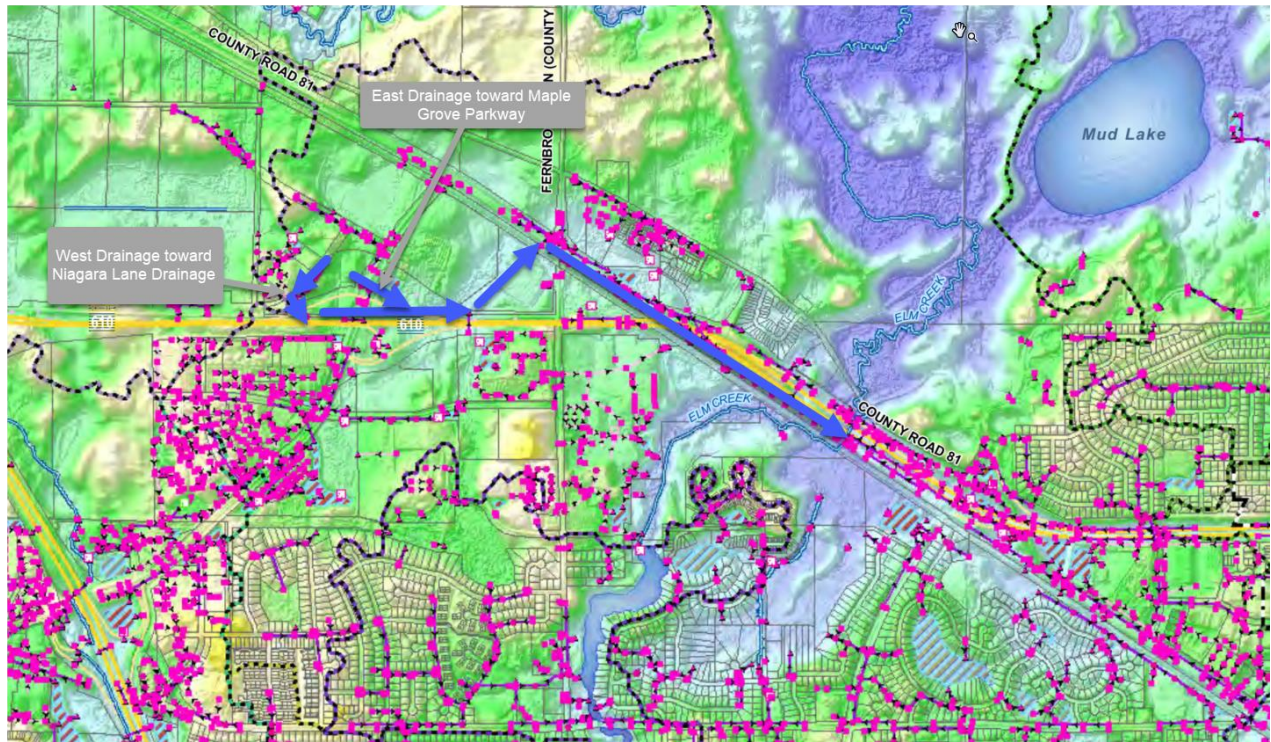


Figure 5 Annotated Erosion and Sediment Controls

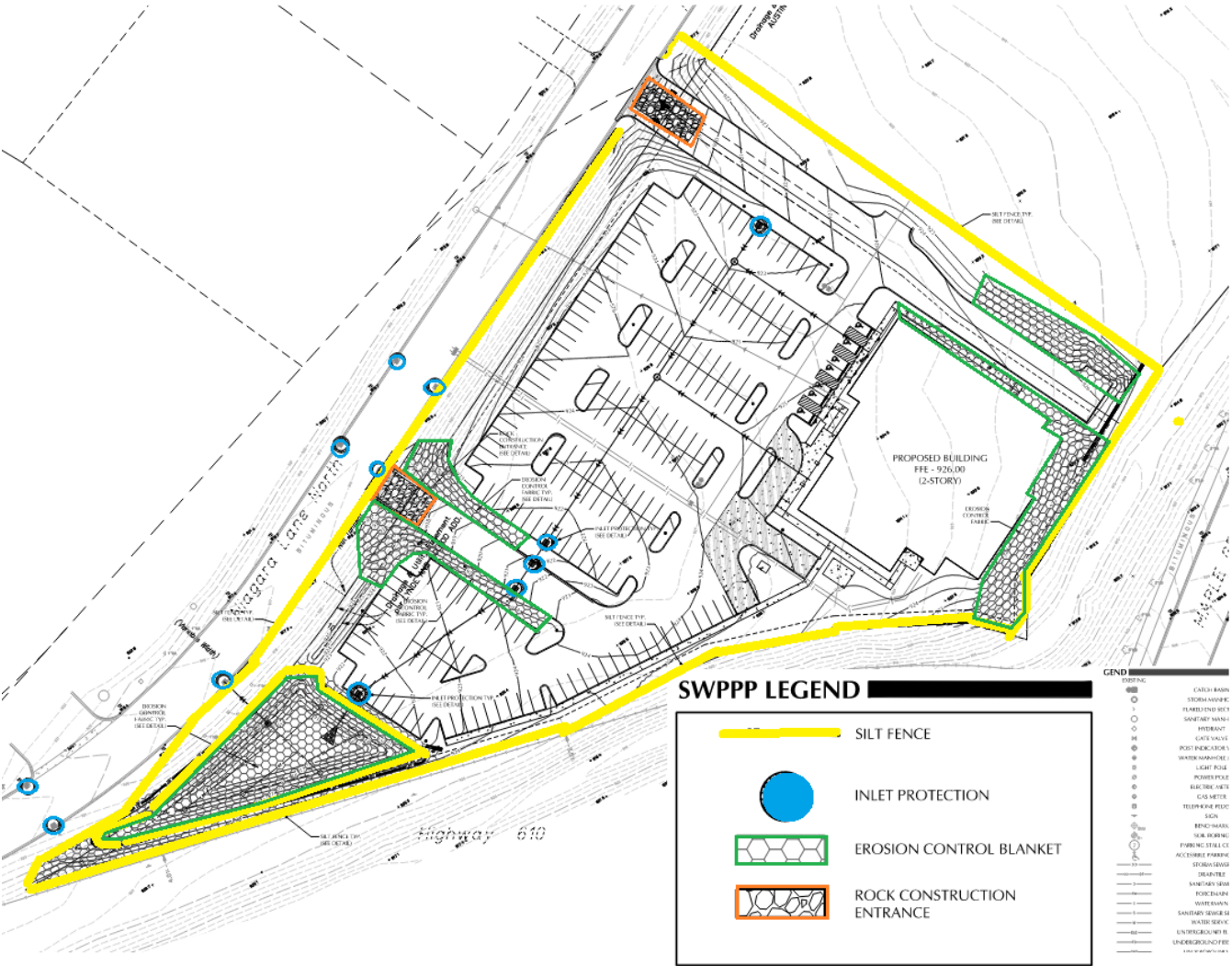
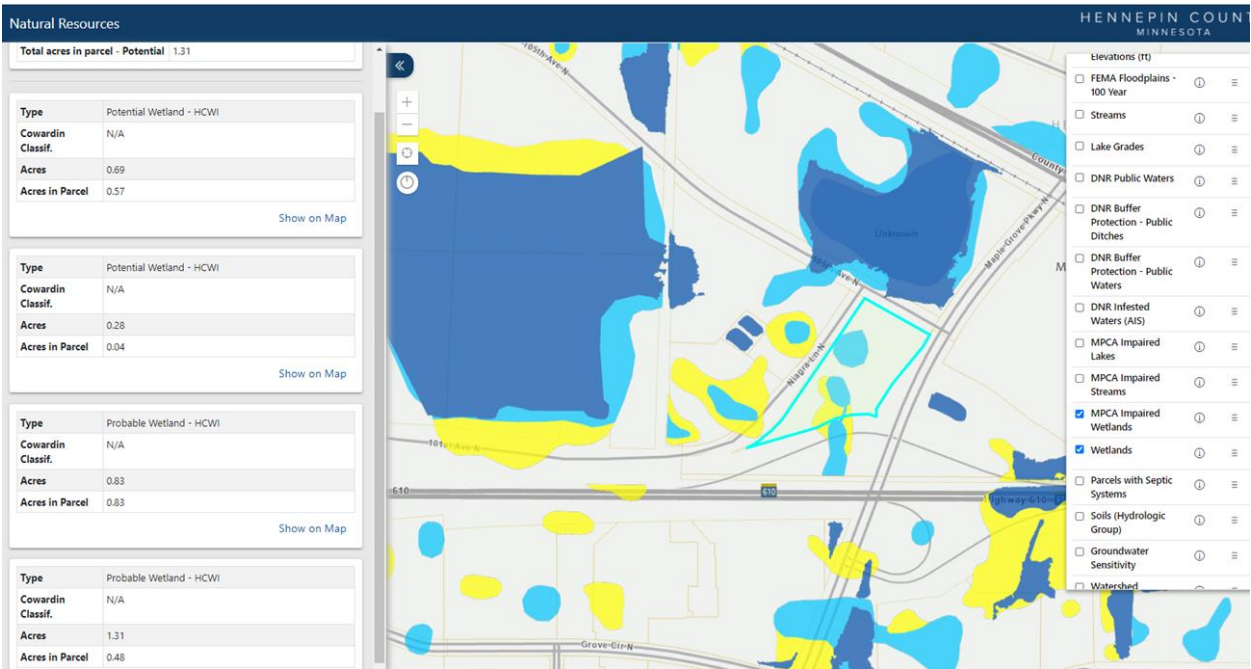


Figure 6 Screen Shot from Hennepin County Wetland Inventory



## Hackamore Road Reconstruction Concept Plan

### Corcoran & Medina, Project #2021-025

#### Project Overview:

<i>Location:</i>	This is a 1.3 mile reconstruction of Hackamore Road between County Road 116 and County Road 101.		
<i>Purpose:</i>	The applicant is proposing to widen the road, add turn lanes, pedestrian features and utility improvements. The proposal creates 4.4 acres of new impervious areas. The project drains mostly to Elm Creek and relies on existing and proposed developments adjacent to the project to meet Commission requirements. The applicant is requesting review and concurrence with the conceptual plan at this time, not the final permit review/ approval. The submittal is missing key information required for final approval. This review will focus on the applicant's plan to meet Rule D.		
<i>ECWMC</i>	X	Rule D	Stormwater Management
<i>Rules</i>	X	Rule E	Erosion and Sediment Control
<i>Triggered:</i>		Rule F	Floodplain Alterations
	X	Rule G	Wetland Alteration
	X	Rule H	Bridge and Culvert Crossings
	X	Rule I	Buffer Strips

<b><u>Applicant:</u></b>	City of Corcoran, City of Medina,	<b><u>Attention:</u></b>	Kevin Mattson, Dusty Finke
<b><u>Address:</u></b>	Corcoran City Hall, Medina City Hall	<b><u>Phone:</u></b>	763-400-7028, 763-473-8846
		<b><u>Email:</u></b>	<a href="mailto:kmattson@ci.corcoran.mn.us">kmattson@ci.corcoran.mn.us</a> , <a href="mailto:dusty.finke@medinamn.gov">dusty.finke@medinamn.gov</a>

<b><u>Agent:</u></b>	WSB Engineering	<b><u>Attention:</u></b>	Laura Kivisto, WSB
<b><u>Address:</u></b>	701 Xenia Ave S Unit 300 Golden Valley, MN 55416	<b><u>Phone:</u></b>	612-274-9225
		<b><u>Email:</u></b>	<a href="mailto:lkivisto@wsbeng.com">lkivisto@wsbeng.com</a>

<b>Exhibits:</b>	<b>Description</b>	<b>Date Received</b>
<i>Application</i>	<input type="checkbox"/> Complete ECWMC Application	7/7/2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	7/7/2021
	<input checked="" type="checkbox"/> City authorization: Medina, Corcoran	7/7/2021
	<input checked="" type="checkbox"/> Review fee: \$5,400	7/7/2021
	<input type="checkbox"/> Project Documents (site plans, reports, models, etc.)*	7/7/2021

\*A 75% conceptual design was received; so all project documents were not received. This is not a full, complete application. The applicant requested a review at this phase to facilitate early coordination between the Applicants and the Commission.



### *Submittals*

1. Hackamore Road Improvements Project 75% Construction Plans (54 sheets) by WSB Engineering dated May 15, 2021. The applicant proposes providing a Stormwater Pollution Prevention Plan (SWPPP) in a later design phase. Wetland modifications are proposed but the memo indicates information on impacts and mitigation will be provided at a later date. Grading and erosion control plans were not included in this submittal. Design of 2 proposed BMPs is not provided.
2. Stormwater memo dated June 30, 2021 by WSB Engineering including existing and proposed drainage area maps, curve number and time of concentration calculations, summary and documentation for reliance on adjacent developments, MIDS model, geotechnical evaluation report, pipe sizing evaluation.
3. Hackamore Road Project HydroCAD model output dated 6/28/2021.

### **Findings**

#### **General**

1. An application for the purpose of reviewing the 75% conceptual plan was received July 7, 2021. The initial 60-day decision period per MN Statute 15.99 would expire September 5, 2021 for a complete submittal, however the submittal is not complete as it is provided for a 75% review. Grading/ erosion control plans, a stormwater pollution prevention plan (SWPPP), details on how impacted wetlands will be mitigated, design details for BMPs and adjacent impacts will be required. This is not technically a complete permit application, and the findings will give an opinion on meeting Rule D and comment on other Commission requirements as appropriate given current information.
2. The proposed project is an existing 1.3 mile section of Hackamore Road, extending from about 1,500 feet west of CR 116 to CR 101 along Hackamore Road. The roadway is currently about 24 feet wide in most locations.
3. The project will disturb ■ acres and create 4.4 acres of new impervious areas comprised of turn lanes, a wider roadway and pedestrian infrastructure. The road will go from 24 feet wide in most locations, to 46.67 feet wide in the standard section, 48.67 feet wide in the urban section, and 58.68- 63.67 feet wide in sections with one or two turn lanes. Existing impervious is 4.26 acres, proposed impervious will be 8.7 acres.
4. The project proposal impacts ■ acres of wetlands in ■ existing wetlands (no information on wetland disturbance was provided with the 75% submittal, the applicant will provide the information at a later date).
5. The project proposes meeting Commission Requirements in phases:
  - a. Interim Phase: Road construction is planned concurrently, or in advance of construction of the adjacent developments. BMPs at two of the developments, now underway or constructed, are proposed to meet the Commission requirements. The project proposes construction of 2 (possibly 3) interim filtration or settling BMPs.
  - b. Full Buildout: The applicant proposes that five future developments incorporate the remaining rate control and BMPs to meet volume control and rate control requirements.

The applicants propose that some of the drainage will remain unrouted through BMPs, as is common in roadways. They propose excess flow rate restrictions and volume mitigation, and water quality BMPs in other areas to compensate for untreated areas.

## Rule D – Stormwater Management

### General

1. The proposed project is 1.7 miles from Elm Creek. Most of the drainage on the site is to the east (--- acres). Smaller sections drain to the north (--- acres), and then south (--- acres).
2. Two (2) stormwater BMPs, and potentially one temporary sedimentation basin are proposed to provide limited water quality benefit. More details on design/ sizing are needed.
3. The soils on the site are predominantly Hydrologic Soil Groups Type B, soil borings were geared toward road bed design, not adjacent land for BMP development.
4. Geotechnical evaluation and soil borings by Haugo in 2019 indicate mostly sandy lean clay fill, with native glacial material- also sandy lean clay. No groundwater was encountered below the lowest elevation 978. Low elevation in the wetland in the southwest of the Hackemore/ 116 intersection is 984, with adjacent water surface elevations between 986 and 974 on the east end of the project. Ponds in the area may or may not be surficial expressions of ground water surface elevations. Geotechnical evaluation was geared toward the road bed, borings do not extend to areas with future BMPs.
5. Low Floor Elevations are N/A with the proposed roadway project, though flow is routed to existing ponds located in existing adjacent developments. If ponds are impacted, LFEs requirements should be verified against updated peak pond elevations.

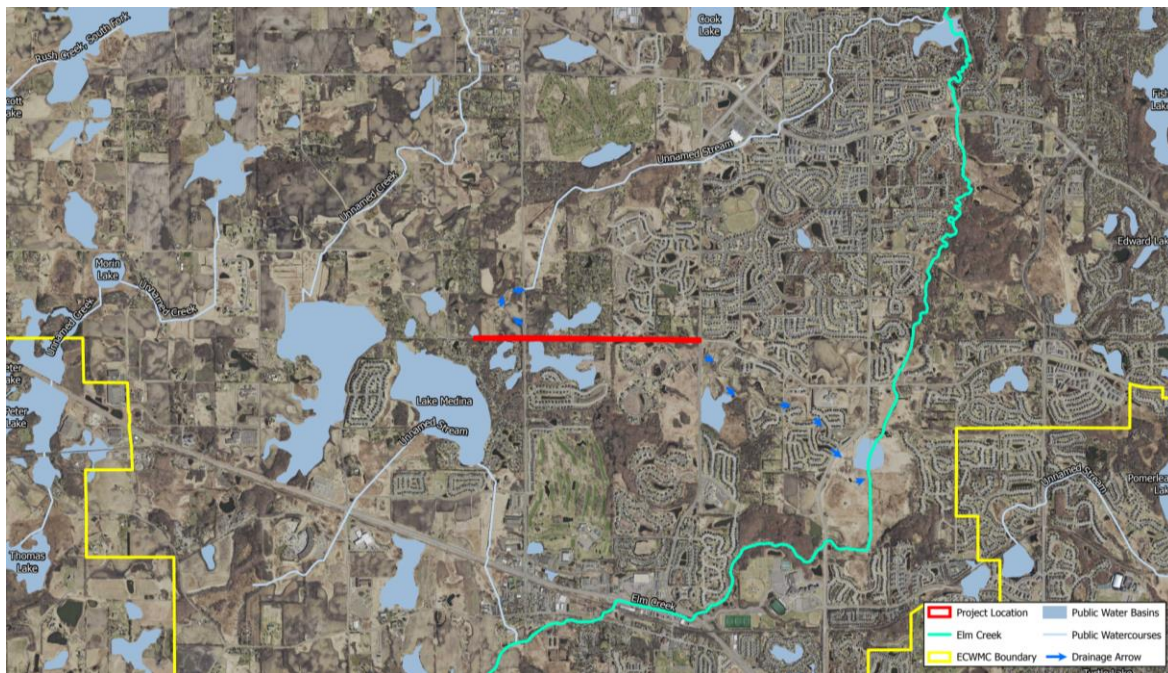


Figure 1. Project Location + Existing Drainage

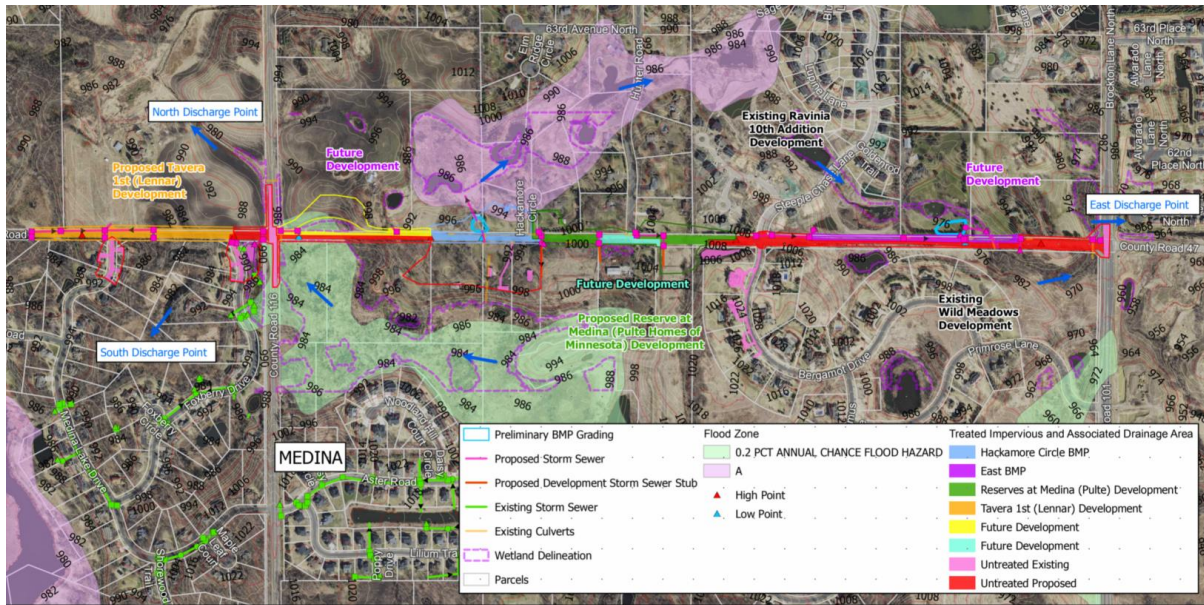


Figure 2. Project Proposed Drainage

### Water Quality Controls

1. Water quality controls **may meet** Commission requirements at the time of full buildout of the adjacent developments.
2. Soils are conducive for infiltration, however achieving infiltration on linear projects is difficult due to constrictions of ROW space.
3. Water quality loads are estimated using MIDs, some discrepancy between the modeled ponds and ponds shown on the plan set, and the absence of details for other ponds limit ability to critically evaluate the proposed BMPs.
4. Given the linear nature of the project, many small drainage areas discharge without water quality BMPs. The applicant proposes to gain overall rate control for untreated areas through oversizing BMPs in adjacent developments.
5. No filter bench and water reuse information were provided for review for the interim BMPs. Taverna has provided an email indicating they believe they can provide abstraction through their existing systems for 1.89 acres of impervious.

The applicant's proposed water quality restrictions on adjacent developers are listed below in their table 10.

Table 1 Applicant's Water Quality Summary



Table 10. Pollutant Loading Rate to Proposed Development Sites

Development	To Discharge Point	Existing TP Loading Rate (lbs/yr)	Existing TSS Loading Rate (lbs/yr)	Proposed TP Loading Rate (lbs/yr)	Proposed TSS Loading Rate (lbs/yr)
Tavera	North	1.70	309	Developer to Determine	Developer to Determine
Reserves at Medina	North	0	0	Developer to Determine	Developer to Determine
Future Development on NE Corner of CR 116 and Hackamore Road (Not routed to 75% BMP)	North and East in Existing, North in Proposed (considers discharge point E7 and E8_B in existing conditions and P7 in proposed conditions)	1.62	294	Developer to Determine	Developer to Determine
Future Development on NE Corner of CR 116 and Hackamore Road (Routed to 75% BMP)	East (considers E8_A and E10 in existing conditions and P9 in proposed conditions)	7.83	1420	0.270	58.5
Future Development South of Hackamore Road at Approximate STA 135+00	North	0	0	Developer to Determine	Developer to Determine
Future Development North of Hackamore Road at Approximate STA 158+00	East	0.880	159	0.047	9.90

### Rate Controls

1. Most runoff from the site drains to wetlands which discharge to Elm Creek.
2. Rate controls for the 2-year and 10-year event **may meet** Commission requirements at the time of full buildout for the adjacent developments. However sufficient data was not presented at this time to determine that, and the applicant's memo lists this is not certain.
3. Updated modeling is needed from Tavera (XP-SWMM Model) and modeling from the Reserve at Medina is needed as well as modeling for future developments which show the initial condition as the pre-road reconstruction for Hackamore Road.
4. Given the linear nature of the project, many small drainage areas discharge without rate control. Applicant proposes to gain overall rate control for untreated areas through restricting rates in adjacent developments.



Applicant's modeled existing runoff rates and proposed untreated discharge rates:

**Table 3. Existing Runoff Rates**

Ultimate Discharge Point	Existing Rate		
	2-year (cfs)	10-year (cfs)	100-year (cfs)
North	6.97	16.4	42.3
South	2.23	4.50	10.9
East	11.1	27.7	65.5

The untreated Hackamore Road proposed runoff discharge rates are recorded in **Table 5**.

**Table 5. Proposed Runoff Rate for Untreated Discharge**

Discharge Point	2-year	10-year	100-year
North	2.95	5.12	14.7
South	1.44	3.19	7.14
East	9.01	20.9	44.4

The applicant's proposed apportionment of rate restrictions is below in their "Table 6-8".

**Table 2 Rate of Discharge Leaving Site – Hackamore Road Reconstruction**

**Table 6. 2-year Event Rate Control Accounting Table**

Column A	Column B	Column C	Column D	Column E
Discharge Point	Existing Rate (cfs)	Proposed Rate Component	Proposed Rate (cfs)	Final Proposed Rate (cfs)
North	6.97	Tavera 1st		
		Reserves at Medina		
		CR116 Development		
		STA 135+00 Development		
		Untreated	2.95	
South	2.23	Untreated	1.44	1.44
East	11.1	Hackamore Circle BMP	0.36	9.62
		East	0.25	
		Untreated	9.01	

**Table 7. 10-year Event Rate Control Accounting Table**

Column A	Column B	Column C	Column D	Column E
Discharge Point	Existing Rate (cfs)	Proposed Rate Component	Proposed Rate (cfs)	Final Proposed Rate (cfs)
North	16.4	Tavera 1st		
		Reserves at Medina		
		CR116 Development		
		STA 135+00 Development		
		Untreated	5.12	
South	4.50	Untreated	3.19	3.19
East	27.7	Hackamore Circle BMP	1.66	22.9
		East	0.36	
		Untreated	20.9	

Table 8. 100-year Event Rate Control Accounting Table

Column A	Column B	Column C	Column D	Column E
Discharge Point	Existing Rate (cfs)	Proposed Rate Component	Proposed Rate (cfs)	Final Proposed Rate (cfs)
North	42.3	Tavera 1st		
		Reserves at Medina		
		CR116 Development		
		STA 135+00 Development		
		Untreated	14.7	
South	10.9	Untreated	7.14	7.14
East	65.5	Hackamore Circle BMP	5.22	50.5
		East	0.90	
		Untreated	44.4	

### Abstraction Controls

- Abstraction controls **may meet** Commission requirements at full buildout of adjacent parcels.
- New impervious areas will be 4.4 acres requiring infiltration of 17,729 cubic feet.
- Abstraction proposed by full buildout of adjacent developments, summarized in the table below, is 22,067 cubic feet. Their calculation exceeds the volume abstraction requirement for 1.1 inches of runoff by 4,338 cubic feet. However, no details are provided on design.
  - The 75% plan and proposed BMPs meet 37% of the requirement (6,572 cubic feet of required 17,729 cubic feet. This is accomplished through 2 filtration BMPs.
  - Future developments that are already in planning, Taverna and Reserve at Medina propose to add 10,331 cubic feet- or 95% of the requirement. More documentation is needed.
    - Taverna provided an email indicating that capture and re-use proposed for the site already can meet the excess needs for 1.8 acres of the proposed 4.4 acres of new impervious.
    - The Reserve at Medina calculations were included with the application, but not a direct calculation of how much of the abstraction is devoted to covering the requirements for Hackamore Road.
  - Future developments without existing permit applications propose adding 5,164 cubic feet. No information was provided.
- Two footprints for BMPs were shown in the 75% plan. The memo indicates these will be filtration BMPs, but details were not provided on function in the 75% plan set. Drawings and modeling for the proposed BMPs need to align. The modeling suggests that the ponds offer the following benefits:
  - Memo/ Planset Ponds:
    - 19220 Hackamore Road Proposed BMP- on private property: 13,500 0.3 acres.
    - 6215 Hackamore Circle (partly on private parcel, partly on Ravina Outlot B): 0.2 acre pond.
  - Modeled proposed ponds:

- i. Hackamore Circle (60P): 0.5-acre pond with 2.75 acre inflow at 30% impervious. No exfiltration modeled. Outlet below pond bottom.
- ii. East BMP (87p): 0.35-acre pond with 0.8 inches of exfiltration modeled. However, the 12" RCP outlet is modeled as below the pond bottom meaning that exfiltration would be limited.

All outlets were modeled below listed pond bottom. None show significant rate control, or water quality benefit as modeled. No details were provided in the 75% design.

- 5. Both BMPs on the 75% plan set are located on private parcels and no documentation of easements or documentation of discussions with landowners was provided.

The applicant's proposal for apportionment of the abstraction requirement is shown in their "Table 9" below.

**Table 3 Applicant's proposed Abstraction – Hackamore Road, 116 to 101**

BMP	Provide Volume Control (cf)	Notes
Tavera 1 <sup>st</sup> (Lennar) Development	7,331	The Tavera 1 <sup>st</sup> Development can provide treatment for all the Hackamore Road impervious area routed to the development. See Appendix for documentation.
Reserves at Medina (Pulte) Development	3,000	The Reserves Development of Medina can provide a maximum of 3,000 cf of volume control via reuse. See Appendix for rational.
Future Development on NE Corner of CR 116 and Hackamore Road	3,371	To be provided by the developer.
BMP Designed on Future Development Land North of Hackamore Road at STA 127+00	3,302	BMP part of the 75% design phase.
Future Development South of Hackamore Road at Approximate STA 135+00	1,793	To be provided by the developer.
BMP Designed on Future Development Land North of Hackamore Road at STA 158+00	3,270	BMP part of the 75% design phase.
<b>Total Provided</b>	<b>22,067</b>	

#### **Rule E – Erosion and Sediment Control**

The applicant provided a 75% design plan without erosion or sediment control. The applicant proposes providing a Stormwater Pollution Prevention Plan (SWPPP) in a later phase of design. A plan must be submitted prior to approval from the Commission.

#### **Rule G – Wetland Alteration**

Applicant indicates there are wetland impacts associated with this project and indicates they will provide information at a later day. The figure below shows the wetlands along Hackamore Road within the project area.

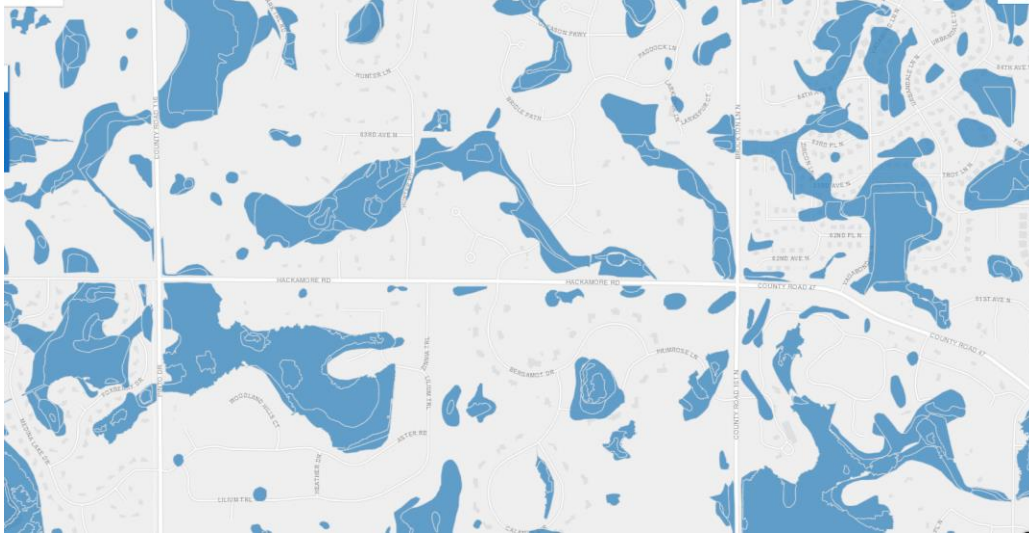


Figure 3. Wetlands along Hackamore Road between 116 and 101

## **Rule H – Bridge and Culvert Crossings**

The outlet to the MNDNR public wetland needs to be evaluated. A 0.5' increase in outlet elevation is proposed, leading to increase in normal water level, as well as flow in the 2-year event.

## Rule I – Buffer Strips

No details provided.

**Considerations:**

- It is difficult to incorporate rate control, infiltration and water quality BMPs on linear projects.
- Corcoran and Medina have brought 75% conceptual plans for review by the Commission to determine if requiring the new impervious be mostly handled on adjacent future developments will meet Commission requirements.
- Based on existing data, staff can say, the concept behind the applicant's plan has the potential to meet Commission requirements- but cannot say definitively at this time that they will.
- There may be time between roadway re-construction and full build out for the developments. The applicant has conceptual plans for 2 (possibly 3) small BMPs and mentioned constructing a sediment basin as well (details are needed). More information is needed on the design and function and sizing, and current ownership of the parcels on which the proposed BMPs are cited.
  - The applicant can consider providing the sequencing/ timing for construction of the proposed project as well as the future developments as known.
  - Applicant needs to provide updated modeling for Taverna as listed in their email.
- The wetland impacts need to be evaluated.
- The applicant's plan as described in the memo includes several drainage areas which go untreated for rate/ volume.
- The applicant's model, memo and plan set need to better align with the final submittal. Another full review will be needed.

- Applicant should report impacts on existing adjacent ponds: will increased hydraulic loading inhibit settling capacity for water quality, rate control, and LFE freeboard?
- Are roadway ditch BMPs appropriate?

**Recommendation**

Motion: Staff recommends issuing an findings letter for #2021-025. Staff recommends Commission concurrence with the project approach with the following condition(s):

1. *Approval is contingent upon payment of all review fees. Additional payment may be required is the review cost exceeds escrow payment(s) submitted by the applicant.*
2. *Erosion and sediment control plan is provided and accepted by the Commission.*
3. *Medina/ Corcoran/ TEP approval the Wetland Mitigation Plan and the city maintains a drainage and utility easement for existing and proposed on site wetlands.*
4. *Applicants shall consider and respond to staff comments on plan and provide final data prior to approval.*
5. *The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded. Consider how to provide similar assurance for the BMPs not yet constructed.*

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

**10/5/2021**  
Date

## Xcel Energy Elm Creek Substation Maple Grove Project #2021-027

### Project Overview:

**Location:** Expansion of the existing Xcel Energy Elm Creek Substation in Maple Grove, MN at the intersection of County Road 81 and Fernbrook Lane N, immediately north of Highway 610

**Purpose:** Upgrade of infrastructure and installation of stormwater BMPs and associated structures

**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

<b>Applicant:</b> Xcel Energy <hr/> <b>Address:</b> 414 Nicollet Mall Minneapolis, MN	<b>Attention:</b> Sean Lawler <hr/> <b>Phone:</b> 612-330-1956 <hr/> <b>Email:</b> <a href="mailto:sean.w.lawler@xcelenergy.com">sean.w.lawler@xcelenergy.com</a>
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<b>Agent:</b> HDR Engineering <hr/> <b>Address:</b> 1601 Utica Ave S, Suite 600 St. Louis Park, MN	<b>Attention:</b> Michael Swenson <hr/> <b>Phone:</b> 952-807-4537 <hr/> <b>Email:</b> <a href="mailto:Michael.swenson@hdrinc.com">Michael.swenson@hdrinc.com</a>
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Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	August 5, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	August 5, 2021
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	August 2, 2021
	<input checked="" type="checkbox"/> Review fee: \$3,375	August 5, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 5, 2021

### Submittals

1. Xcel Energy Elm Creek Substation SWPPP, prepared by HDR, dated June 2021, revised September 2021
  - a. Construction Stormwater Pollution Prevention Plan, dated June 2021, revised September 2021
  - b. Elm Creek Substation Expansion Drainage Maps (Appendix C), dated April 2021, revised September 2021
  - c. HydroCAD Modeling report for existing and proposed conditions (Appendix D), dated July 2021

- d. Geotechnical report, dated August 28, 1995
2. Elm Creek Substation Construction Site Plan, dated September 30, 2021 (note the site plan date reflects a date after this review)
3. Elm Creek-Substation—Drainage Response Letter dated September 10, 2021

## Findings

### General I

1. A complete application was received August 5, 2021. The initial 60-day decision period per MN Statute 15.99 expired October 4, 2021. On September 20, 2021, the initial 60-day decision period was extended an additional 60-days to December 3, 2021 to include the project on the October 13, 2021 ECWMC Commission meeting.
2. The project site is an undeveloped, grassed area next to the existing Elm Creek Xcel Energy substation. Runoff from the existing site flows in two directions, both that discharge to a wetland just to the west of the substation. The western portion of the existing pad flows in ditch toward the southwest corner of the existing pad and the eastern portion flows north into an existing stormwater basin.
3. The proposed construction includes expansion of the existing pad and construction of the stormwater BMPs and associated features.
4. The expansion will disturb 3.7-acres and create 1.84-acres of net, new impervious, in addition to the 2.52-acres already on the site (4.36-acres of total impervious area). The parcel is 17.09 acres. Existing and proposed conditions HydroCAD models were created to model rate control. The existing substation pad and proposed pad are both gravel surfaces, which is classified as an impervious surface per Elm Creek WMC rules.
5. To meet ECWMC criteria regarding rate control, volume control, and water quality, the applicant is proposing:
  - a. A stormwater wet pond in the southwest corner of the site and will be used to manage runoff from the western portion of the pad expansion (1.25-acres of the new impervious) as well as approximately 1.43-acres of the existing pad that runs off the site without treatment
  - b. A bioretention basin and minor expansion of the existing stormwater basin located on the northeast corner of the site will be used to manage runoff from the expansion of the eastern portion of the site (0.59-acres of new impervious) and 0.36-acres of the existing pad impervious (which is currently untreated). A low flow channel on the downhill side of 0.59-acre expansion will be used to collect runoff and route it south to a forebay to remove sediment before discharging to the biofiltration basin. A surge basin will be added to treat the existing pad runoff before discharging into the expanded stormwater basin.
6. Technical staff provided administrative approval of grading on September 20, 2021, contingent that the applicant accept all risks for any changes required to receive final approval by the ECWMC and also receives city approval for grading.
7. Wetlands exist on west side and north side of the site and will not be disturbed as part of construction. Both wetlands receive stormwater discharge from the site. Pretreatment of all discharge into the wetland is provided by the proposed stormwater BMPs onsite.
8. Because soil borings indicate show sandy lean clay, lean clay with sand, and some clayey sand as underlying soils throughout the site and beneath the proposed basin footprints, infiltration is not

feasible. The 3-foot separation for infiltration also cannot be achieved due to the shallow groundwater onsite.

- There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

## **Rule D – Stormwater Management (plans)**

### **General**

- The project will disturb 3.7-acres of a 17.09-acre parcel. The proposed total impervious area will be 4.36-acres, 1.84-acre of which is new impervious.
- Soil borings show sandy lean clay, clayey sand, and some fat clay. These underlying soils are predominantly Hydrologic Soil Group Type C (low infiltration capacity) with high groundwater.
- Stormwater will be managed on the site using two stormwater ponds (one stormwater pond already exists), a surge basin, and a biofiltration basin.

### **Rate Controls**

- Rate controls meet Commission requirements.
- Rate control for the site was provided by a stormwater basin on the southwest side of the property, a the biofiltration basin on the eastern side that will be routed to the existing stormwater basin on the northeast side, and a minor expansion of stormwater storage of the existing stormwater basin on the northeast side of the site.
- The biofiltration basin drawdown time meets the Commission's 48-hour drawdown criteria.
- The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each drainage point from the site. The rates are summarized in the table below:

**Table 1 Rate of Discharge Leaving Site**

<b>Direction</b>	<b>Condition</b>	<b>2-year (cfs)</b>	<b>10-year (cfs)</b>	<b>100-year (cfs)</b>
<b>Southwest</b>	Pre-Project	12.3	22.0	43.4
	Proposed	2.6	4.3	9.1
	<b>Change</b>	<b>-9.7</b>	<b>-17.7</b>	<b>-34.3</b>
<b>East then North to existing stormwater BMP</b>	Pre-Project	5.0	9.4	18.7
	Proposed	2.2	4.9	15.6
	<b>Change</b>	<b>-2.8</b>	<b>-4.5</b>	<b>-3.1</b>

### **Abstraction Controls**

- Abstraction controls **meet** Commission requirements.
- Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils and shallow groundwater.
- New impervious areas will be 1.84 acres requiring abstraction of 7,347 cubic feet.



- a. The western portion of the proposed expansion (1.25-acres) is directed to a wet pond. The existing pad elevation is at 905-feet and the adjacent wetland is at approximately 902-feet. Soil borings show the groundwater elevation at the site is at approximately the same elevation as the adjacent wetland. Because of the high groundwater elevations and minimal elevation change (three feet) to provide positive drainage, both infiltration and filtration are infeasible for this area.
  - i. Dead storage (permanent pool) of the stormwater basin is designed to hold runoff of a 2.5-in storm event. The pond provides no abstraction credits but does provide water quality treatment for the proposed expansion (1.25-acres) and 1.43-acres of the existing pad (2.68-acres total).
- b. The eastern portion of the proposed expansion (0.59-acres) is directed to a biofiltration basin that provides 12,966 cf of abstraction and includes an additional 3,794 cf of abstraction from the surge basin linked to the biofiltration basin, which exceeds 1.1-inches of runoff for the new impervious surfaces directed in that direction and offsets the loss to the west.

### Water Quality

1. Water quality **meet** Commission requirements.
2. The applicant provided water quality requirement by providing dead storage of the stormwater basin to hold runoff of a 2.5-in storm event and the biofiltration basin storage capacity to hold 1.1-in of runoff.
3. MIDS calculator was used to provide water quality calculations.

**Table 2 Water Quality Summary<sup>1</sup>**

	<b>Annual Runoff Vol. (ac-ft)</b>	<b>Abstraction Vol. (cubic feet)<sup>2</sup></b>	<b>TP (lbs/year)</b>	<b>TSS (lbs/year)</b>
Pre-Project	9.31	N/A	7.59	1379.6
Proposed (w/o BMP's)	12.19	N/A	9.94	1806.4
Proposed (w/ BMP's)	12.19	16,760	7.00	1105.7
<b>Change</b>	<b>+2.88</b>	<b>+16,760</b>	<b>-0.59</b>	<b>-273.9</b>

### Operation and Maintenance

The applicant will need to enter a stormwater maintenance agreement with the City of Maple Grove. The city's template stormwater maintenance agreement satisfies the requirements of the Commission.

### Rule E – Erosion and Sediment Control (plans)

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

- b. Silt fence around project extents and the pond, including redundant measures around a wetland where a 50-foot buffer cannot be achieved.
- c. Catch basin inlet protection
- d. Stabilization of disturbed soil areas with erosion control blanket
- e. Street sweeping

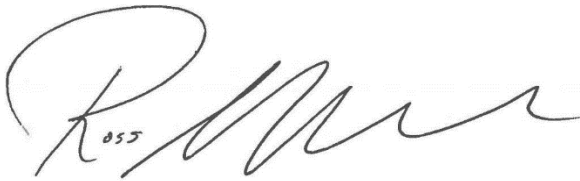
### **Recommendation**

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 a complete stormwater operation and maintenance agreement between the applicant and the City of Maple Grove for all stormwater facilities on the project site.

On Behalf of Wenck (now part of Stantec Consultants, Inc.)  
Advisor to the Commission

A handwritten signature in black ink, appearing to be 'R. M.' followed by a stylized flourish. Below the signature, the number '055' is handwritten.

9/24/2021  
Date

### **Attachments**

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

Figure 1 Project Location

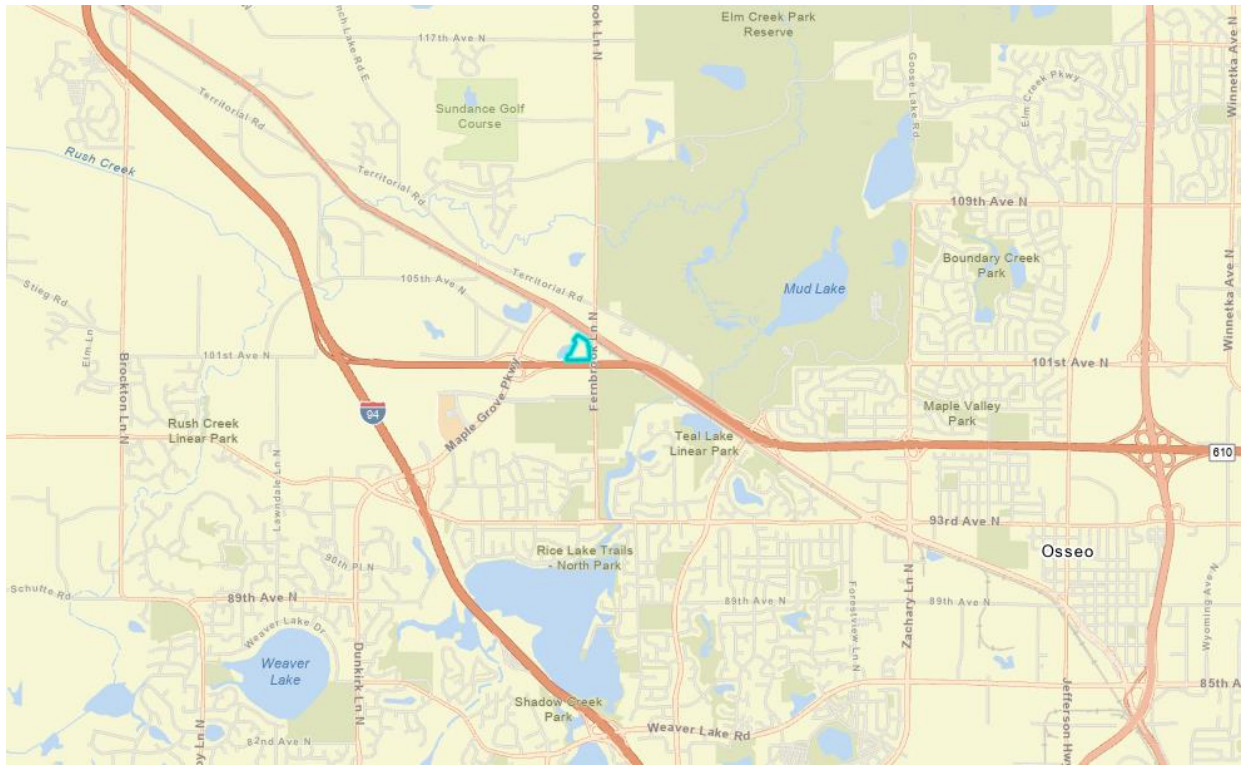


Figure 2 Existing Drainage Map

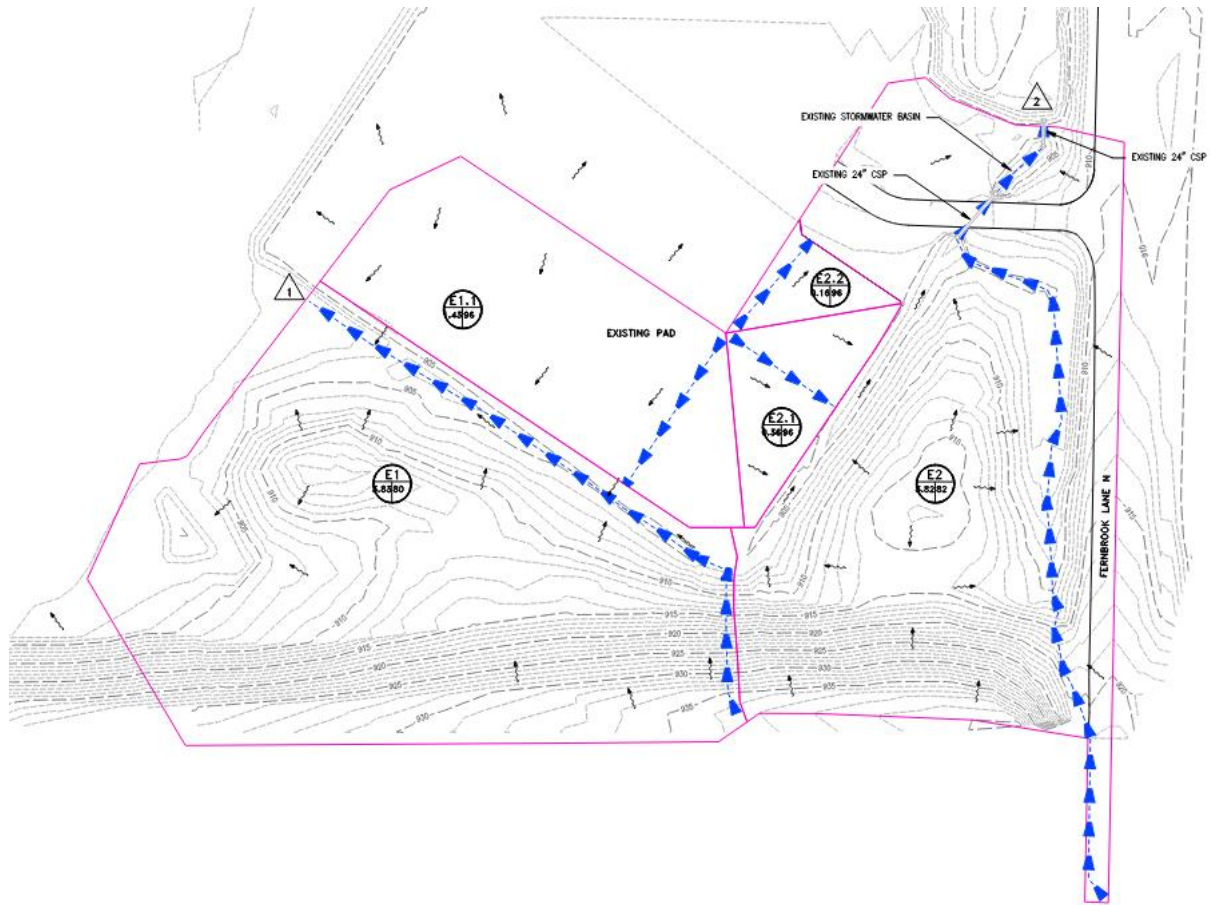
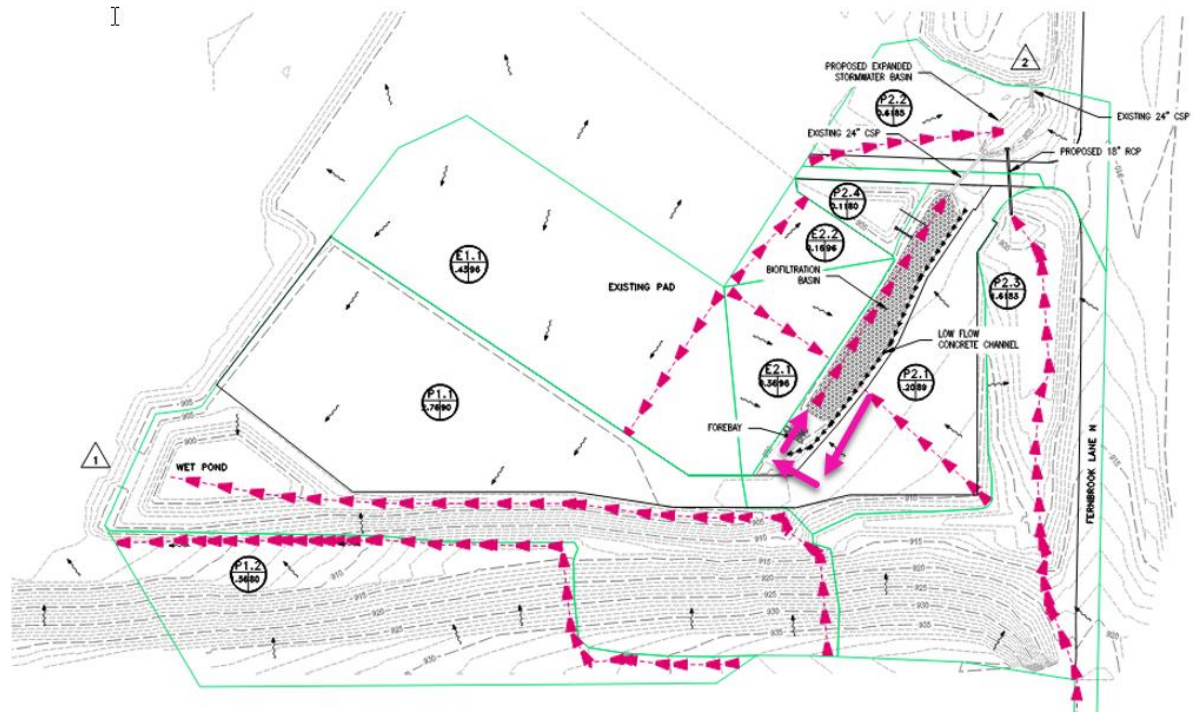


Figure 3 Proposed Drainage Plan



## Cook Lake Edgewater

### Maple Grove, Project #2021-031

#### Project Overview:

**Location:** This is a 53.58 acres development comprised of 4 existing parcels in both Corcoran and Maple Grove. The eastern 3 parcels in Maple Grove totaling 26.27 acres are under consideration for this project review. Elements of the project on the adjacent parcel in Corcoran and listed in this review but the applicant wishes to have these considered two separate projects. **The applicant has requested the two projects be considered separately; technical review is provided only for the proposed development on the 3 Maple Grove parcels.** The site is located along the north side of County Road 10 (Bass Lake Road) just west of the County Road 101 crossing and on the south edge of Cook Lake.

**Purpose:** 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 expansion of County Road 10 as well. The applicant proposes removal of existing structures, woodland, shrubs and most wetlands. Existing land use is hayed fields, wetland, woodland and shrubland with 0.3 acres of existing impervious. This phase of the project will disturb 18.6 acres. Parts of 4 wetlands will be filled during development, impacting 0.8 acres. Two stormwater ponds with bio-filtration benches are proposed for the Maple Grove portion of the site. One biofiltration basin and one pond are proposed for the Corcoran portion of the site.

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

**Applicant:** Sotarra  
**Address:** 1660 Highway 100 S, #400  
 St. Louis Park, MN 55416

**Attention:** Steph Griffin  
**Phone:** 952.525.3239  
**Email:** [steff.griffin@sotarra.com](mailto:steff.griffin@sotarra.com)

**Agent:** Civil Site Group  
**Address:** 4931 W. 35<sup>th</sup> St. #200  
 St. Louis Park, MN 55416

**Attention:** David Knaeble  
**Phone:** 763-234-7523  
**Email:** [Dknaeble@civilsitegroup.com](mailto:Dknaeble@civilsitegroup.com)

<b>Exhibits:</b>	<b>Description</b>	<b>Date Received</b>
<b>Application</b>	<input checked="" type="checkbox"/> Complete ECWMC Application	9/7/2021



<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	8/9/2021
<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	8/4/2021
<input checked="" type="checkbox"/> Review fee: \$4,050*	9/7/2021
<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	8/9/2021

### *Submittals*

1. Stormwater Report dated 3/22/2021 by Civil Site Group with narrative, summaries, HydroCAD modeling output for existing and proposed conditions and P8 model results (355 pages).
2. Plans for Edgewater on Cook Lake (Maple Grove section only) with Stormwater Pollution Prevention Plan and wetland impact plan by Civil Site Group dated 7/27/2021 (49 pages).

## **Findings**

### **General**

1. A complete application was received September 7, 2021. The initial 60-day decision period per MN Statute 15.99 expires November 6, 2021.
2. Three existing parcels totaling 26.27 acre are proposed for conversion to a detached residential rental community.
3. The project will disturb 18.6 acres and create 10.4 acres of new impervious areas in Maple Grove.
4. The FEMA floodplain for Cook Lake extends into this property. The Ordinary High Water (OHW) Level for Cook Lake is 942.1 feet NGVD 29. VERTCON translates that to NAVD88: 942.73. The city's floodplain shows that south Cook Lake overflows to North Cook Lake at 943.1, based on LIDAR the overland from North Cook Lake to Rush Creek is about 945 feet (NAVD88). The exact floodplain elevation remains in question. The limit of grading proposed is 946 ft NAVD 88. No 100 year flood elevation was provided by the applicant for the adjacent Cook Lake. In the absence of a model reflecting the 100-year elevation of Cook Lake, Corcoran allows using the OHWL plus 3 feet as the 100 year elevation.
5. The development site has areas of significant slopes, 0.4 ft/ ft to 0.61 ft/ft. Erosion control interim measures, and frequent inspections by SWPPP inspectors are recommended to protect the slopes and Cook Lake.
6. There are 4.92 acres of wetland across six existing wetlands and channel area on site. The project proposes filling parts of 4 wetlands and part of a channel, or 0.8 acres. No wetland mitigation information was provided with this submittal.

### **Rule D – Stormwater Management**

#### **General**

1. Existing drainage patterns on this site flow largely to onsite wetlands which ultimately drain to Cook Lake. Future drainage will remain essentially the same with the exception of developed/ impervious areas largely routed through roads, gutters, storm sewer and surface drainage to the two proposed permanent ponds with biofiltration benches.
2. Two (2) stormwater ponds with biofiltration benches are proposed to control flow rates and water quality for the change in land use on this site.
3. Geotechnical evaluation soil borings done in 2018 by Haugo identifying the soils as D soils with recommended infiltration rates of 0.06 inch/hr (typ silty clay/ sandy lean clay). Groundwater was encountered at two borings on the southwest corner of the development at 978.5 and 985.5 ft.

4. Low Floor Elevations for Phase I 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.
5. The City of Maple Grove requires the landowners to operates and maintains stormwater facilities on their properties. An operation and maintenance agreement approved by the City and Watershed for the stormwater irrigation system and other stormwater facilities onsite must be recorded on the land title for this property within 90 days after final plat approvals.
6. The applicant indicates the project basins have been designed to accommodate future expansion of County Road 10 (Bass Lake Road). Applicant reports the basins are designed to accommodate new impervious added in Maple Grove of 1.77 acres and 3.16 acres in Corcoran.

### Water Quality Controls

1. Water quality controls **will meet** Commission requirements.
2. Water quality loads are estimated using the P8 model for computation.
3. The applicant uses NURP permanent sedimentation ponds appropriately designed for the 2.5-inch event dead pool storage, the ponds each have bio-filtration as well.
4. TP/ TSS removal tables were provided, but not existing or proposed export in nutrient load.

### Rate Controls

1. The site drains primarily to Cook Lake (about 45.1 acres of the site drains directly to Cook Lake). The reminder drains off site to a filtration basin on the south, to the southeast adjacent property, or to the west and south.
2. Curve numbers for the existing condition are too high relative to air photos. Area modeled as pasture, grassland or range in good condition (D soils CN=80) are closer to brush/ weed/ grass mix (D soils CN 73) for 23. 61 acres of the model. The modeled curve number is 79 in the existing condition and 88 in the proposed condition.
3. While modeling shows rate controls for the 2-year and 10-year event **meet** Commission requirements. The Curve Number issue in item 2 should be addressed and results provided to ensure this requirement is satisfied. Even with that change, the site is likely to meet rate control.

**Table 1 Rate of Discharge Leaving Site – Cook Lake Edgewater**

Condition	Existing (cfs)	Proposed (cfs)
<b>2-year</b>	54.79	43.74
<b>10- year</b>	146.52	130.59
<b>100- year</b>	318.91	279.88

### Abstraction Controls

1. Abstraction controls **meet** Commission requirements.
2. New impervious areas will be 10.4 acres in Maple Grove requiring infiltration of 41,527 cubic feet.



3. Abstraction provided, summarized in the table below is 67,136 cubic feet, which exceeds the volume abstraction requirement for 1.1 inches of runoff by 25,609 cubic feet. Some volume mitigation is provided for the adjacent site in Corcoran, some is provided for a road reconstruction. The calculation technique used by the review engineer/ applicant differs, but results are similar based on design/ function of the ponds as modeled.

**Table 3 Abstraction – Cook Lake Edgewater**

<b>Abstraction Credit</b>	<b>Required Volume (cubic feet)</b>	<b>Reported Volume (cubic feet)</b>	<b>Review estimated Volume (cubic feet)</b>
Biofiltration -1A		48,464	43,919
Biofiltration -1B		18,609	23,217
<b>Total Abstraction</b>	<b>41,527</b>	<b>67,073</b>	<b>67,136</b>

#### **Rule E – Erosion Control**

1. The development site has areas of significant slopes, 0.4 ft/ ft to 0.61 ft/ft. Erosion control interim measures, and frequent inspections by SWPPP inspectors are recommended to protect the slopes and Cook Lake.
2. Provide ditch checks and silt fence along the creek on site, or other measures to prevent sediment mobilizing downstream via the channel while working with the channel/ wetland area on site.
3. Turbidity barriers are required at inlets to Cook Lake during construction until site is stabilized.

#### **Rule F – Flood Plain**

1. The FEMA floodplain for Cook Lake extends into this property. The Ordinary High Water (OHW) Level for Cook Lake is 942.1 feet NGVD 29. VERTCON translates that to NAVD88: 942.73. The city's floodplain shows that south Cook Lake overflows to North Cook Lake at 943.1, based on LIDAR the overland from North Cook Lake to Rush Creek is about 945 feet (NAVD88). The exact floodplain elevation remains in question. The limit of grading proposed is 946 ft NAVD 88. No 100-year flood elevation was provided by the applicant for the adjacent Cook Lake. In the absence of a model reflecting the 100-year elevation of Cook Lake, Corcoran allows using the OHWL plus 3 feet as the 100-year elevation which would be 945.73 feet NAVD. The lowest proposed grading is 946.
2. Provide adequate constructions staking for limits of construction and adequate interim erosion control and inspections to ensure that Cook Lake receives no fill.

#### **Rule G – Wetland**

1. There are 4.92 acres of wetland across six existing wetlands and channel area on site. The project proposes filling parts of 4 wetlands and part of a channel, or 0.8 acres. No wetland mitigation information was provided with this submittal. The final approved wetland mitigation plan will be needed prior to final Commission approval.

**Rule I – Buffer Strips**

1. The applicant's proposal for establishing buffers around intact wetlands **does not meet** Commission requirements. Average buffer width requirement is 25 feet, minimum is 10. The buffer on the wetland between the two basins has only 15 feet or so of buffer.
2. Adequate buffer monumentation **is not** provided.

**Recommendation**

Motion: For the Commission meeting, staff recommends approval of project #2021-031 with the following condition(s):

1. *[Standard Condition]* Approval is contingent upon payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant.
2. Provide adequate wetland buffers and monumentation.
3. Address interim erosion control measures.
4. Provide a reviewed CN evaluation as discussed in rate control item 2. Rate control with update must meet Commission requirements.
5. TEP approval the Wetland Mitigation Plan and the city maintains a drainage and utility easement for onsite wetlands.
6. *The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded.*

In advance of the Commission meeting, if conditions 2, 3 and 5 are met, staff may recommend grading and erosion control approval for the existing Maple Grove portion of project #2021-031 subject to the remaining conditions above.

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

10/4/2021  
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 |

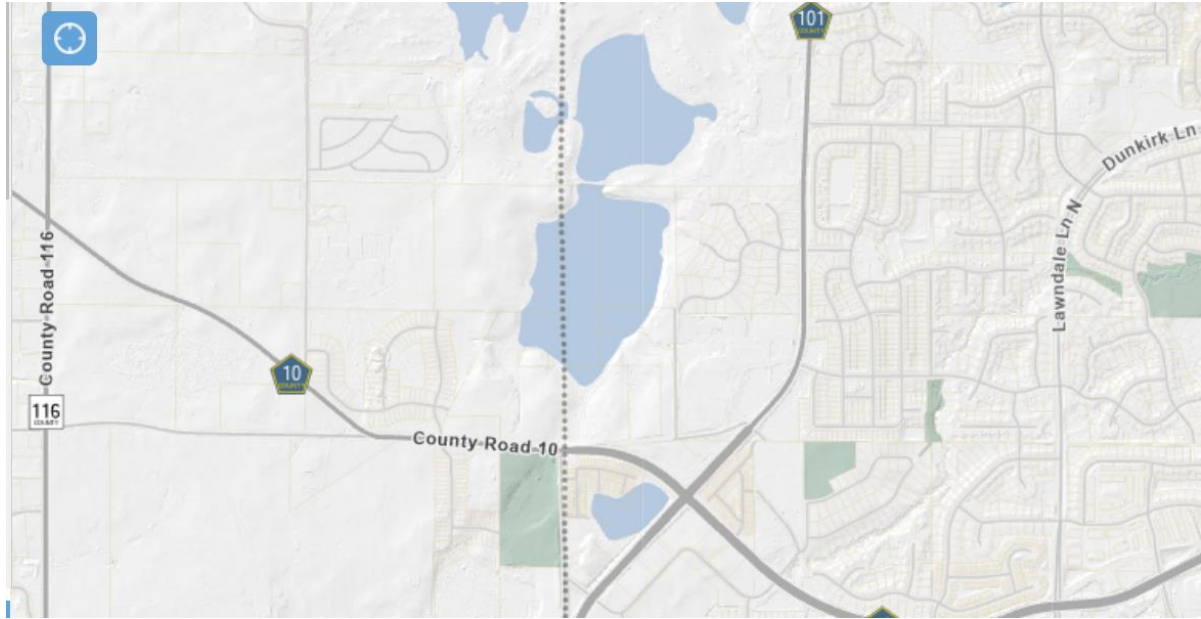


Figure 1 Site Location Map



Figure 2 Aerial Imagery

**Figure 2 Existing Drainage Pattern Map**





# elm creek

## Watershed Management Commission

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ADMINISTRATIVE OFFICE  
3235 Fernbrook Lane  
Plymouth, MN 55447  
PH: 763.553.1144  
E-mail: judie@jass.biz

August 25, 2021

City of Dayton  
Ms. Tina Goodroad, City Administrator  
12260 South Diamond Lake Road  
Dayton, Minnesota 55327

Re: Dayton Park Industrial Center EAW

Dear Ms. Goodroad

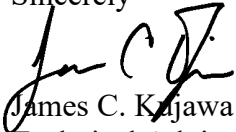
On behalf of the Elm Creek Watershed Management Commission, I would like to offer the following comments on the Dayton Park Industrial Center EAW.

- The Elm Creek WMC standards and requirements are addressed in this EAW report. A complete list of the Elm Creek WMC rules and standards can be viewed at [Application Requirements - Elm Creek Watershed](#). Site development must meet these stormwater, wetlands, buffers, floodplains and erosion control standards.
- The EAW discusses a reclassification of the shoreland district area to a PUD shoreland classification. The Elm Creek WMC would prefer the shoreland district for this site remain without the PUD district reclassification.
  - We believe the reclassification of the shoreland district to a PUD classification in the French Lake Industrial Center has altered the French Lake shoreland district to an extent practical and reasonable. Additional reclassification within the district overlay should meet a higher standard unless the city would like over 50% of the shoreline reclassified to PUD. We do not believe this was the intent of the shoreland district ordinance. We further believe that 25% impervious cover within the shoreland district of 7.25 acres on the Dayton Park Industrial Center is reasonable.
  - French Lake was initially designated as an Impaired Water due to excess nutrients; however, a TMDL was not completed because French Lake was determined to be a wetland system. The water quality of French Lake is a driver of the water quality on Diamond Creek, which flows out of the lake. Diamond Creek is impaired for excess nutrients and sediment as well as impaired fish and macroinvertebrate communities. Land use conversion of the upstream watershed has contributed to these impairments.

- This site plan, along with the French Lake Industrial Park, Troy Lane Parcel, Spaamen Property, the Commercial Strip, SW Area Business, French Lake Golf Course and the Kinghorn Industrial areas of Rogers are all highly dense industrial areas that account for major land use and grading impacts to the French Lake area of Dayton. To a large extent wetlands and open areas on these parcels are being removed and being replaced with 60% or greater impervious surfaces and manicured turf with little or no natural areas remaining. These changes will result in localized habitat loss, disconnection of habitat, warming of runoff, and microclimate impacts. The cumulative effect of the impact to natural resources within these approximately 350 acres, does not seem to be addressed.

Please contact me if you have any questions on this information.

Sincerely



James C. Kujawa

Technical Advisor to the Commission

Cc     Ross Mullen, ECWMC  
         Judie Anderson, ECWMC  
         Doug Baines, Dayton Commissioner, ECWMC



**ITEM:**

Dayton Park Industrial Center Environmental Assessment Worksheet (EAW)

**PREPARED BY:**

Jason Quisberg, Engineering

Jeff Madejczyk, Engineering

**POLICY DECISION / ACTION TO BE CONSIDERED:**

Postpone the decision on the need for an EIS for the Dayton Park Industrial Center

**BACKGROUND:**

Landspec, LLC is the owner of approximately 55 acres in southwest Dayton, generally located between Brockton Lane and East French Lake Road, just north of the Mobile Home Park. The proposed development of this property is expected to exceed the threshold for which preparation of an Environmental Assessment Worksheet (EAW), per Minnesota Rules Part 4410.4300, Subp. 14.A.(2), is required.

The property owner has, consistent with Minnesota Rules 4410.1500, prepared an EAW for the potential development referred to as the Dayton Park Industrial Center. The study was distributed for review, with the 30-day comment period ending September 9, 2021. Per MN Rules, the City of Dayton, as the Responsible Governmental Unit (RGU), has 30 days, from the end of the comment period, to consider comments received and issue a Decision if an Environmental Impact Statement (EIS) should be ordered (due to potential significant environmental impacts that may be anticipated as a result of the development). Therefore, a Decision is required by October 9, 2021.

Council action is required to effect the Decision. The "latest" Council meeting prior to this date is September 28<sup>th</sup>. City staff believes that additional information would be useful if evaluating several of the comments provided by reviewing agencies; and furthermore, that requiring a decision at the September 28<sup>th</sup> meeting does not allow sufficient time to obtain and consider any additional information.

Minnesota Rule 4410.1700 Subp. 2a.B provides the RGU authority to postpone the Decision, for up to 30 days, to allow for additional information to be obtained and considered. It is recommended that this provision be exercised for the Dayton Park Industrial Center EAW. It is anticipated the Decision will be recommended, and acted upon, at the October 12<sup>th</sup> Council meeting.

**RECOMMENDATION:**

Extend the decision period for on the need for an EIS for the Dayton Park Industrial Center by three (3) days to allow for the evaluation of additional information and to have the Decision made by Council at the next available regular Council meeting.

**ATTACHMENT(S):**

None

## Weston Commons

### Maple Grove Project #2021-033

#### Project Overview:

*Location:* Maple Grove, MN south of County Road No. 81, and north of 105<sup>th</sup> Ave North

*Purpose:* Development of a 72-unit single family attached residential site with associated sidewalks, street improvements and stormwater infrastructure

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

<p><b><u>Applicant:</u></b> U.S. Home Corporation DBA Lennar</p> <p><i>Address:</i> 16305 36<sup>th</sup> Ave N Ste 600 Plymouth, MN</p>	<p><i>Attention:</i> Paul Tabone</p> <p><i>Phone:</i> 952-221-4032</p> <p><i>Email:</i> <a href="mailto:paul.tabone@lennar.com">paul.tabone@lennar.com</a></p>
<p><b><u>Agent:</u></b></p> <p><i>Address:</i></p>	<p><i>Attention:</i></p> <p><i>Phone:</i></p> <p><i>Email:</i></p>

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	August 13, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	August 13, 2021
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	August 12, 2021
	<input checked="" type="checkbox"/> Review fee: \$4,050	August 13, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 10, 2021

#### Submittals

1. Drainage Narrative for Weston Commons, dated August 3, 2021 (revised August 31, 2021, September 15, 2021, and September 28, 2021), prepared by James R. Hill, Inc.
  - a. Geotechnical Evaluation Report, dated May 20, 2021, prepared by Braun Intertec
  - b. Wetland Delineation Report with Joint Application Form, dated September 12, 2017, prepared by Hakanson Anderson
  - c. Existing and Proposed HydroCAD models
  - d. Existing and Proposed Conditions P8 water quality model
2. Construction Drawings, dated August 2, 2021 (revised on August 31, 2021, September 7, 2021, and September 28, 2021), prepared by James R. Hill, Inc.

3. Preliminary Plat, dated June 8, 2021 and revised September 28, 2021, prepared by James R. Hill, Inc.
4. Preliminary Landscape Set, dated August 2, 2021, prepared by Calyx Design Group

## Findings

### General

1. A complete application was received August 13, 2021. The initial 60-day decision period per MN Statute 15.99 expires October 12, 2021. It was extended by an additional 60-days to present at the October 13, 2021 Commission meeting.
2. The applicant initially filed the project using the name Westin Commons, the site name was subsequently changed to Weston Commons.
3. The existing 10.63-acre parcel contains 0.12-acres of impervious surfaces as an office building, driveway, and parking for Northwood Community Church, while the remainder of the site is cropland. The site currently drains in two directions, additional discussion on the wetlands is included below:
  - a. Runoff to the north flows into wetlands adjacent to the Burlington Northern Railroad
  - b. Runoff to the south is routed along 105<sup>th</sup> Avenue to a wetland located on the southwest corner of the property.
4. The proposed construction includes 72 new slab on grade townhome units and associated sidewalks, street improvements and utilities with a disturbance of 10.92-acres.
5. The development will create 4.79 acres of impervious area, 4.67-acres of which is new impervious. Existing and proposed conditions HydroCAD models were created to model rate control.
6. A stormwater basin with iron-enhanced filter ring at the north end of the site will be constructed and function as volume, water quality, and rate control for the north discharge point of the site. Most of the site will be routed to this basin.
7. The stormwater basin with iron-enhanced filter ring will provide regional treatment for the Weston Commons site and portions of 105<sup>th</sup> Avenue when it is next reconstructed.
8. There are six wetlands within the project extents:
  - a. Wetland A, a type 1 wetland, in the northwest corner of the site will not be disturbed as part of the project and will receive discharge from the stormwater basin and filter ring BMP.
  - b. Wetland B, a type 1 wetland, on the north side of the site near the Burlington Northern Railroad will be entirely filled as part of the project (4,312 sq ft)
  - c. Wetland C, a type 1 wetland, on the north side of the site near the Burlington Northern Railroad will be entirely filled as part of the project (1,125 sq ft)
  - d. Wetland E, a type 1 wetland, in the center of the project site will be entirely filled as part of the project (2,229 sq ft)
  - e. Wetland F, a type 1 wetland, on the east edge of the project site will not be disturbed as part of the project
  - f. Wetland I, a type 1 wetland, on the southwest corner of the project site will not be disturbed as part of the project.
9. Because soil borings indicate sandy lean clay, fat clay and lean clay as underlying soils throughout the site including beneath the proposed basin footprints, infiltration is not feasible.
10. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

## **Rule D – Stormwater Management**

### **General**

1. The project will disturb 10.92 acres of a 10.63-acre parcel. There is a small amount of offsite disturbance on the property to the east for utility connections which also includes Northwoods Community Church office building and is the site of a planned church (ECWMC review 2021-043). The impervious area will be 4.79 acres, 4.67 acres of which is new impervious.
2. Soil boring logs indicate sandy lean clay, fat clay and lean clay.
3. These underlying soils are predominantly Hydrologic Soil Group Type C/D (low infiltration capacity). Groundwater was not encountered during boring.
4. Stormwater will be managed on the site via a stormwater basin with iron-enhanced sand filter ring.

### **Low Floor Elevations**

1. Low floors **meets** Commission requirements.
2. The low floor elevations of all lots are at least two feet above the 100-yr high water level (HWL) and at least one foot above the EOF for both the northern stormwater basin and the southwestern wetland.

### **Rate Controls**

1. Rate control **meets** Commission requirements.
2. Rate control for the site was provided by a stormwater basin with iron-enhanced sand filter ring bench on the north side of the property.
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each drainage point from the site. The rates are summarized in the table below:
4. The pond draws down within 48 hours.

**Table 1 Rate of Discharge Leaving Site**

<b>Direction</b>	<b>Condition</b>	<b>2-year (cfs)</b>	<b>10-year (cfs)</b>	<b>100-year (cfs)</b>
<b>North</b> <i>To Wetland A</i>	Pre-Project	9.7	20.0	43.9
	Proposed <sup>1</sup>	5.5	13.6	32.9
	<b>Change</b>	<b>-4.2</b>	<b>-6.4</b>	<b>-11.0</b>
<b>South</b> <i>To Wetland I along 105<sup>th</sup> Avenue</i>	Pre-Project	7.0	13.2	26.7
	Proposed <sup>1</sup>	3.0	5.5	10.8
	<b>Change</b>	<b>-4.0</b>	<b>-7.7</b>	<b>-15.9</b>

<sup>1</sup> Based on ECWMC technical staff HydroCAD model revisions

### **Abstraction Controls**

1. Abstraction controls **meet** Commission requirements.
2. Net, new impervious areas will be 4.67-acres from the Weston Commons site and 1.08-acres from the future 105<sup>th</sup> Avenue redevelopment, requiring abstraction of 22,977 cubic feet.

3. Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils.
4. The stormwater basin provides 28,346 cubic feet of abstraction.
5. The permeant pool provides storage of the stormwater basin to hold runoff of a 2.5-in storm event and exceeds the 4-foot minimum average depth requirement.

#### Water Quality

1. Water quality **meet** Commission requirements.
2. The applicant used P8 model to simulate pollutant removal by the filtration system.
3. The applicant provided water quality requirement by providing dead storage of the stormwater basin to hold runoff of a 2.5-in storm event and filtration capacity of 1.1-in of runoff.

**Table 2 Water Quality Summary<sup>1</sup>**

	<b>Annual Runoff Vol. (ac-ft)</b>	<b>Abstraction Vol. (cubic feet)</b>	<b>TP (lbs/year)</b>	<b>TSS (lbs/year)</b>
Pre-Project	12.3	N/A	9.3	2565
Proposed (w/o BMP's) <sup>1</sup>	18.5	N/A	19.1	5571
Proposed (w/ BMP's) <sup>1</sup>	18.5	28,346	4.3	435
<b>Change</b>	<b>+6.3</b>	<b>+28,346</b>	<b>-5.0</b>	<b>-2130</b>

<sup>1</sup> Reflects ECWMC technical staff independent analysis for 2007-2017 period

#### Operation and Maintenance

Because the stormwater basin with filter ring is a regional basin that also provides stormwater treatment for a portion of 105<sup>th</sup> Avenue, the city of Maple Grove intends to operate and maintain the basin.

#### Rule E – Erosion and Sediment Control (plans)

1. Plans **meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
  - a. Rock construction entrance
  - b. Silt fence
  - c. Double silt fence adjacent to delineated wetland boundaries
  - d. Catch basin inlet protection
  - e. Stabilization of disturbed soil areas.

#### Rule G– Wetland Alterations

1. Wetland alterations **meet** the Commission's requirements
2. Three existing wetlands on site will be filled, one entirely filled and two partially filled. The wetland impacts are 4,312 sq ft, 1,225 sq ft, and 2,229 sq ft for total wetland impacts onsite of 7,766 square feet.

3. The wetlands are to be replaced at 2:1 as part of the project, with 7,766 sq ft of wetland credits purchased at two different wetland banks: #1560 and 1664 (total of 15,532 cf of credits).
4. The city of Maple Grove is the LGU in charge of administering the Minnesota Wetland Conservation Act and has approved the replacement.

#### **Rule I– Buffer Strips**

1. Plans **meet** Commission requirements for buffer strips.
2. The buffer strip average width is greater than 25-feet wide with a slope shallower than 6:1 (horizontal : vertical) and therefore will meet the Commission's minimum (10 feet) and average (25 feet) standard.
3. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
4. Wetland buffer monumentation will meet the Commission's requirements.

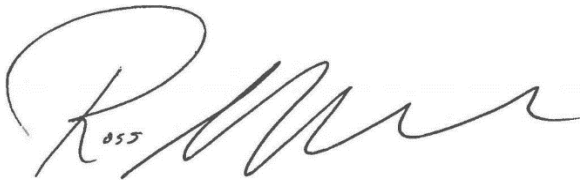
#### **Recommendation**

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 Wenck (now part of Stantec Consultants, Inc.)  
Advisor to the Commission

A handwritten signature in black ink, appearing to be "R. M. Wenck". The signature is fluid and cursive, with a large initial "R" and "M".

9/30/2021  
Date

#### **Attachments**

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

Figure 1 Project Location

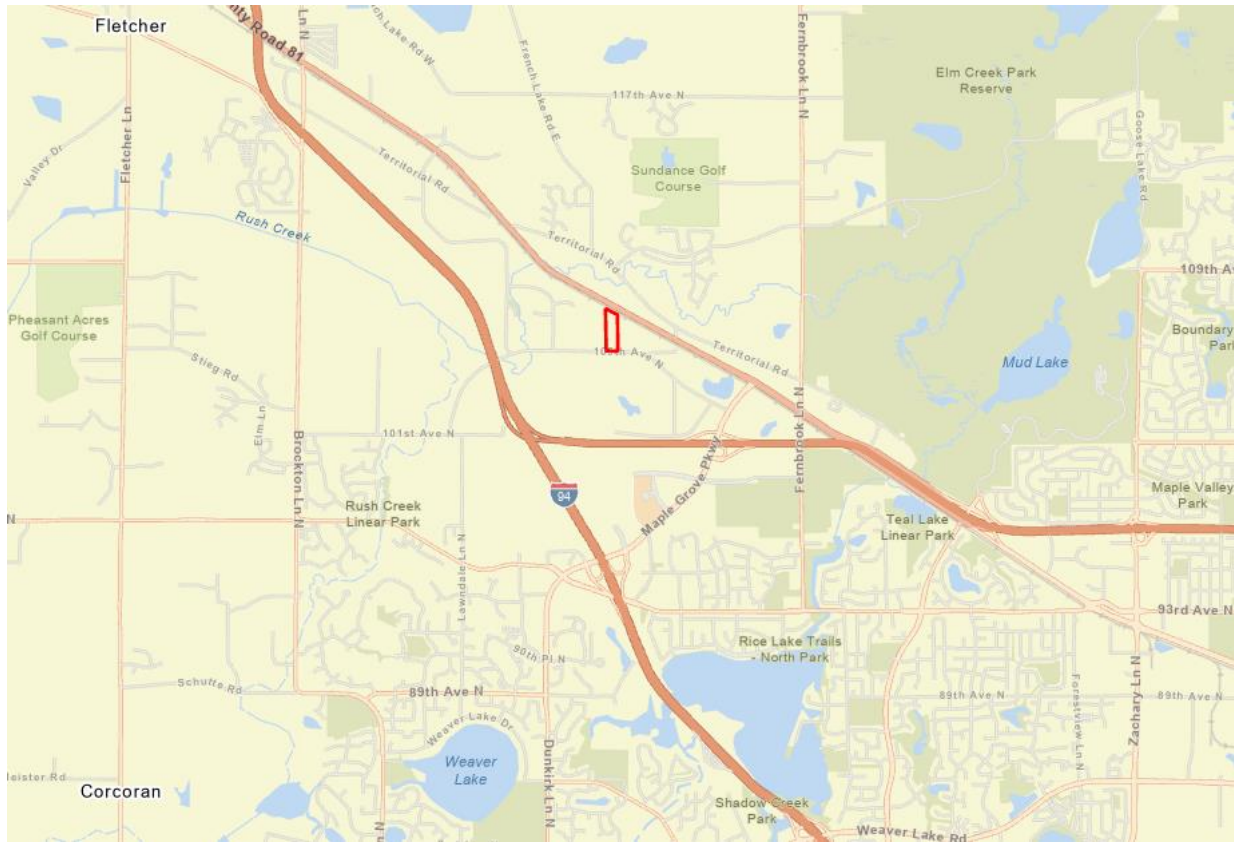
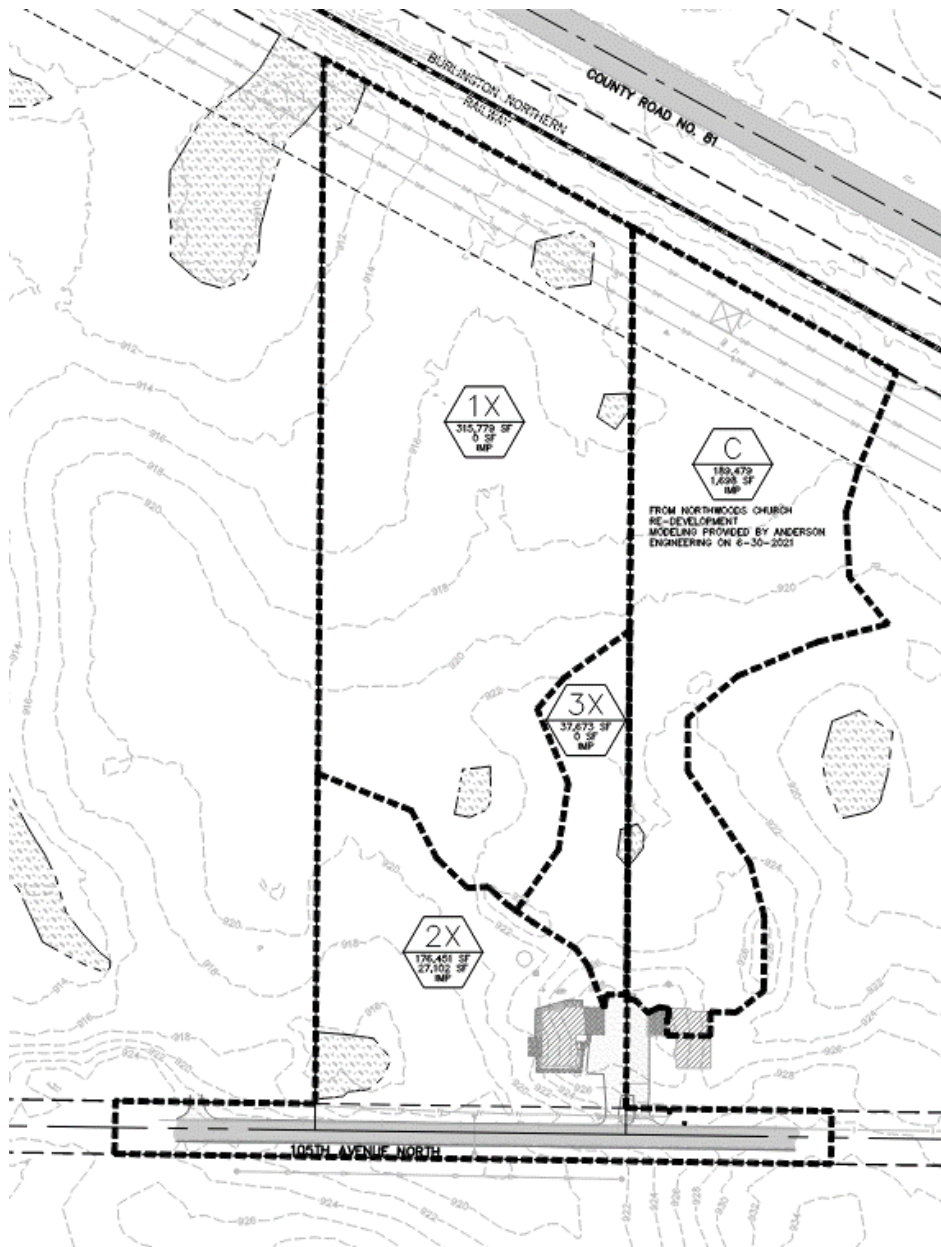


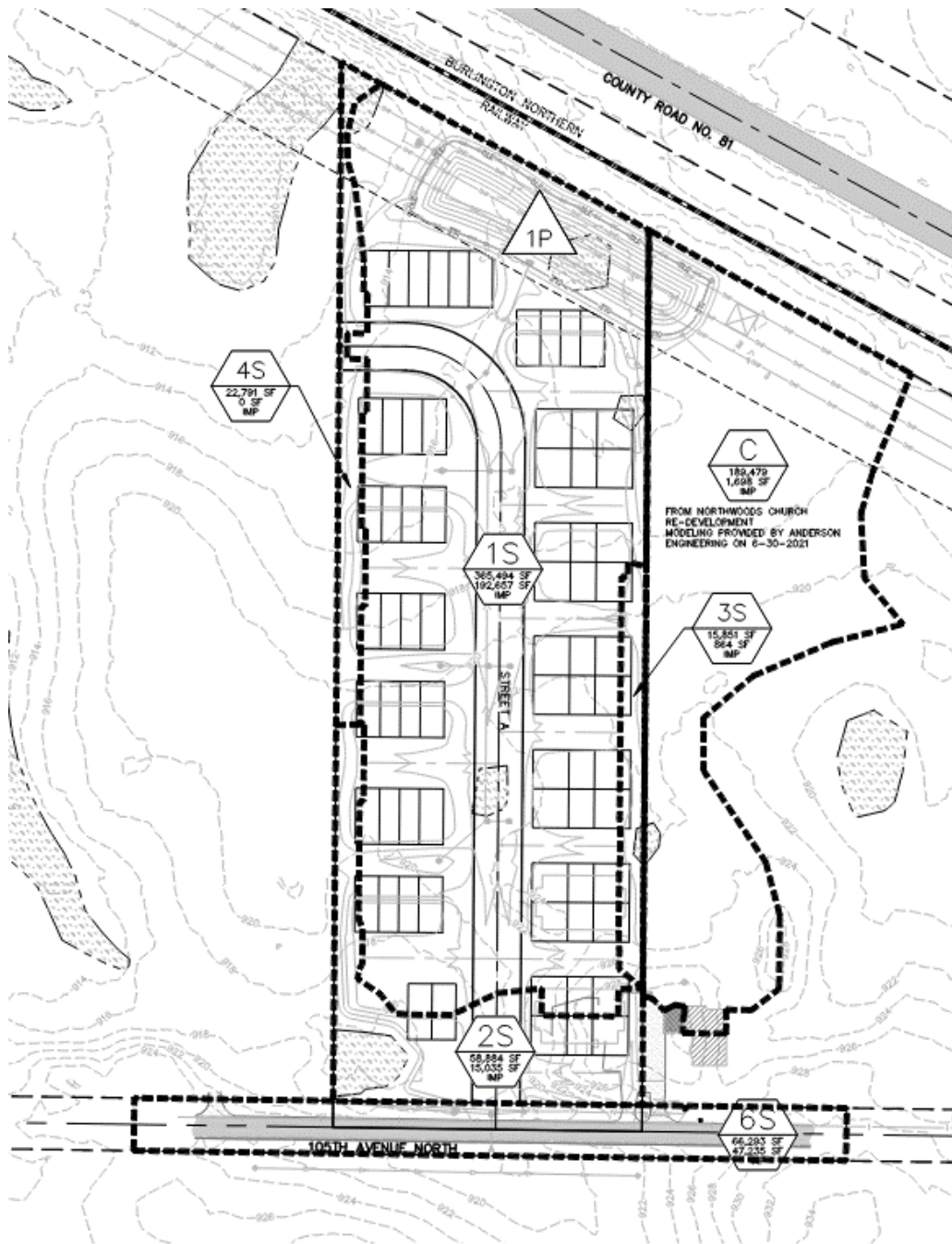


Figure 2 Existing Drainage Map



EXISTING DRAINAGE MAP

Figure 3 Proposed Drainage Plan



## PROPOSED DRAINAGE MAP

## BAPS Hindu Temple Medina Project #2021-034

### Project Overview:

*Location:* On the north side of Hamel Road, one parcel to the east of Arrowhead Drive in Medina, MN

*Purpose:* Construction of a two-story religious Temple and Community Center

*WMC Rules Triggered:*

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

<p><b><u>Applicant:</u></b> BAPS Minneapolis LLC</p> <p><i>Address:</i> 2300 Freeway Blvd, Brooklyn Center Mn 55430</p>	<p><i>Attention:</i> Asit Waghani</p> <p><i>Phone:</i> 952-457-9500</p> <p><i>Email:</i> mc.minneapolis@usa.baps.org</p>
<p><b><u>Agent:</u></b> Sambatek</p> <p><i>Address:</i> 12800 Whitewater Drive, Suite 300 Minnetonka, MN 55343</p>	<p><i>Attention:</i> Pete Moreau</p> <p><i>Phone:</i> 763-398-0858</p> <p><i>Email:</i></p>

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	August 20, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	August 16, 2021
	<input checked="" type="checkbox"/> City authorization: Medina, MN	August 13, 2021
	<input checked="" type="checkbox"/> Review fee: \$4,050	August 17, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 20, 2021

### Submittals

1. Letter of Transmittal, prepared by Sambatek dated August 20, 2021.
2. Project Narrative for Site Plan Review Request, prepared by Sambatek dated August 19, 2021 (revised August 20, 2021).
3. Preliminary Stormwater Management Plan, prepared by Sambatek dated August 19, 2021 (revised on August 20, 2021).
  - a. Stormwater Management Analysis and Results
  - b. HydroCAD Modeling report for existing and proposed conditions
  - c. Existing and proposed drainage maps

4. Preliminary Site Development Plans, prepared by Sambatek dated August 19, 2021 (revised August 20, 2021).
5. Wetland De Minimis Exemption Application, prepared by Sambatek dated August 16, 2021.
6. The ECWMC received the initial application on August 13, 2021; however, City staff indicated that the applicant was completing significant design revisions and to delay the project review until the revisions were received. Received August 20, 2021.

## Findings

### General

1. An initial application was received on August 20, 2021. The initial 60-day decision period per MN Statute 15.99 expires October 19, 2021.
2. The existing site is a farmstead with a single-family home (with basement), a 300 sq ft shed, and a 15,600 sq ft barn (total of 0.41-acres of impervious). Runoff from the existing site flows in two directions, the largest area flows to the east into a wetland, and the other area flows to the west into a smaller wetland. The west wetland flows to the larger east wetland and ultimately discharges to a ditch that flows along the Canadian Pacific Railroad into Elm Creek.
3. The proposed BAPS Hindu Temple includes construction of a 3.81-acres of impervious surfaces on site, an increase of 3.4- acres of impervious. The site will include a 38,000 sf building, adjacent parking lots, sidewalks, and three biofiltration basins. Existing and proposed conditions HydroCAD models were created to model rate control of the 2-, 10-, and 100-year critical storm events.
4. Three stormwater biofiltration basins with iron-enhanced sand filters will be located on site and will ultimately discharge to the two existing wetlands. The three constructed basins will function as rate, volume, and water quality control for the site's stormwater.
5. A large wetland is located in the east portion of the site and will not be disturbed as part of construction. A smaller wetland is located in the southwest portion of the site. A small portion (722 sf) of the west wetland is located in the proposed access drive, but the impact is not enough to trigger wetland replacement due to the approved Wetland De Minimis Exemption.
6. There are no Elm Creek Watershed regulatory base floodplains within the site. A mapped FEMA 500-year floodplain extends onto the northeast corner of the site.

### Rule D – Stormwater Management (plans)

#### **Low Floor Elevations**

1. Low Floor elevations **meet** Commission standards.
2. The 100-year flood elevation in the three infiltration basins is 996.5, 995.7, and 996.8 ft for ponds 1F, 2F, and 3F, respectively. The finished floor elevation (FFE) for the proposed building is at 1002.0 ft, which is greater than five feet of freeboard for the 100-year critical storm, which satisfies the 2-foot 100-year freeboard requirement. The FFE is also at least five feet above all EOF elevations which satisfies the 1-foot requirement for EOF of a pond.

#### **Rate Controls**

1. Rate control measures **meet** Commission standards.
2. Rate control for the site was provided by the three constructed biofiltration basins.
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized in Table 1.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
Inflow to the East Wetland	Existing	33.5	67.2	146.5
	Proposed	25.4	56.9	117.2
	<b>Change</b>	<b>-8.1</b>	<b>-10.3</b>	<b>-29.3</b>
Inflow to the West Wetland	Existing	8.4	16.7	36.4
	Proposed	7.4	14.7	31.9
	<b>Change</b>	<b>-1.0</b>	<b>-2.0</b>	<b>-4.5</b>

### Abstraction Controls and Water Quality

1. Abstraction controls and water quality criteria **do not meet** Commission requirements.
2. Net new impervious areas will be 3.40 acres requiring abstraction of 13,576 cubic feet.
3. Total filtration volume provided for 1.1 inches of runoff from impervious areas is 25,795 cubic feet between the three filtration basins (1F, 2F, and 3F).
4. The applicant stated that they were unable to schedule geotechnical soil borings for the site before late fall. The watershed requires soil borings at the locations of the proposed BMP's to assess for infiltration capacity. The applicant has stated they are confident soils borings will demonstrate that the soils are not conducive to infiltration and are therefore proposing biofiltration with an iron-enhanced sand filter to provide abstraction and to meet water quality criteria. Soils borings and a geotechnical report will be a condition of this approval.
5. The applicant used a MIDS model to demonstrate water quality compliance

Table 2 Abstraction and Water Quality Summary<sup>1</sup>

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet) <sup>2</sup>	TP (lbs/year)	TSS (lbs/year)
Pre-Project	3.46	N/A	2.8	513
Proposed (w/o BMP's)	9.21	13,576 ( <i>required abstraction</i> )	7.5	1365
Proposed (w/ BMP's)	9.21	25,795	2.6	205
<b>Change</b>	<b>+5.75</b>	<b>+12,219</b>	<b>-0.2</b>	<b>-308</b>

<sup>1</sup> Applicant assumes biofiltration with an iron-enhanced sand filter will provide abstraction control and meet water quality. Applicant assumes all risk for reconstruction of the BMP's if soil borings show soils are conducive to infiltrations.

### Operation and Maintenance

A stormwater maintenance agreement with the city will be a condition of this approval.

### **Rule E – Erosion and Sediment Control (plans)**

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

### **Rule G– Wetland Alterations**

1. Wetland alterations **meet** the Commission's requirements through the Wetland De Minimis Exemption approval.
2. The City of Medina is the LGU in charge of administering the Minnesota Wetland Conservation Act. The wetland has been classified as a Type 1 wetland.
3. The project impacts 722 square feet of wetland to construct the site access. The Minnesota Wetland Conservation Act allows up to 1,000 square feet of impacts for Wetland Types 1, 2, or 6 to be eligible for a Wetland De Minimis Exemption.
4. Pretreatment of all discharge into the two wetlands on-site is provided by the three biofiltration basins.

### **Rule I– Buffer Strips**

1. Plans **meet** Commission requirements for buffer strips.
2. The average buffer strip width exceeds 25-feet wide and the minimum is 10-feet along the retaining wall, which meets the Commission's standards.
3. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
4. Wetland buffer monumentation meets the Commission's requirements.

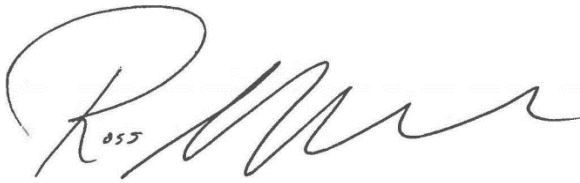
## **Recommendation**

Contingent 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. The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded.
3. A geotechnical report is provided documenting soil conditions are not conducive to infiltration (Hydrologic Soil Groups C or D) or the groundwater elevation is within three feet of the bottom of the basin. The applicant assumes all risk for reconstruction of the BMP's if soil borings show soils are conducive to infiltrations.

On Behalf of Wenck (now part of Stantec Consultants, Inc.)  
Advisor to the Commission

A handwritten signature in black ink, appearing to be "R. 055" followed by a stylized, cursive signature.

October 4, 2021  
Date

## **Attachments**

- |          |                          |
|----------|--------------------------|
| Figure 1 | Project Location         |
| Figure 2 | Existing Drainage Map    |
| Figure 3 | Proposed Drainage Plan   |
| Figure 4 | Erosion and Control Plan |



Figure 1 Project Location

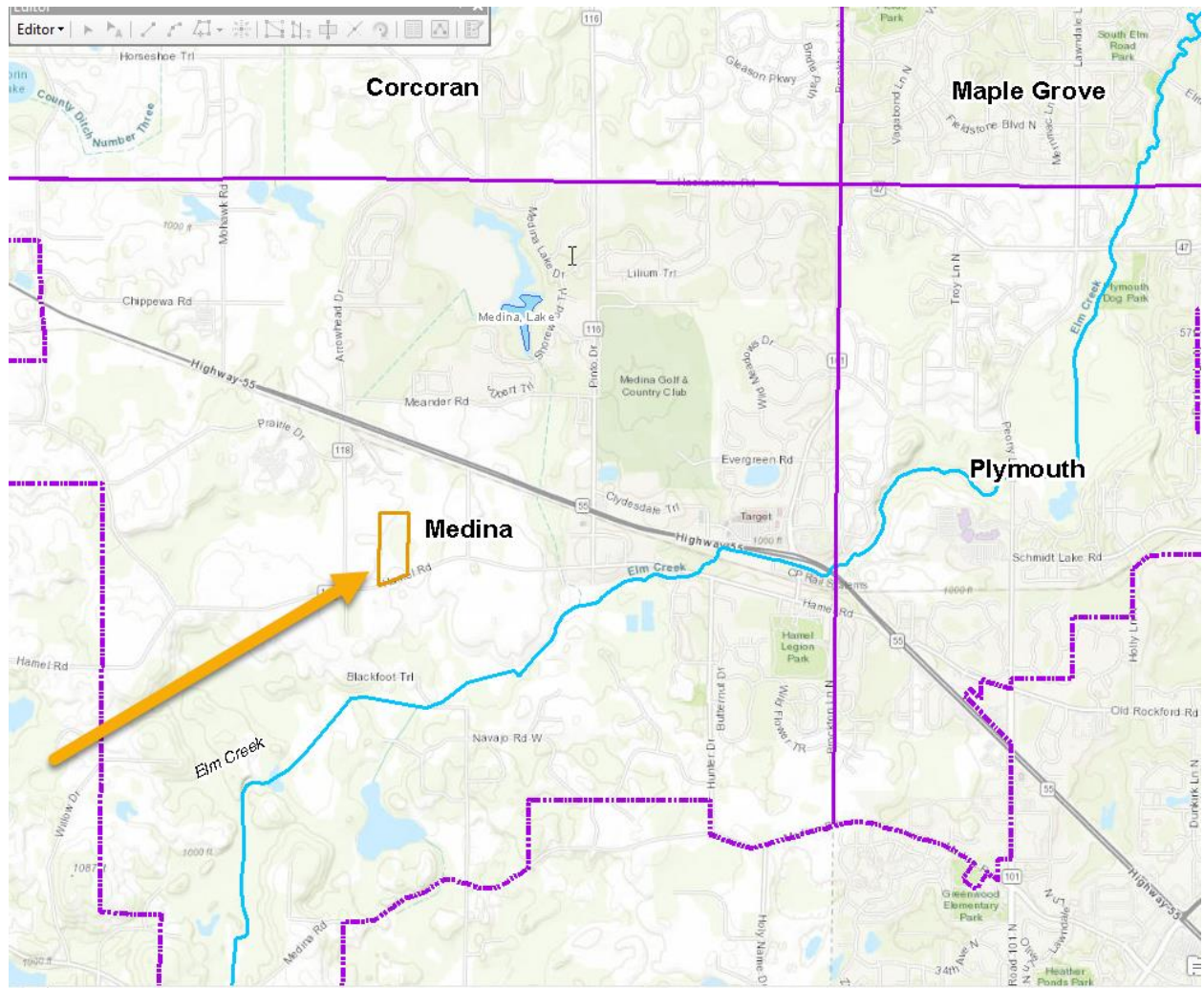


Figure 2 Existing Drainage Map

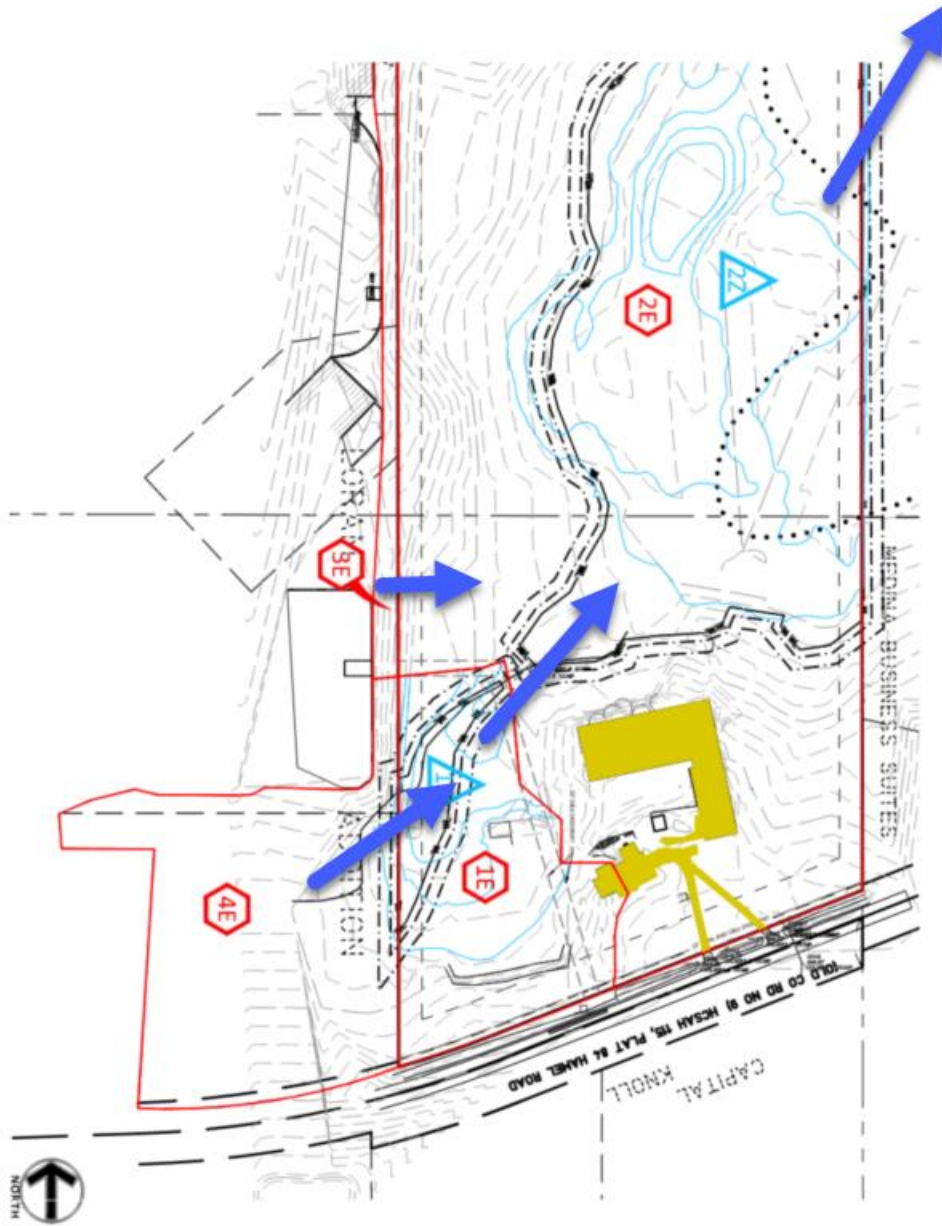
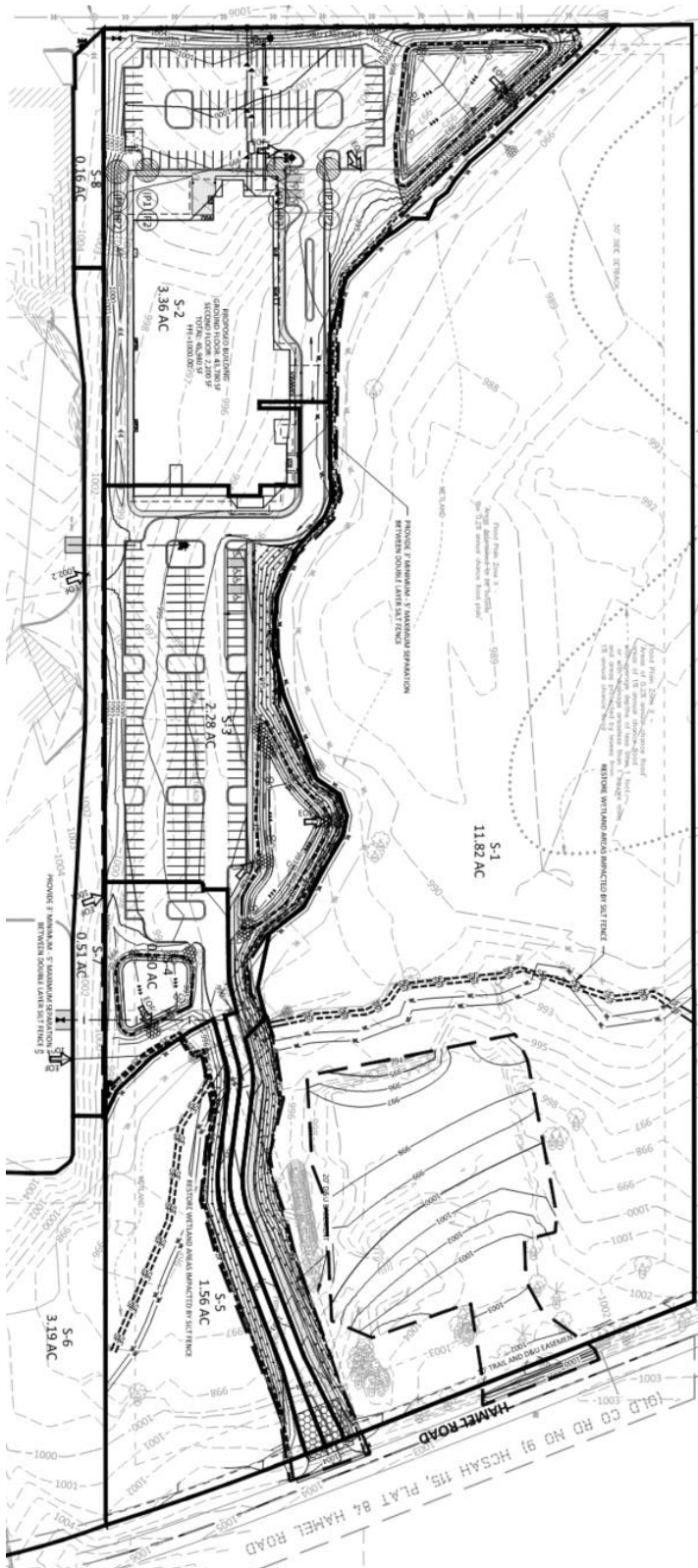


Figure 3 Proposed Drainage Plan





### Figure 4 Erosion and Control Plan



**D&D Service**  
**Corcoran, Project #2021-036**

**Project Overview:**

*Location:* Construction of a 4,000-4,200 square foot office-warehouse and a 9,200-9,600 square foot warehouse with parking lot and class 5 equipment parking area on a 16.54 acre parcel at the southeast corner of County Road 19 and Woodland Rail in Corcoran.

*Purpose:* The applicant is proposing to add the two buildings and associated parking, equipment storage areas and stormwater management for the site. The proposal creates 5.5 acres of new impervious areas and disturbs 14.2 acres. The site is currently farm land and wetlands and drains to the southwest to Rush Creek.

*ECWMC Rules Triggered:*

X	Rule D	Stormwater Management
X	Rule E	Erosion and Sediment Control
	Rule F	Floodplain Alterations
X	Rule G	Wetland Alteration
	Rule H	Bridge and Culvert Crossings
X	Rule K	Variance

<b><u>Applicant:</u></b>	D&D Service	<b><u>Attention:</u></b>	K Griffin
<b><u>Address:</u></b>	950 County Hwy 10, Suite 216 Spring Lake Park, MN 55432	<b><u>Phone:</u></b>	651-755-2228
		<b><u>Email:</u></b>	kgriffin@dd-service.com

<b><u>Agent:</u></b>	Amcon Construction	<b><u>Attention:</u></b>	Wayde Johnson
<b><u>Address:</u></b>	6121 Baker Road Suite 101 Minnetonka, MN 55379	<b><u>Phone:</u></b>	612-220-0153
		<b><u>Email:</u></b>	<a href="mailto:wjohnson@amconconstruction.com">wjohnson@amconconstruction.com</a>

<b>Exhibits:</b>	<b>Description</b>	<b>Date Received</b>
<i>Application</i>	<input type="checkbox"/> Complete ECWMC Application	7/14/2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	7/14/2021
	<input type="checkbox"/> City authorization: Corcoran	7/xx/2021
	<input checked="" type="checkbox"/> Review fee: \$4,050	7/14/2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	7/14/2021

*Submittals*

1. Application dated 7/14/2021.

2. Stormwater Management Plan Memo dated July 9, 2021 by Quetica.
3. Design Plans Dated 5/21/2021 by Quetica
4. Project HydroCAD model output for existing and proposed land use dated 8/12/2021.
5. Geotechnical Report dated July 26, 2019 from Chosen Valley Testing and USGS soils report dated March 11, 2021.
6. Response to Commission staff 8/28/2021 comments with resubmittals on September 15, and 29<sup>th</sup> of 2021 of the above items.
7. Revised grading plan dated October 4, 2021 with response to comments.
8. Revised HydroCAD model October 6, 2021.

## Findings



Figure 1. Existing Conditions

## General

1. A complete application was received August 12, 2021. The initial 60-day decision period per MN Statute 15.99 expires October 11, 2021. Revised submittals were received September 15, 2021 addressing Commission staff comments.
2. The proposed project includes construction of a 4,000-4,200 square foot office-warehouse and a 9,200-9,600 square foot warehouse with parking lot. A future phase class 5 equipment parking area is NOT included in permitting at this time, and a new permit application would be needed to construct this future phase. The parcel is 16.54 acres located at the southeast corner of County Road 19 and Woodland Rail in Corcoran.



3. The proposal creates 5.5 acres of new impervious areas and disturbs 14.2 acres. The site is currently farm land and wetlands and drains to the southwest to Rush Creek.
4. There are 5 wetlands on site ranging in size from 0.03 acres to 0.14 acres. The project proposal does not directly impact the wetland though the tributary watersheds do change, newly impervious is routed to the proposed NURP ponds and then to the wetlands. Modeling did not address change in bounce or hydrology to the wetlands.

## **Rule D – Stormwater Management**

### **General**

1. The proposed project is adjacent to Rush Creek.
2. One NURP pond and one biofiltration pond are proposed to meet rate control, water quality and infiltration requirements.
3. The soils on the site are predominantly Hydrologic Soil Groups Type C/D based on NCRS Soil maps, the findings are validated by 6 soil borings collected showing sandy lean clay.
4. The Lowest Floor Elevation (1,003.5) meets the separation requirements from high water level (998.89) and emergency overflow (999.89) for the proposed NURP pond and bio filtration basin (HWL=995.67, EOF 996.67).

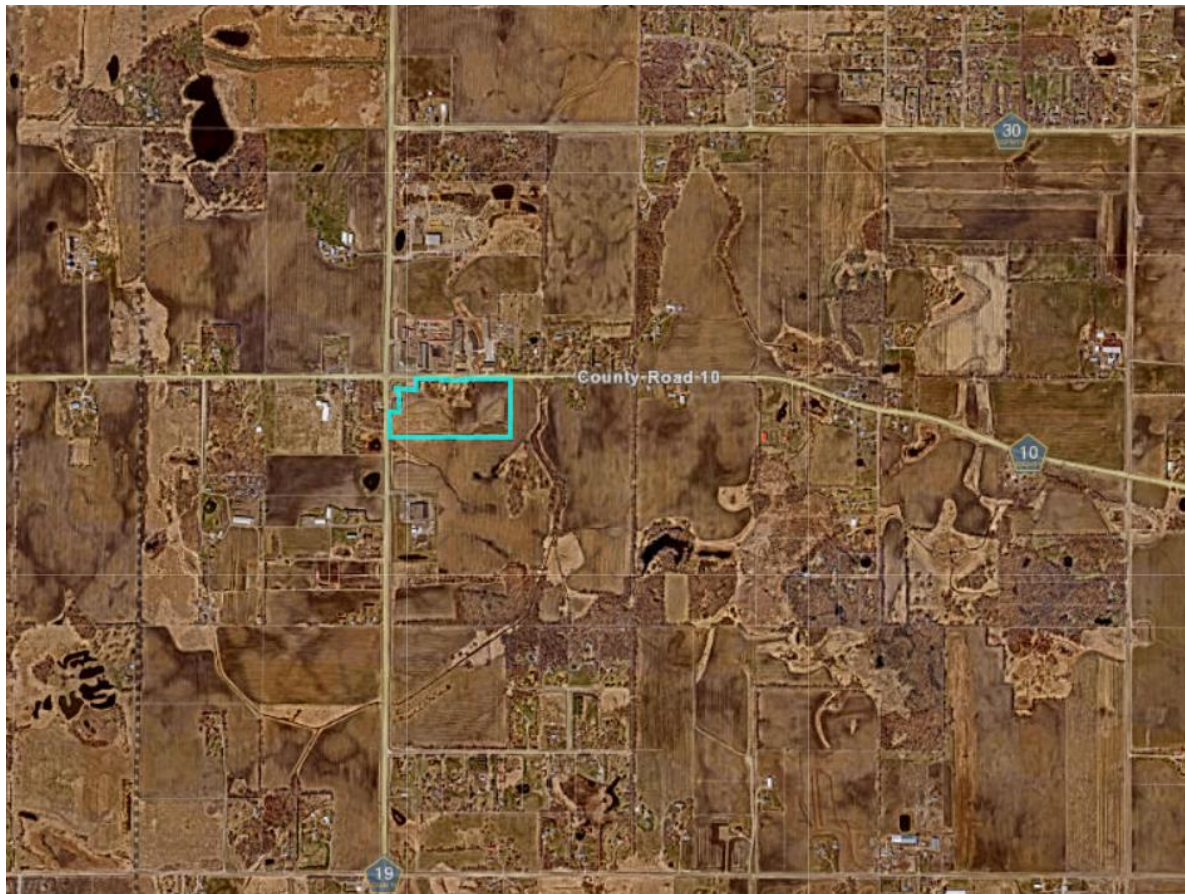


Figure 2. Parcel Location



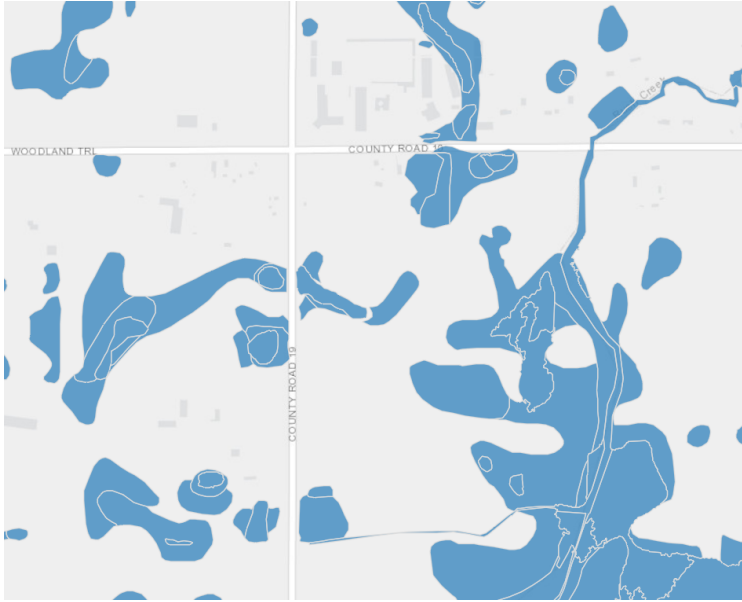


Figure 3. Floodplain



Figure 4a. Existing Drainage

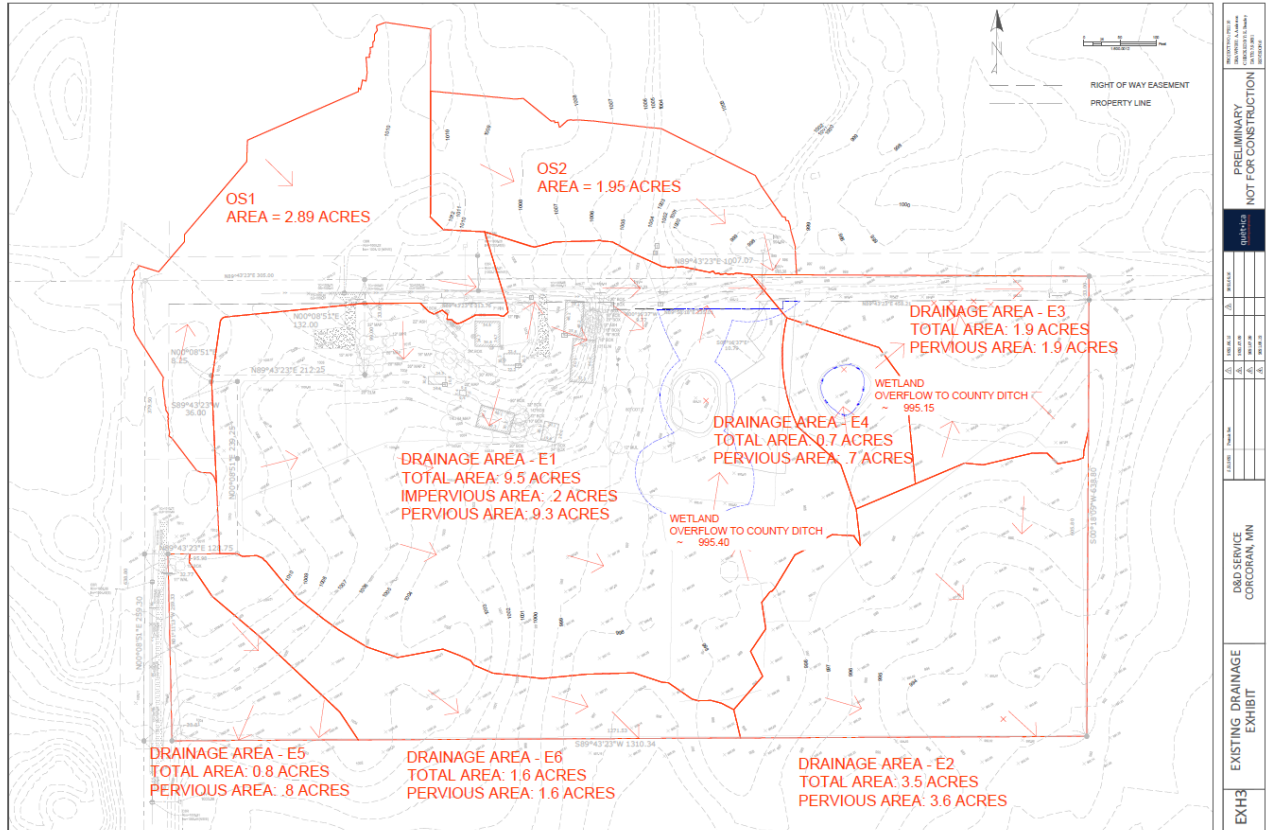


Figure 4b. Existing modeled drainage

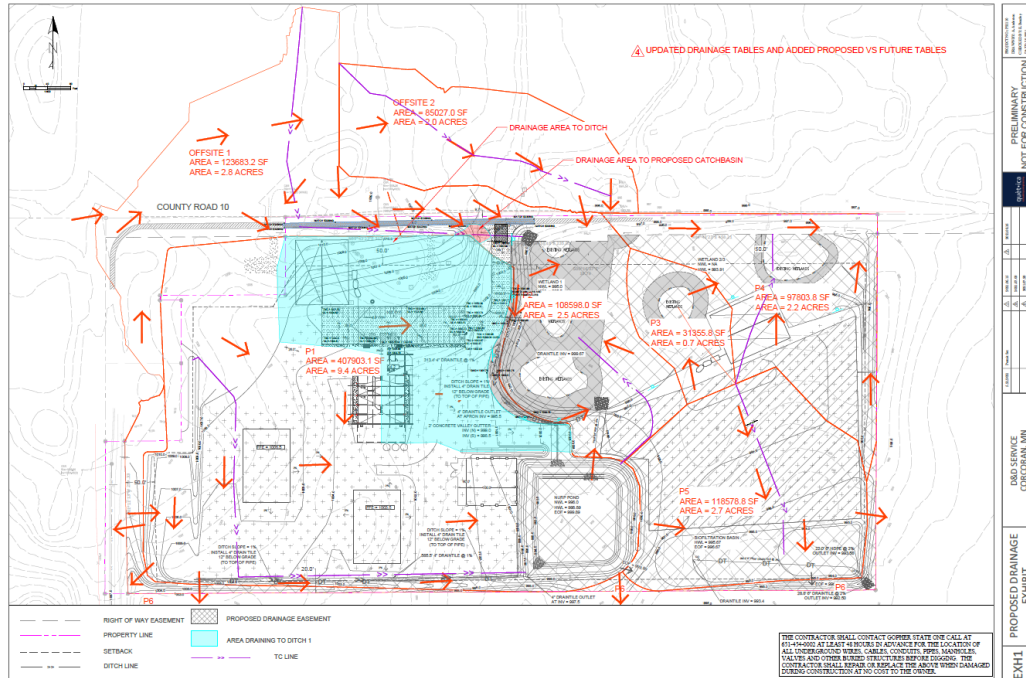


Figure 5. Project Proposed Drainage (Drawings will be updated by applicant)

### Water Quality Controls

1. Water quality controls **meet** Commission requirements through NURP ponding and biofiltration.
2. Soils are not conducive for infiltration, opportunities existing for filtration on site.
3. The applicant's calculation for water quality loads are estimated using land used based event mean concentrations within HydroCAD. Their reported reductions appear to be derived from strictly from converting crop land to impervious. The EMC's used for estimating the existing load is about 3 times higher than commission guidelines. Applicant's calculations don't take into account load reductions from the NURP (which is designed with over 2.5" of dead storage for 2.5" of runoff over the drainage area), or the biofiltration area.
4. Staff calculations estimate existing and proposed condition TP and TSS load and a NURP pond load reduction based on their design indicates that the post construction TP and TSS loading will be lower than existing loads.

	TP (lbs/ year)			TSS (lbs/ year)		
	Existing	Proposed NO BMPS	Proposed, NURP Pond	Existing	Proposed (NO BMPS)	Proposed, NURP Pond
Loads (lbs/ year)	21.2	27.8	19.5	3,544	3,654	2,010

Table 1. Water Quality (Staff calculation)

### Rate Controls

1. Rate controls **meet** Commission requirements.
2. Most runoff from the site drains to wetlands on site or to Rush Creek to the west/ south.
3. An updated HydroCAD model was provided September 15, 2021 for review and October 6, 2021. The new model was consistent with site existing and proposed conditions.

	2 yr		10 yr		100 yr	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
CR 10 ROW	25.06	14.55	61.50	42.23	116.76	80.48
Southeast	12.75	1.06	28.16	2.74	54.44	5.96
Total	37.81	15.61	89.66	44.97	171.20	86.44

Table 2. Rate Control, CFS

### Abstraction Controls

1. Abstraction controls **meet** Commission requirements.
2. New impervious areas will be 5.5 acres requiring infiltration (or filtration) of 21,962 cubic feet.
3. The applicant is proposing a filtration bench on the NURP pond.

### Rule E – Erosion and Sediment Control

The applicant provided an erosion and sediment control plan that **meets** Commission requirements.

### Rule G – Wetland Alteration

Applicant indicates there are wetland impacts associated. No construction activities are proposed within the existing on-site wetlands. The drainage areas, peak elevations and runoff volumes will change for the wetlands on site. Modeled wetland 1 (map wetland 3,4,5) shows the biggest reduction in elevation (potential impact). Reviewer suspects this is to do different treatment of the modeled outlets (see Broad Crested weir). Applicant should review this to ensure this is not causing significant differences in elevation/ bounce).





Figure 6. Wetlands on site

	2 yr		10 yr		100 yr	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
Model W 1 (3,4,5)	995.65	995.0	995.86	995.14	996.3	995.61
W2 (2)	995.19	995.17	995.22	995.19	995.26	995.26
W3 (3)	992.62	992.62	992.99	993.05	993.37	993.44

Table 3. Wetland Impacts (elevation)

### Rule H – Bridge and Culvert Crossings

NA

### Rule I – Buffer Strips

- The applicant provides greater than the minimum of 10' buffers around the wetlands on site, and greater than the 25" average buffer required.

**Considerations:**

- The project does NOT meet several Commission standards with the Class 5 Lot which is proposed for future use. Any commission approval given at this time does NOT include installation of the class 5 lot. Installation of a Class 5 lot would require pre-treatment prior to any runoff from that area routed to bio-filtration.

**Recommendation**

Motion: Staff recommends approval of #2021-036 contingent on with the following condition(s):

1. *Approval is contingent upon payment of all review fees. Additional payment may be required is the review cost exceeds escrow payment(s) submitted by the applicant.*
2. *Corcoran TEP approval the Wetland Mitigation Plan and the city maintains a drainage and utility easement for existing and proposed on site wetlands.*
3. *Applicants shall consider and respond to staff comments on plan and provide final data prior to approval.*
4. *The applicant respond to any City comments.*
5. *The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded.*

The applicant has requested staff approval to begin grading, which may be provided in advance of the Commission meeting if comments are addressed.

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

10/6/2021  
Date

## I-94 Logistics Center Rogers Project #2021-039

### Project Overview:

**Location:** Brockton Lane north, north of County Road No. 81 and between Interstate 94 and Brockton Ln N, approximately half a mile to the west of French Lake in Rogers, MN.

**Purpose:** Construction of a new warehouse and associated parking lot, loading dock area and stormwater infrastructure

**WMC Rules Triggered:**

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

**Applicant:** Endeavor Development

**Address:** 200 Southdale Center  
Minneapolis

**Attention:**

**Phone:** 952-210-5870

**Email:** [josh@endeavorshield.com](mailto:josh@endeavorshield.com)

**Agent:** Anderson Engineering

**Address:** 13605 1<sup>st</sup> Ave N. #100  
Plymouth

**Attention:** Brian Field

**Phone:** 763-412-4000

**Email:** Bfield@ae-mn.com

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	August 25, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	August 24, 2021
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	August 20, 2021
	<input checked="" type="checkbox"/> Review fee: \$4,050	August 24, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 25, 2021

### Submittals

1. Plan set, 15 sheets, dated August 23, 2021, prepared by Anderson Engineering
2. Stormwater Management Plan, dated August 25, 2021, prepared by Anderson Engineering
3. Geotechnical report, dated August 23, 2021, prepared by Vieau Associates Inc.
4. Wetland permit application findings and recommendations, dated June 2, 2015, prepared by Kjolhaug Environmental Services Company



## Findings

### General

1. A complete application was received August 25, 2021. The initial 60-day decision period per MN Statute 15.99 expires October 24, 2021.
2. The existing 30.91 acres are undeveloped areas covered by natural vegetation. The only impervious area on the parcel is the paved roadway from the development in the south. The site currently drains offsite in three directions:
  - a. North into the existing wetland,
  - b. Northeast into the existing Clam Corporation pond, and
  - c. East towards the Brockton ditch.
3. The proposed construction includes a new warehouse building and associated parking. A stormwater basin with filter bench is proposed on the northwest side of the site.
4. The development will create 12.57 acres of impervious area, 12.55 acres of which is new. The parcel is 30.91 acres, and the disturbance is 16.57 acres. Existing and proposed conditions HydroCAD models were created to model rate control.
5. A stormwater basin in the northwest corner of the site will be constructed and function as volume, water quality, and rate control for the north discharge point of the site. The stormwater basin includes a filter bench with iron-enhanced filings to improve water quality.
6. Fill is proposed for a portion of a wetland at the site.
7. Because soil borings indicate sandy silty clay, clayey sand and lean clay as underlying soils throughout the site and beneath the proposed basin bottom, infiltration is not feasible.
8. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings.

### Rule D – Stormwater Management (plans)

#### **General**

1. The project will disturb 16.57 acres of a 30.91-acre parcel. The impervious area will be 12.57 acres, 12.55 acres of which is new impervious.
2. Soil boring logs indicate sandy silty clay, clayey sand and lean clay.
3. These underlying soils are predominantly Hydrologic Soil Group Type D (very low infiltration capacity). Groundwater was not encountered during boring.
4. In HydroCAD model, the filtration should be modeled and routed to the primary outlet since it will contribute to the pond discharge.

#### **Low Floor Elevations**

1. Low floors **meet** the Commission requirements for at least two feet of freeboard about the 100-year high-water level and one foot above the EOF.
2. The 100-year high-water level at the pond is 936.1-feet, the warehouse finish floor elevation is at 947.2-feet.

#### **Rate Controls**

1. Rate control **meets** Commission requirements.

2. Rate control for the site was provided by a stormwater basin with filtration bench on the northwest side of the property.
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each drainage point from the site. The total to north wetland includes the outflow from the stormwater pond and the direct runoff. The rates are summarized in the table below:

**Table 1 Rate of Discharge Leaving Site**

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
To Clam Pond	Pre-Project	1.7	3.5	7.6
	Proposed	0.8	1.5	2.8
	<b>Change</b>	<b>-0.9</b>	<b>-2.0</b>	<b>-4.8</b>
To Brockton Ditch	Pre-Project	1.6	3.3	7.2
	Proposed	0.3	0.7	1.4
	<b>Change</b>	<b>-1.3</b>	<b>-2.6</b>	<b>-5.8</b>
To North Wetland	Pre-Project	13.6	27.4	60.
	Proposed	8.9	25.9	58.4
	<b>Change</b>	<b>-4.7</b>	<b>-1.5</b>	<b>-1.6</b>

#### Abstraction Controls and Water Quality

1. Abstraction controls **meet** Commission requirements.
2. New impervious areas will be 12.55 acres requiring abstraction of 50,112 cubic feet.
3. Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils.
4. The applicant proposes to use a stormwater pond with filter bench to provide abstraction and meet water quality criteria by filtration through an iron-enhanced sand filter.
5. The applicant used MIDs water quality calculator to simulate pollutant removal by the filtration system and stormwater basin.
6. The current land use is undeveloped open space, aerial photography from the last 10-years shows the area was cropland until very recently. Per Elm Creek WMC rules, cropland is considered the pre-project land cover.
7. The applicant provided water quality requirement by providing dead storage of the stormwater basin to hold runoff of a 2.5-in storm event and filtration capacity of 1.1-in of runoff. The pond meets the Commission standards for wet pond depth.
8. Pretreatment to the filtration is provided by a 4' sump.

**Table 2 Water Quality Summary<sup>1</sup>**

	<b>Annual Runoff Vol. (ac-ft)</b>	<b>Abstraction Vol. (cubic feet)</b>	<b>TP (lbs/year)</b>	<b>TSS (lbs/year)</b>
Pre-Project ( <i>includes Clam Pond</i> )	9.52	N/A	7.27	1,329
Proposed (w/o BMP's) <sup>1</sup>	29.24	50,112 ( <i>required amount</i> )	23.86	4,334
Proposed (w/ BMP's) <sup>1</sup>	26.37	54,236	4.80	206
<b>Change</b>	<b>+ 16.85</b>	<b>+4,124</b>	<b>-2.47</b>	<b>-1,123</b>

9. 1 Reflects ECWMC technical staff independent analysis

### **Operation and Maintenance**

For commercial/industrial projects with a filtration system in the city of Rogers, the landowner is responsible for the maintenance of the stormwater management BMP's. A stormwater maintenance agreement with the city will be a condition of this approval.

### **Rule E – Erosion and Sediment Control (plans)**

1. Plans **meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
  - a. Rock construction entrance
  - b. Silt fence
  - c. Double silt fence adjacent to delineated wetland boundaries
  - d. Catch basin inlet protection
  - e. Stabilization of disturbed soil areas.

### **Rule G– Wetland Alterations**

1. Wetland alterations **do not** meet the Commission's standards.
2. Existing wetlands on site will be filled. The total wetland impact is 0.66 acres.
3. The city of Rogers is the LGU in charge of administering the Minnesota Wetland Conservation Act (WCA).
  - a. A wetland replacement plan was approved by the city of Rogers in 2015 for a different project that was not completed. The I-94 Logistics Center project is proposing the same impact as the 2015 project.
  - b. Wetland replacement in the amount of 1.32 acres (2:1) is required by the city of Rogers
  - c. Wetland replacements are within Hennepin County, Wetland Bank Service Area 7, and the Mississippi River Major Watershed 20.
4. Wetland replacement plans are valid for a 5-year period. The wetland approval for this site has expired and will need WCA Reapproval.
5. Pretreatment of discharge into the wetland to north is provided by the proposed stormwater basin with filtration bench.

### **Rule I– Buffer Strips**

1. Buffer strips **meet** Commission requirements.
2. The buffer meets the requirement of the minimum width, average width, and slope.
3. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
4. Wetland buffer monumentation will meet the Commission's requirements.

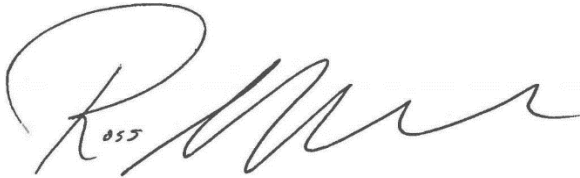
### **Recommendation**

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 a complete O&M agreement between the applicant and the City of Rogers for all stormwater facilities on the project site.
3. WCA Reapproval of the wetland fill and replacement plan for impacts of 0.66-acres.

On Behalf of Wenck (now part of Stantec Consultants, Inc.)  
Advisor to the Commission

A handwritten signature in black ink, appearing to be 'R. M.' followed by a stylized flourish. Below the signature, the number '055' is written in a smaller, less distinct script.

10/4/2021  
Date

### **Attachments**

- |          |                              |
|----------|------------------------------|
| Figure 1 | Project Location             |
| Figure 2 | Existing Drainage Map        |
| Figure 3 | Proposed Drainage Plan       |
| Figure 4 | Erosion and Sediment Control |

Figure 1 Project Location

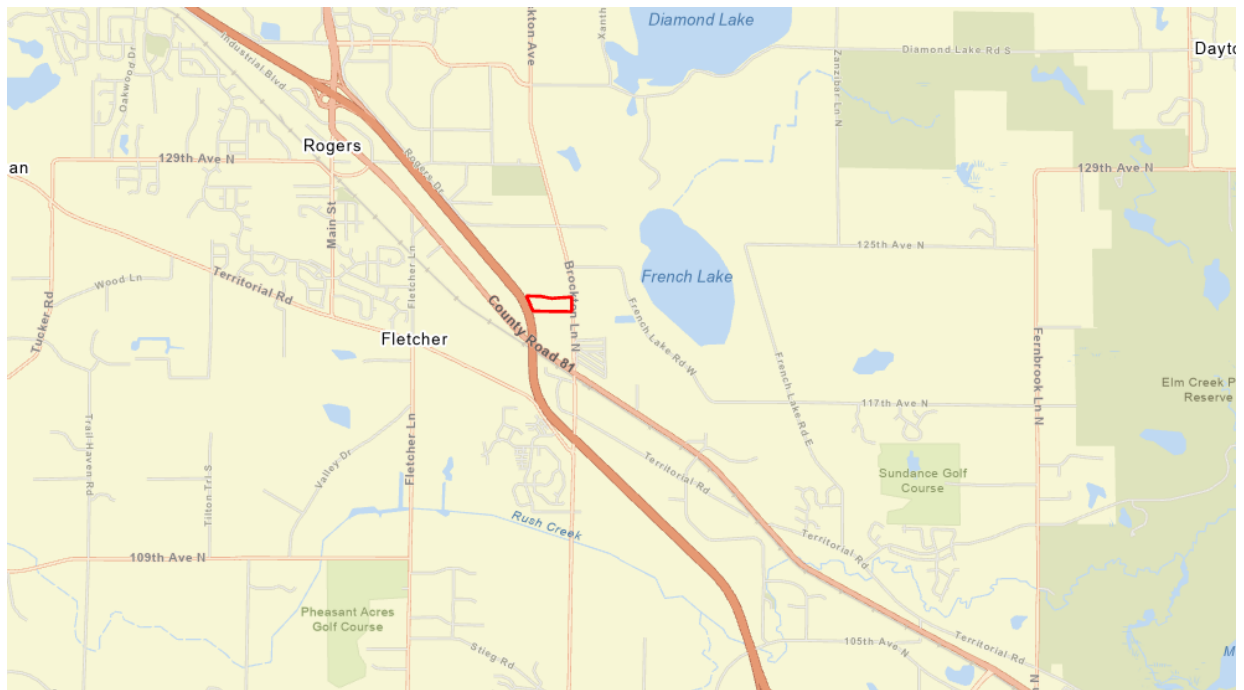


Figure 2 Existing Drainage Map

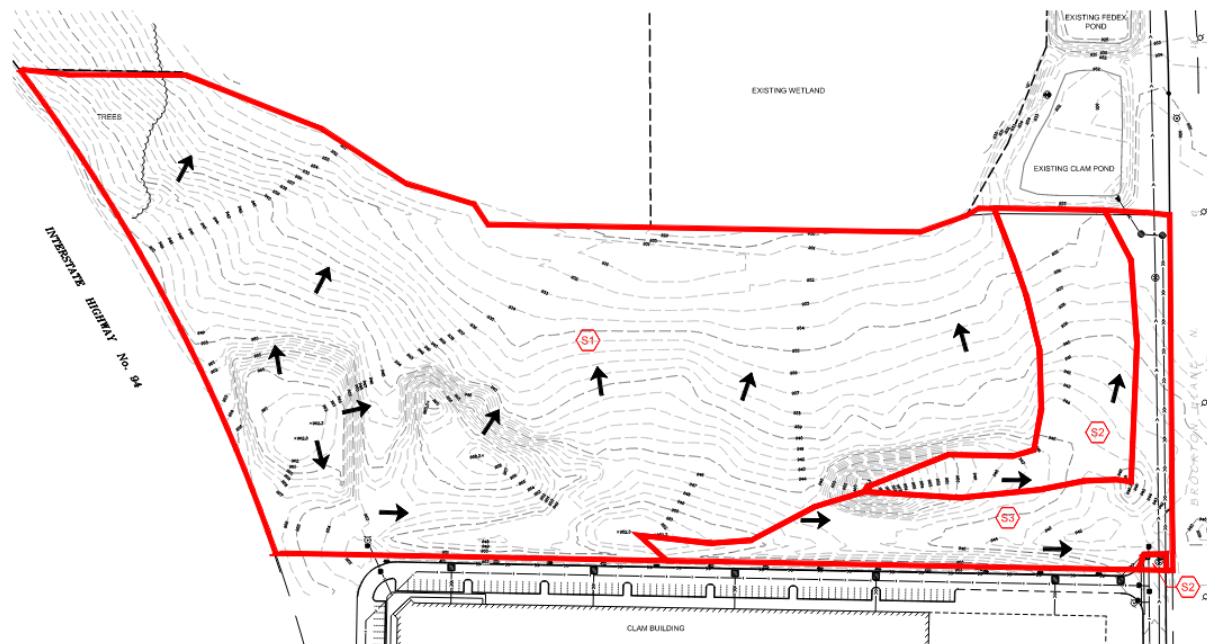




Figure 3 Proposed Drainage Plan

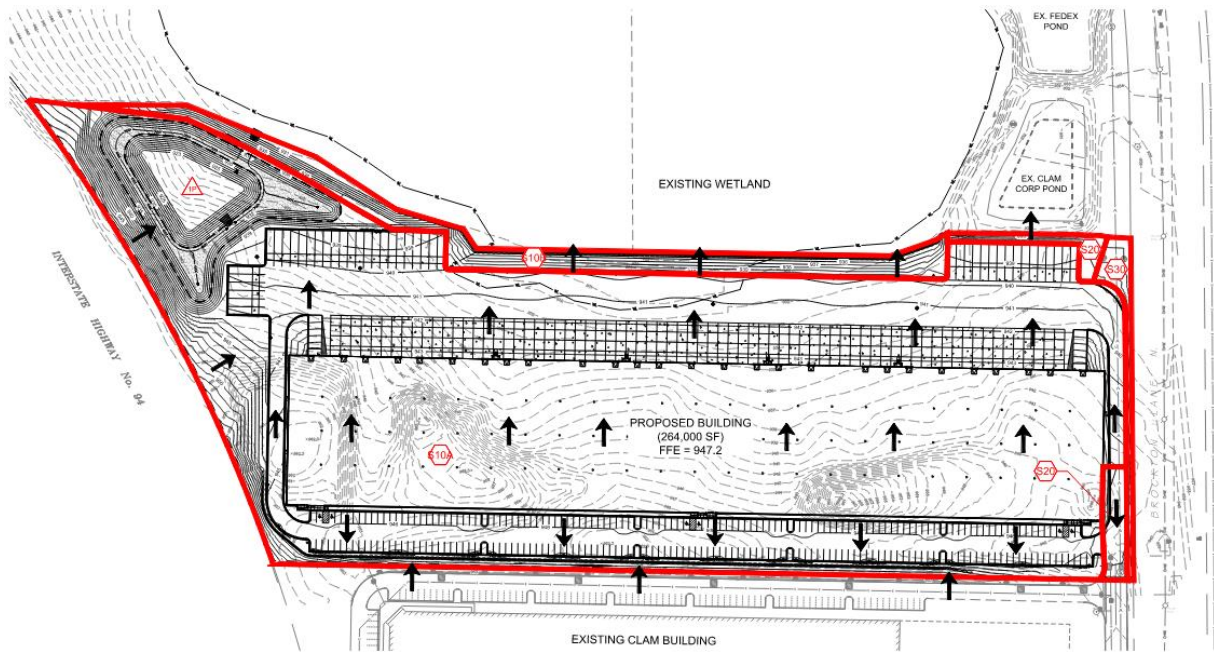
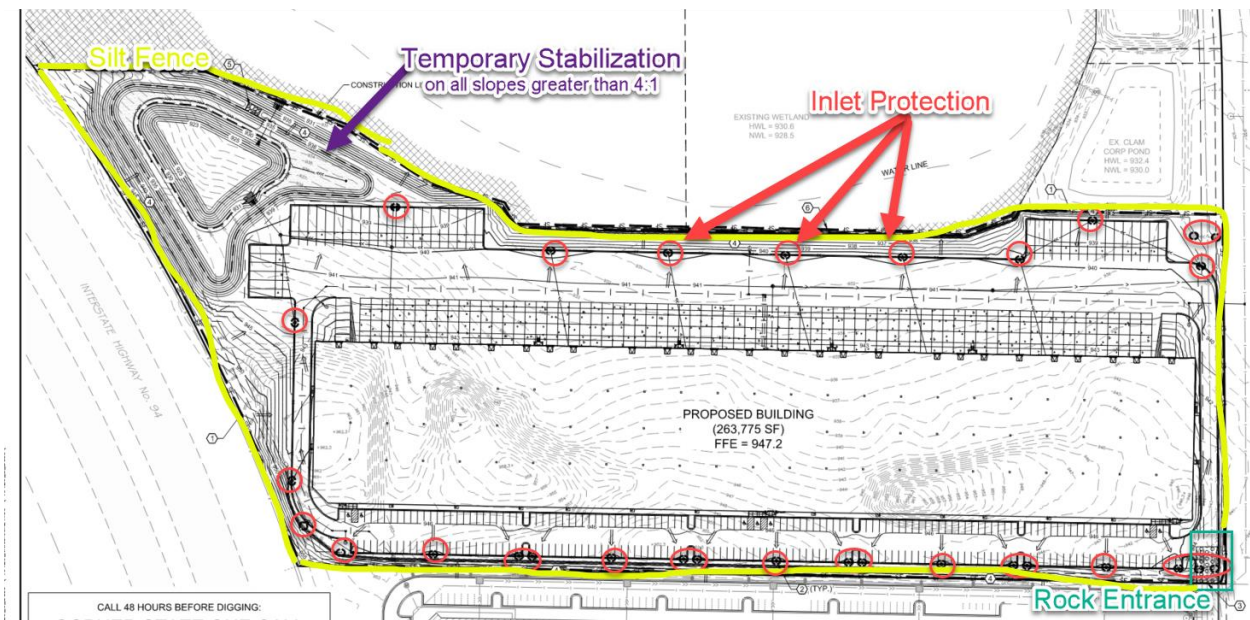


Figure 4 Erosion and Sediment Control



## NAPA Auto Corcoran Project #2021-040

### Project Overview:

**Location:** Corcoran, MN at the NW intersection of CR 116 and 75<sup>th</sup> Avenue, on the old Liquor Store parcel. .

**Purpose:** Demolition of current vacant 3,438 sq. ft. building and its adjoining parking areas and construction of a 12,800 Sq. foot NAPA Auto building, parking lot and associated utilities. An extra 3,600 feet of building area is proposed for future expansion and included within the stormwater management design for this site. .

**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

<b>Applicant:</b>	Kinghorn Construction	<b>Attention:</b>	Chuck Edwards
<b>Address:</b>	21830 Industrial Court Rogers, MN 55374	<b>Phone:</b>	520-484-7620
		<b>Email:</b>	tbuhl@mistercarwash.com

<b>Agent:</b>	Same as above	<b>Attention:</b>	
<b>Address:</b>		<b>Phone:</b>	
		<b>Email:</b>	

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application <input checked="" type="checkbox"/> ECWMC Request for Review and Approval <input checked="" type="checkbox"/> City authorization: Corcoran, MN <input checked="" type="checkbox"/> Review fee: \$3,375 <input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	September 7, 2021 September 3, 2021 August 13, 2021 September 3, 2021 September 7, 2021

### Submittals

1. Stormwater Management Plan, prepared by Anderson Engineering of MN, dated August 17, 2021
  - a. Stormwater management narrative and summary.
  - b. HydroCAD Modeling report for existing and proposed conditions
  - c. Existing and proposed drainage maps
  - d. Existing and proposed MIDS reports
  - e. American Engineering Testing Inc. soil boring location map and logs SB-1 to SB-6, dated March 24, 2020.



- f. Pond 1P HydroCAD storage table.
2. NAPA Auto Civil Plans, prepared by Anderson Engineering of MN dated June 23, 2021, revised September 17, 2021.
  - a. Sheet C-1, Demolition Plan
  - b. Sheet C-2, Grading & Erosion Control Plan
  - c. Sheet C-3, Site and Utility Plan
  - d. Sheets C-4 & C-5, Storm Water Pollution Prevention Plan
  - e. Sheets C-6 to C-8, Civil Details
  - f. Sheets L-1 & L-2, Landscape Plan and Details.

## Findings

### General

1. A complete application was received September 7, 2021. The initial 60-day decision period per MN Statute 15.99 expires November 6, 2021.
2. The existing site is a 1.51-acre parcel with a vacant building. Runoff from this site is split into three drainage directions:
  - a. 0.32 acres drains to the southwest into the 75<sup>th</sup> Ave. ditch where it flows west toward County ditch #16.
  - b. 0.36 acres drains northwest into the lots west and north of this parcel before flowing north and west into the city downtown ditch system before flowing into County ditch #16.
  - c. 0.83 acres drains into the CR 116 ditch before flowing north and west into the city downtown ditch system before flowing into County ditch #16.
  - d. All this site eventually drains into County ditch #16, a DNR public ditch that flows north under County Road's 50 and 10 before flowing into Rush Creek just north of CR 10.
3. The proposed NAPA Auto store includes 1.51-acres of disturbance to demolish the existing building and parking areas and to construct a new 12,800 square foot building and its associated parking, utilities, and landscaping.
4. A future, 3,600 square foot expansion to the north side of the new building is included in the stormwater management design to this review.
5. The redevelopment will increase the amount of impervious at the site from 0.593-acres to 1.006-acres, a net increase of 0.413-acres impervious areas.
6. Existing and proposed conditions HydroCAD models were created to model rate control.
7. A filtration basin in the north portion of the site is proposed.
8. There are no wetlands within the site.
9. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

### Rule D – Stormwater Management

#### General

1. This project parcel is 1.51 acres, the expected disturbance is 1.51-acres. There will be a net increase in impervious area of 0.413 acres.
2. Stormwater will be managed on the site by directing,
  - a. 1.05 acres (0.86 acres impervious areas) of the site into a filter basin on the north side of the property. The filter basin will flow east into the CR 116 ditch.
  - b. The remaining 0.46 acres (0.15 acres impervious) will flow off-site untreated,

- i. 0.24 acres will flow southwest to the 75<sup>th</sup> Ave. ditch which flows north.
  - ii. 0.04 acres flowing offsite to the lot west of the property and
  - iii. 0.19 acres flowing east into the CR 116 ditch.
3. Pre-treatment of water flows and sediment will be provided by two Rain Guardian catch basins upstream of the filter basin.

#### Rate Controls

1. Rate control measures **meet** Commission standards.
2. Rate control for the site is provided by routing most of the site north into the filter basin which is controlled by a compound weir wall in the outlet control structure. The first 1.0 feet is proposed to filter through the sand in the bottom of the basin. When the water gets higher than 1.0 feet during larger storm events, the compound weir will control rates and outflows from the basin.
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized below in Table 1.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	Drainage Areas	2-year (cfs)	10-year (cfs)	100-year (cfs)
<b>East</b> <i>From the stormwater basin and untreated areas</i>	Pre-Project	0.83	2.5	4.3	8.2
	Proposed	1.24	2.4	4.0	7.6
	<b>Change</b>	<b>+0.41</b>	<b>-0.1</b>	<b>-0.3</b>	<b>-0.6</b>
<b>Southwest</b> <i>Untreated to the 75<sup>th</sup> Avenue ditch</i>	Pre-Project	0.32	1.3	2.0	3.6
	Proposed	0.24	0.9	1.5	2.7
	<b>Change</b>	<b>-0.08</b>	<b>-0.4</b>	<b>-0.5</b>	<b>-0.9</b>
<b>Northwest</b> <i>Untreated to the adjacent properties</i>	Pre-Project	0.36	0.8	1.4	2.8
	Proposed	0.04	0.1	0.2	0.4
	<b>Change</b>	<b>-0.32</b>	<b>-0.7</b>	<b>-1.2</b>	<b>-2.4</b>

#### Abstraction Controls

1. Abstraction controls will **meet** Commission requirements. See table 2 for abstraction summaries
2. ECWMC abstraction criteria are based on net new impervious surfaces. There is 0.413 acres of new net impervious areas so 1,650 cubic feet of abstraction control is required. The proposed basin will store 1,737 cubic feet.
  - a. Soil boring #5 in the general proximity of the proposed basin shows clay loam (CL) soil materials to a depth of 9 feet (~968.0). CL soils are not conducive for infiltration; therefore, an underdrain system is proposed to filter 2,078 cubic feet of water to meet abstraction requirements.
  - b. Basin storage will draw down through the filter media in approximately 32 hours.

#### Water Quality

1. Water quality controls will **meet** the Commission requirements. See table 2 for water quality summaries.

**Table 2 Water Quality Summary**

CONDITION (1.51 AC.)	TP LOAD (LBS/YR)	TSS LOAD (LBS/YR)	ABSTRACTION (CU. FT.)
Pre-development (baseline)	1.4	259	N/A
Post-development without BMPs	1.9	354	1,650 (required)
Post-development with BMPs	1.0	173	1,737 (provided)
Net Change	-0.4	-86	+87

### Operation and Maintenance

For filtration systems in the city of Corcoran, the landowner is responsible for the long-term operation and maintenance of the stormwater management BMP's. A stormwater maintenance plan was attached with the submittal. The plan is adequate, but an agreement between the city and landowner must also be a component of the operation and maintenance of this facility. The full agreement and plan must be approved by the Commission and city and filed on the land title within 90 days after City site plan approval.

### Rule E – Erosion and Sediment Control (plans)

1. Plans **meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
  - a. Rock construction entrance
  - b. Silt fence
  - c. Catch basin inlet protection
  - d. Stabilization of disturbed soil areas
  - e. Specific sequencing of the filter basin.

### Recommendation

Approval.

### Conditions for Technical Staff 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. An agreement between the city and landowner for the operation and maintenance of this facility must be provided. The full agreement and plan must be approved by the Commission and city and filed on the land title within 90 days after City site plan approval.

Surface Water Solutions  
Advisor to the Commission



October 1, 2021

Date

### Attachments

- Figure 1 Project Location
- Figure 2 Location Map and 2018 Aerial Photo
- Figure 3 Proposed Grading Plan

Figure 1 Project Location

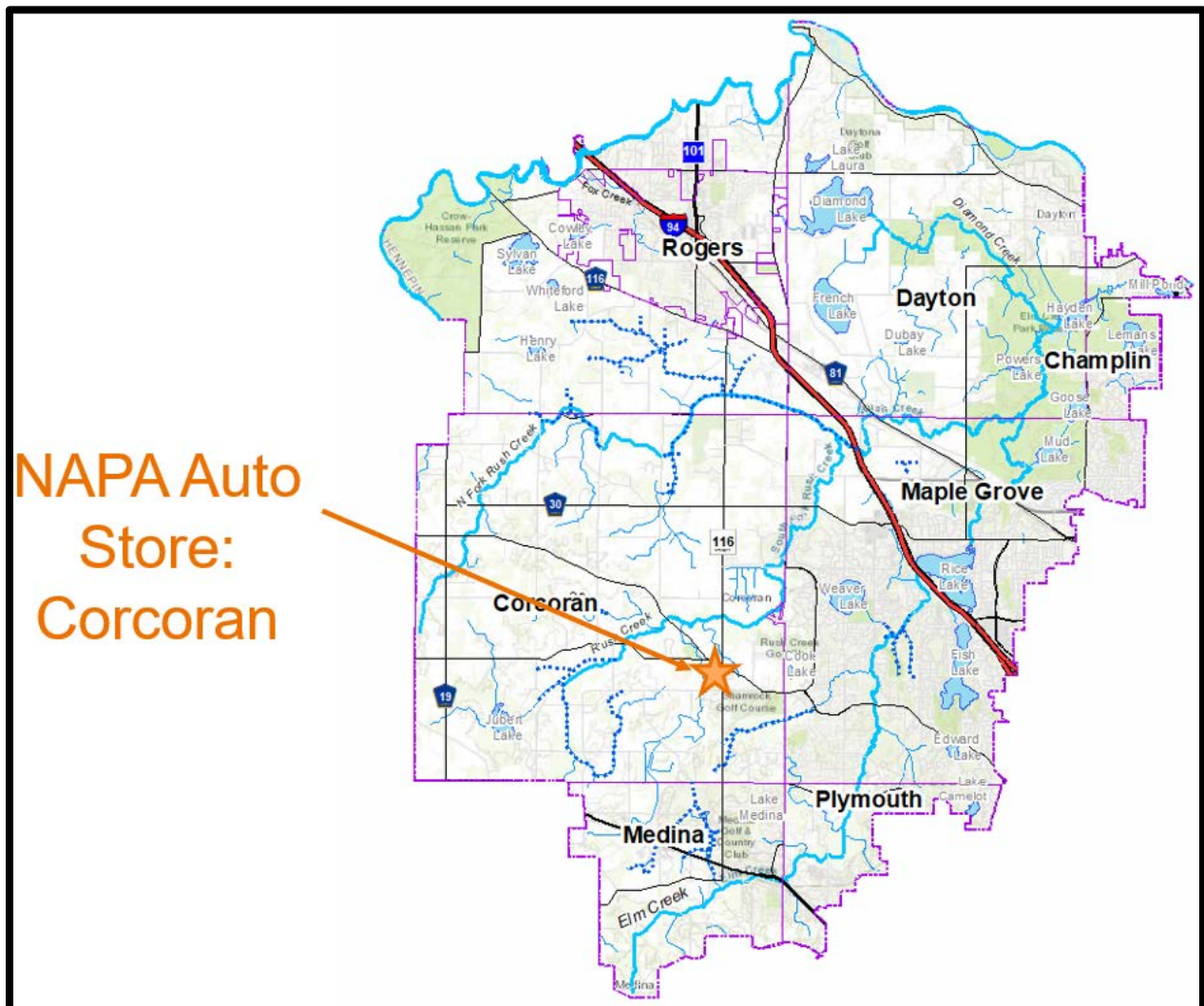


Figure 2 Location Map and 2018 Aerial Photo

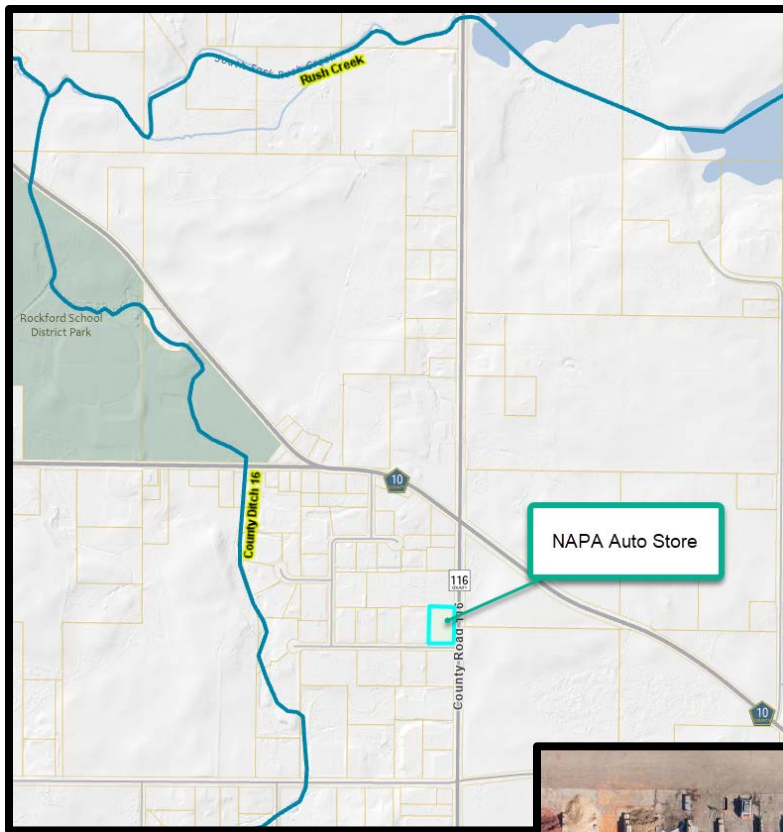
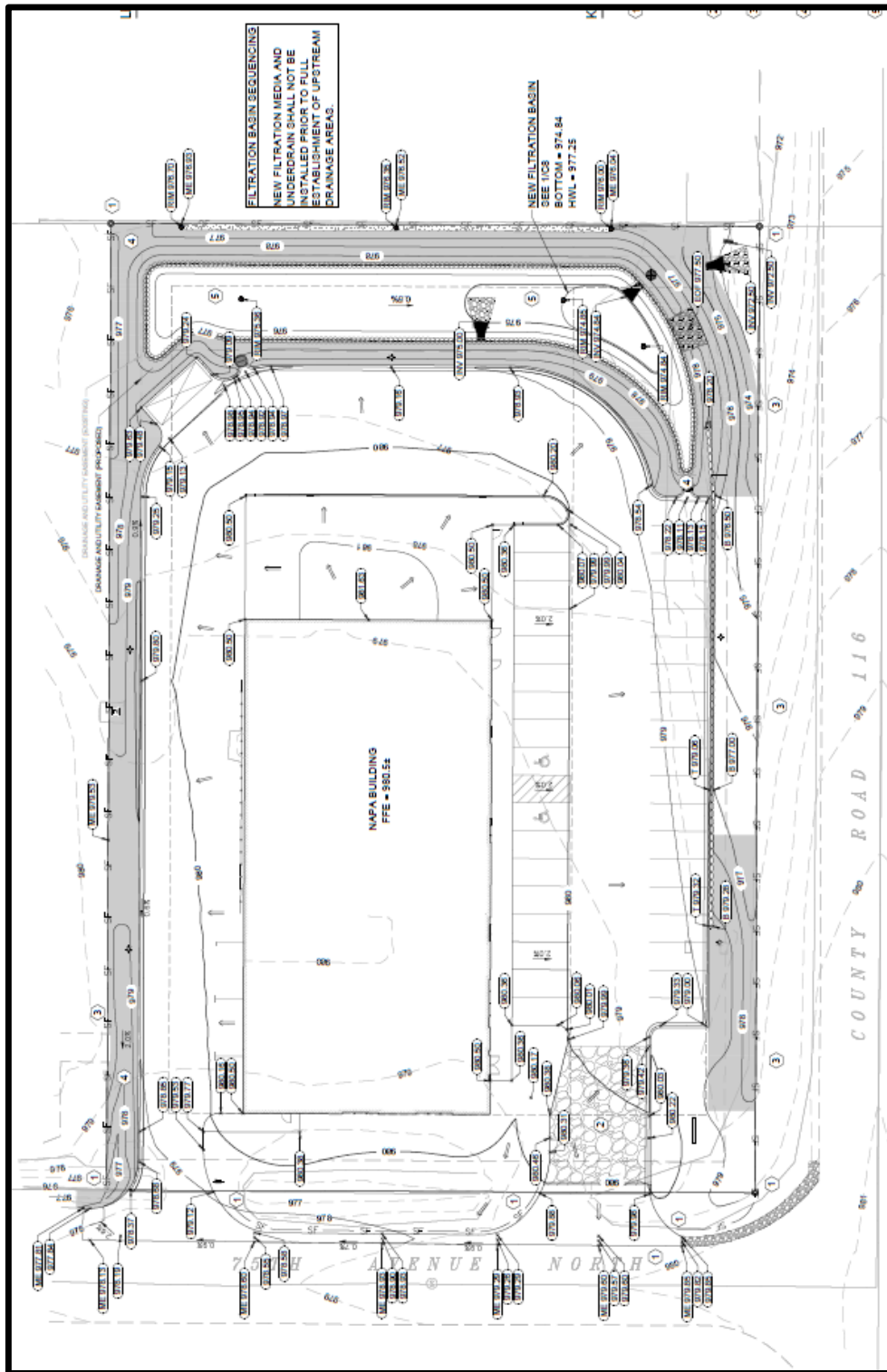




Figure 3 Proposed Grading Plan



## Carlson Ridge Plymouth Project #2021-041

### Project Overview:

<i>Location:</i>	This is an existing 4.82-acre residential lot located between Vagabond and Troy Lanes just north of 56 <sup>th</sup> Avenue North.		
<i>Purpose:</i>	The property will be subdivided into 13 single family lots. The existing residence will remain, but portions of the driveway and an outbuilding will be demolished.		
<i>WMC Rules Triggered:</i>	X	Rule D	Stormwater Management
	X	Rule E	Erosion and Sediment Control
		Rule F	Floodplain Alterations
	X	Rule G	Wetland Alteration
		Rule H	Bridge and Culvert Crossings
		Rule I	Buffer Strips

<b><u>Applicant:</u></b>	Jason Hohn	<b><u>Attention:</u></b>	Jason Hohn
<b><u>Address:</u></b>	2025 Gateway Circle, Suite 1 Centerville, MN 55038	<b><u>Phone:</u></b>	651-407-6979
		<b><u>Email:</u></b>	N/A

<b><u>Agent:</u></b>	Larson Engineering	<b><u>Attention:</u></b>	Mitch Honsa
<b><u>Address:</u></b>	3524 Labore Road White Bear Lake, MN 55110	<b><u>Phone:</u></b>	651-448-0931
		<b><u>Email:</u></b>	mhonsa@larsonengr.com

<b>Exhibits:</b>	<b>Description</b>	<b>Date Received</b>
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	September 13, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	September 13, 2021
	<input checked="" type="checkbox"/> City authorization: Plymouth, MN	August 26, 2021
	<input checked="" type="checkbox"/> Review fee: \$3,375	September 13, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	August 6, 2021

### Submittals

1. Stormwater Management Plan, prepared by Larson Engineering, dated September 29, 2021
  - a. Stormwater management summary.
  - b. HydroCAD Modeling report for existing and proposed conditions
  - c. Existing and proposed drainage maps
  - d. Existing and proposed MIDS reports
  - e. Storm sewer design calculations
  - f. Landform's Supplemental Stormwater Response Letter, updated August 6, 2021
  - g. Pond 1P HydroCAD storage table.



2. Carlson Ridge Residential Development Preliminary Plat and Engineering Plans by Larson Engineering dated September 29, 2021.
  - a. Sheet T, Title Sheet
  - b. Preliminary Plat by E.G. Rud & Sons, Inc dated April 21, 2012
  - c. Sheet C000, Overall Site Plan
  - d. Sheet C100, Existing Conditions and Demolition Plan
  - e. Sheet C200, Preliminary Sanitary Sewer and Watermain Plan
  - f. Sheet C300, Preliminary Street and Storm Sewer Plan
  - g. Sheet C400, Typical Sections
  - h. Sheet C500, Preliminary Grading Plan
  - i. Sheet C600, Preliminary Erosion Control Plan
  - j. Sheet C700, Preliminary Wetland Impacts, Lighting and Signage Plan
  - k. Sheet C800 to C802, Details
  - l. Sheets L1 to L3, Tree Preservation and mitigation Plans, Landscaping Details.
3. Geotechnical Explorations report for proposed residential subdivision 56<sup>th</sup> Avenue North and Troy Lane North, by Independent Testing Technologies dated May 8, 2020.
4. SWPPP Template for small construction sites for Carlson Ridge Development.

## Findings

### General

1. A complete application was received September 13, 2021. The initial 60-day decision period per MN Statute 15.99 expires November 12, 2021.
2. The existing site is a 4.82-acre parcel with an existing home site. Runoff from off site is also routed through this site as part of the rate control analysis. This site is split into two general drainage directions:
  - a. Approximately 9.1 acres flow easterly into the ditch along Troy Lane. This watershed includes the water from 5600 Vagabond Lane.
  - b. Approximately 1.95 acres flows north and west into a wetland area that flows back towards the east under Troy Lane.
  - c. Both drainage areas eventually drain east through a series of wetland and ditches before flowing under Peony Lane and entering the Elm Creek floodplain/stream area in the Plymouth Northwest Greenway.
3. The proposed site drainage essentially remains the same
  - a. Street and storm sewer areas from this development will be routed to the northeast corner of the site into a filtration basin before discharging into the Troy Lane Ditch.
  - b. Drainage design is based on new and reconstructed impervious areas of 1.23 acres.
4. One wetland exists along the ditch area on the west side of Troy Lane on this site. No replacement plan has been received by the ECWMC to date.
5. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

### Rule D – Stormwater Management

#### General

1. This project parcel is 4.82 acres, the expected disturbance is 5.7 acres. There will be 1.23 acres of new net impervious areas created. There is approximately 0.29 acres of existing impervious areas.
2. There are two main discharge points from this site.
  - a. The ditch along Troy Lane that drains north from this site.

- b. A 12-inch culvert under the driveway at 5700 Vagabond Lane that drains the water from this site to the northwest.
3. Stormwater will be managed on the site by routing water in the following directions.
  - a. Approximately 3.62 acres into the filter basin on the northeast side of the property. The filter basin will flow north and east into the Troy Lane ditch.
  - b. The remaining 1.2 acres will flow off-site untreated to the northwest.
4. Plymouth will be responsibility for new stormwater infrastructure on this site.
5. Note that no water quality or abstraction of stormwater is provided for the new Troy Lane construction and storm sewer. Stormwater management review information below is for only the Carlson Ridge parcel.
  - a. At a minimum, additional sump catch basin manholes for CBMH 8 and 11 on Troy Lane are recommended.

#### Rate Controls

1. Rate control measures **meet** Commission standards.
2. Rate control for the site is provided by routing most of the site into the filter basin with an outlet control structure. The structure has a weir wall with a 6-inch orifice to control the flows from the filter basin. The first 1.0 feet of water that flows into the basin (bottom elevation = 977.5) is proposed to filter through the sand in the bottom of the basin and out a drain tile system routed to below the outlet control weir in the structure. (See outlet control structure figure 4)
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized below in Table 1.

#### Low Floor Elevations

4. Low floors **meet** the Commission requirements for at least two feet of freeboard about the 100-year high-water level and one foot above the EOF.
5. The 100-year high-water level at the basin is 980.2-feet, the emergency overflow elevation is 980.9 and the adjacent low floor elevations are at 984.2-feet or higher.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	Drainage Areas	2-year (cfs)	10-year (cfs)	100-year (cfs)
<b>Northwest</b> <i>12" CMP culvert at 5700 Vagabond Lane</i>	Pre-Project	1.95	1.70	3.13	6.48
	Proposed	1.91	1.48	2.77	5.81
	<b>Change</b>	<b>-0.04</b>	<b>-0.22</b>	<b>-0.36</b>	<b>-0.67</b>
<b>Northeast</b> <i>Road ditch on west side of Troy Lane</i>	Pre-Project	9.09	9.26	17.75	37.69
	Proposed	9.22	5.07	12.28	31.03
	<b>Change</b>	<b>+0.13</b>	<b>-4.19</b>	<b>-5.47</b>	<b>-6.66</b>

### Abstraction Controls

1. Abstraction controls **meet** Commission requirements. (See table 2 for summary)
2. Basin abstraction criteria is based on 1.23 acres of new net impervious surfaces.
  - a. 4,897 cubic feet of abstraction control is required.
  - b. The proposed basin is designed to store 7,816 cubic feet.
  - c. Soil boring #6 in the general proximity of the proposed basin shows clay loam (CL) soil materials to a depth of 25 feet. CL soils are not conducive for infiltration; therefore, an underdrain system is proposed to filter the abstraction requirements.
  - d. Based on 7,816 cubic feet of storage and a 0.8 inch/hour discharge through the underdrain, the basin will drawdown in 15.0 hours.

### Water Quality

1. Water Quality Analysis **meet** the ECWMC requirements.

**Table 2 Water Quality Summary**

CONDITION (4.9 AC.)	TP LOAD (LBS/YR) *	TSS LOAD (LBS/YR) *	ABSTRACTION (CU. FT.)
Pre-development (baseline)	2.9	533	N/A
Post-development without BMPs	4.5	824	4,897 (required)
Post-development with BMPs	2.3	275	7,816 (provided)
<b>Net Change</b>	<b>-0.6</b>	<b>-258</b>	<b>+2,919</b>

\* Reflects ECWMC technical staff independent analysis. Staff estimates are without pre-development Swale BMP and without all Post Development BMP's, except the filter basin.

### Rule E – Erosion and Sediment Control

1. Plans **meet** Commission requirements for erosion and sediment control. Plans include.
  - a. Perimeter silt fence and sediment logs
  - b. Rock construction entrance
  - c. Inlet protections
  - d. Temporary and permanent seeding and mulching.
  - e. Filtration basin sequencing notes.

### Rule G – Wetland Alteration

1. The City of Plymouth is the LGU in charge of administering their wetland ordinance, and Wetland Conservation Act on this site. Plymouth wetland regulation follow the ECWMC wetland alteration, (Rule G) requirements.
  - a. Wetland Alteration plans have not been received for review. These will be required for review and compliance to the ECWMC rule.
  - b. Wetland impacts cannot occur until appropriate LGU and WCA approvals.

## Recommendation

### **Approval**

#### Conditions for Technical Staff Recommendation to the Commission

1. Final escrow balance determination when final approval is granted (without remaining conditions)
2. Wetland impacts cannot occur until appropriate LGU and WCA approvals.
3. Long term operation and maintenance of the stormwater system must be determined.

Surface Water Solutions  
Advisor to the Commission



October 5, 2021  
Date

### Attachments

- |          |   |
|----------|---|
| Figure 1 | Project Location                            |
| Figure 2 | Location Map and 2018 Aerial Photo          |
| Figure 3 | Proposed Grading Plan and Proposed Drainage |
| Figure 4 | Outlet Control Structure                    |

Figure 1 Project Location

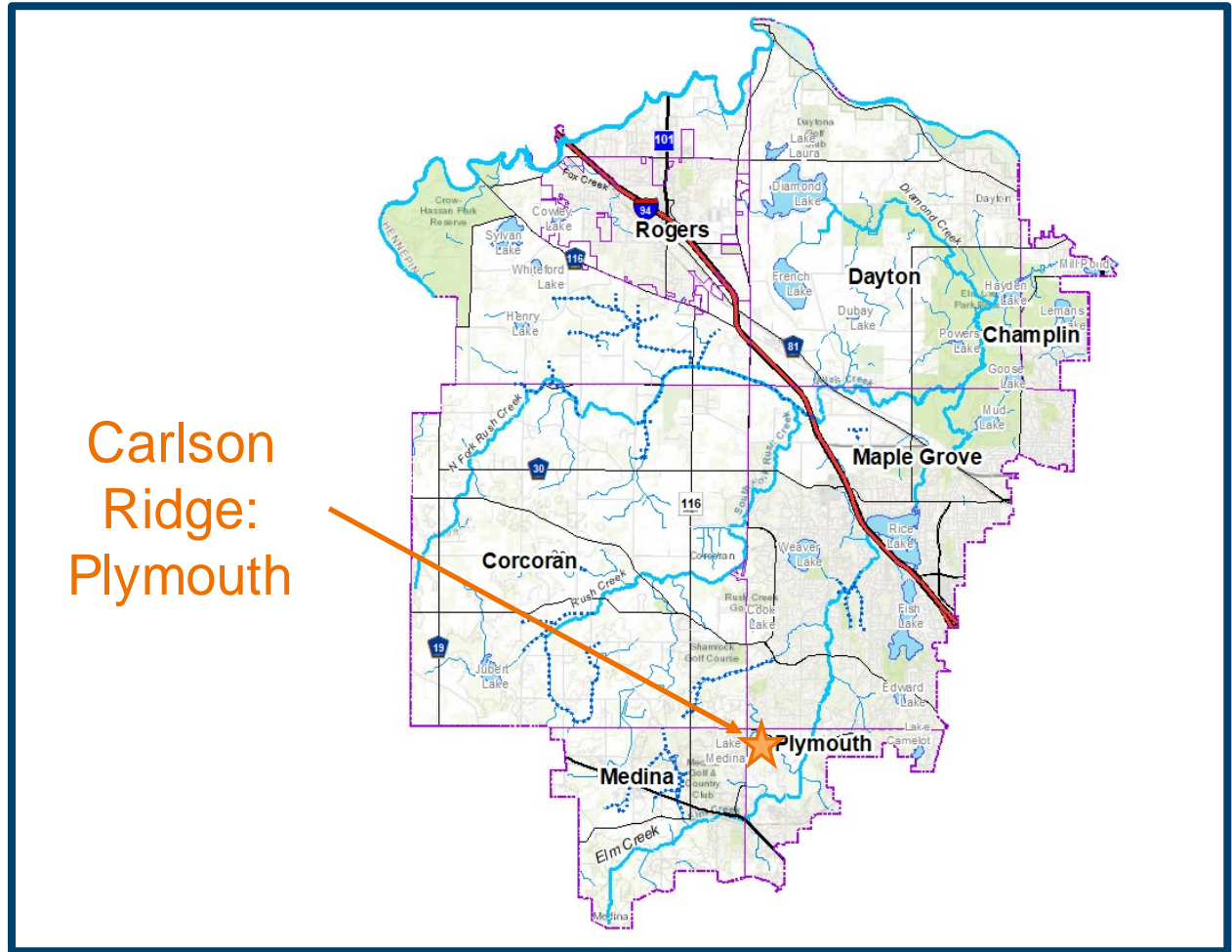




Figure 2 Location Map and 2018 Aerial Photo

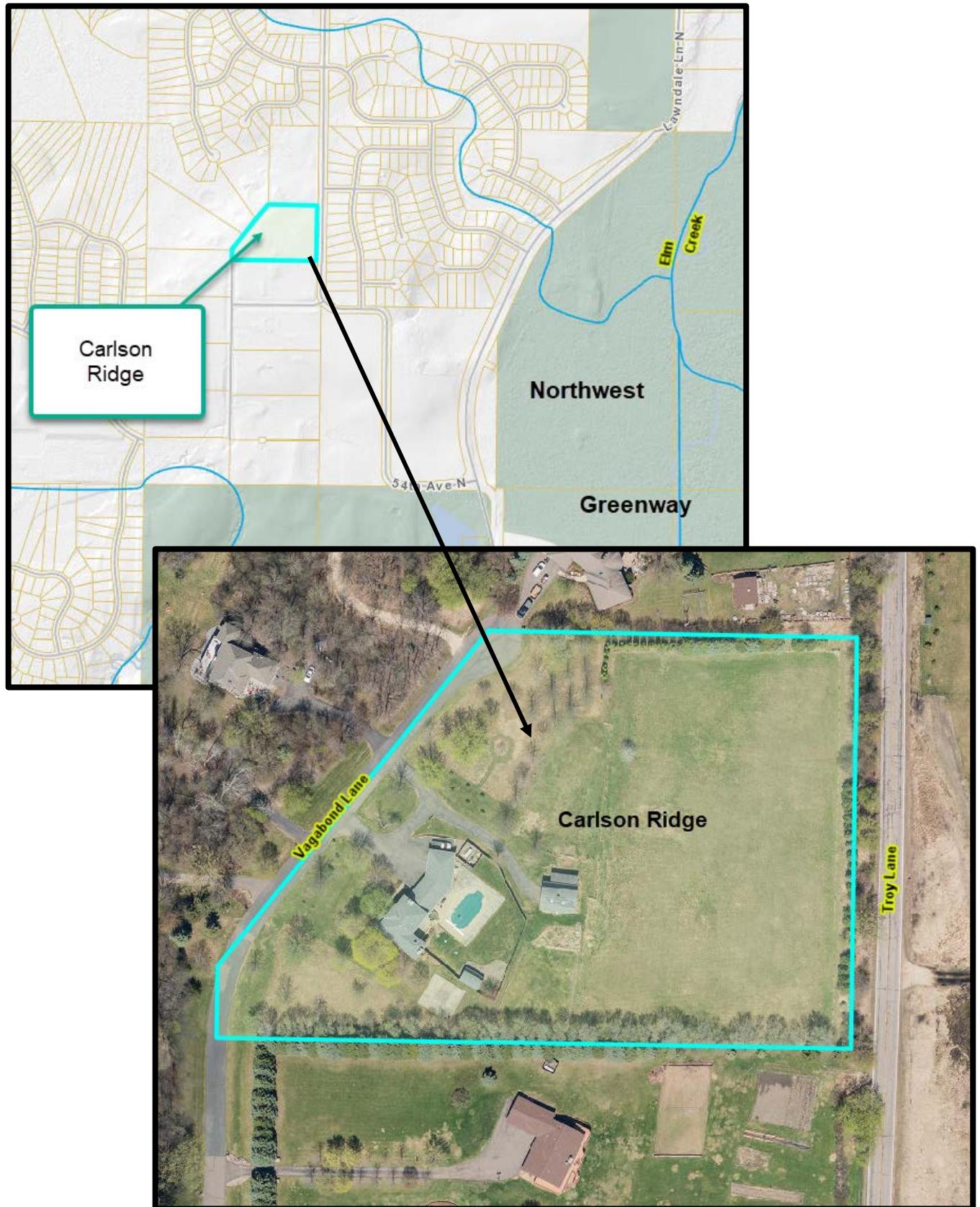




Figure 3 Proposed Grading Plan & Proposed Drainage

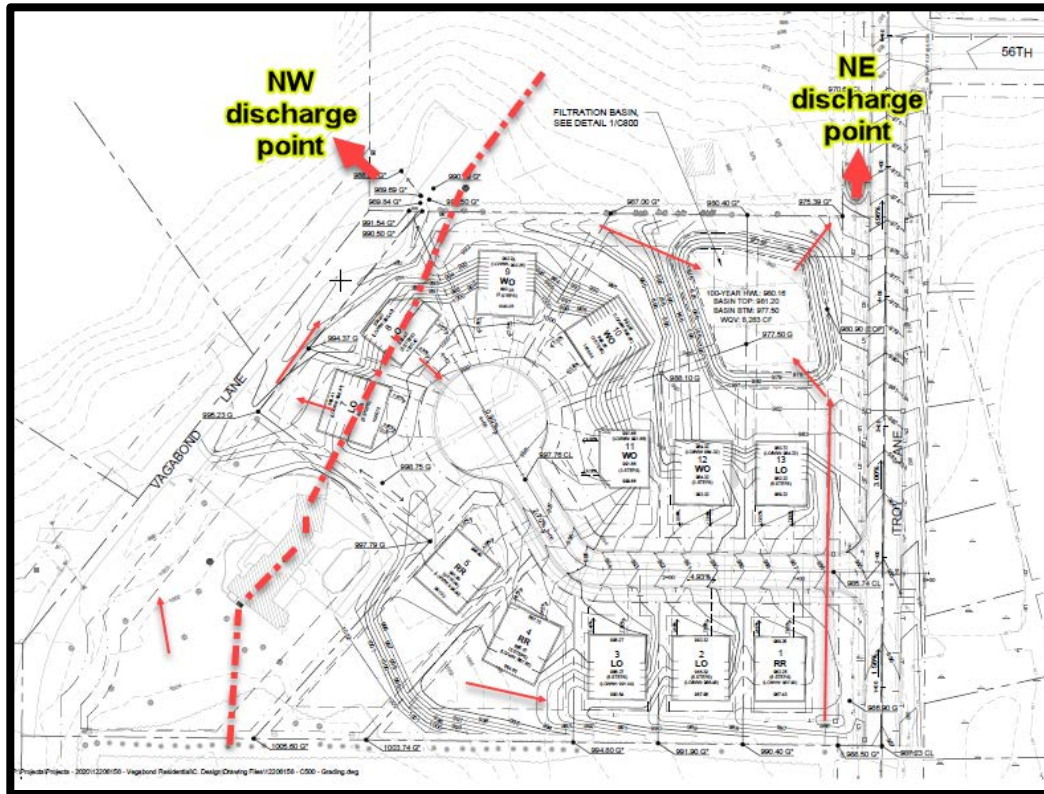
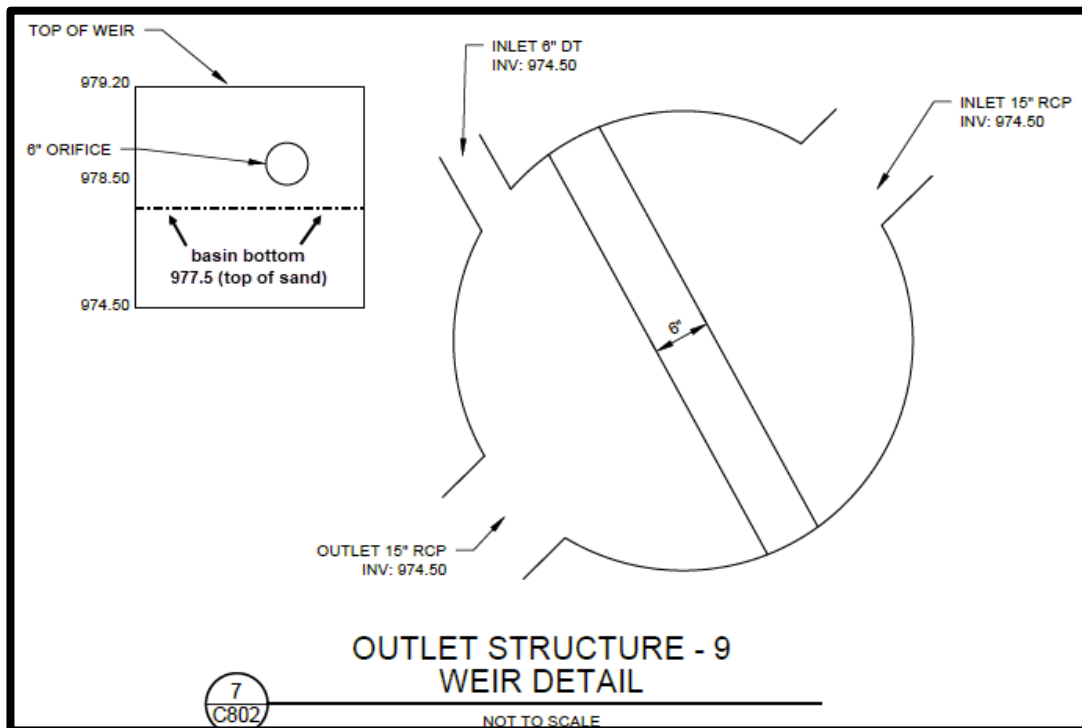


Figure 4 Outlet Control Structure



## Risor Senior Living #2021-042

### Project Overview:

**Location:** Construction of senior living home in Maple Grove, southwest of the intersection of Interstate 94 and Hwy 610, west of existing Maple Grove Hospital. The site was included as part of *Project 100* PUD, approved ECWMC Project No. 2020-002.

**Purpose:** Construction of senior living home, parking lot, and necessary utilities.

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

**Applicant:** Bauer Design Build

**Address:** 14030 21<sup>st</sup> Ave N  
Plymouth, MN 55447

**Attention:** Alex Schmols

**Phone:** 763-972-0000

**Email:** alex.s@bauerdb.com

**Agent:** None Provided

**Address:**

**Attention:**

**Phone:**

**Email:**

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	Sept. 22, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	Sept. 22, 2021
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	August 24, 2021
	<input checked="" type="checkbox"/> Review fee: \$675	Sept. 22, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans)	August 23, 2021

### Submittals

1. Risor Senior Living Plan Set prepared by Sambatek, dated July 30, 2021.

## Findings

### General

1. A complete application was received September 22, 2021. The initial 60-day decision period per MN Statute 15.99 expires November 21, 2021.
2. The site is part of the approved Elm Creek WMC project #2020-002 for the *Project 100* PUD development. The PUD assumed 80% impervious at the site, while the application is for 72% impervious surfaces. The project proposes 2.30-acres of impervious on a 3.19-acre site within the 100.6-acre PUD.

### Rule E – Erosion and Sediment Control (plans)

1. Plans **meets** Commission requirements for erosion and sediment control.
2. The project site is a 3.19-acre undeveloped, grassed area next to the existing Maple Grove Hospital. The 3.19-acre site is located within a 100.6-acre *Project 100* PUD, approved ECWMC Project Review 2020-002.
3. The erosion and sediment control plans are consistent with current best management practices, including:
  - a. Erosion control blanket
  - b. Silt fence around project extents and the pond, including redundant measures.
  - c. Concrete washout is located to minimize the risk of concrete waste discharge to waterbodies
  - d. Catch basin inlet protection
  - e. Stabilization of disturbed soil areas with erosion control blanket
  - f. Street sweeping

### Recommendation

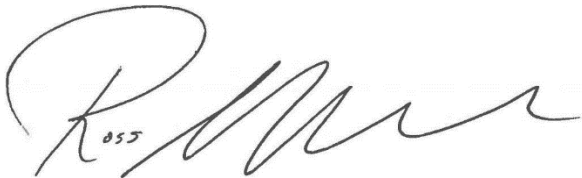
Approval by Technical Staff

### 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 Wenck (now part of Stantec Consultants, Inc.)

Advisor to the Commission



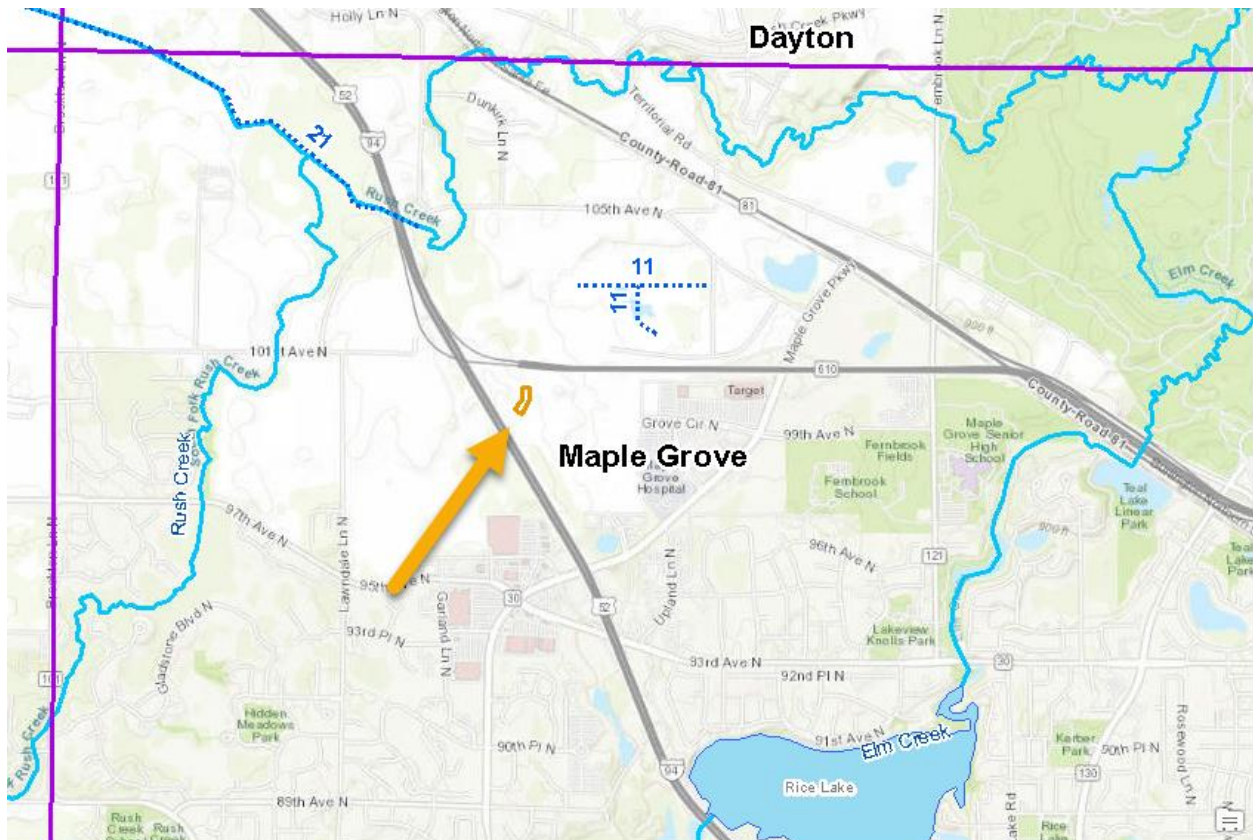
10/06/2021

Date

## Attachments

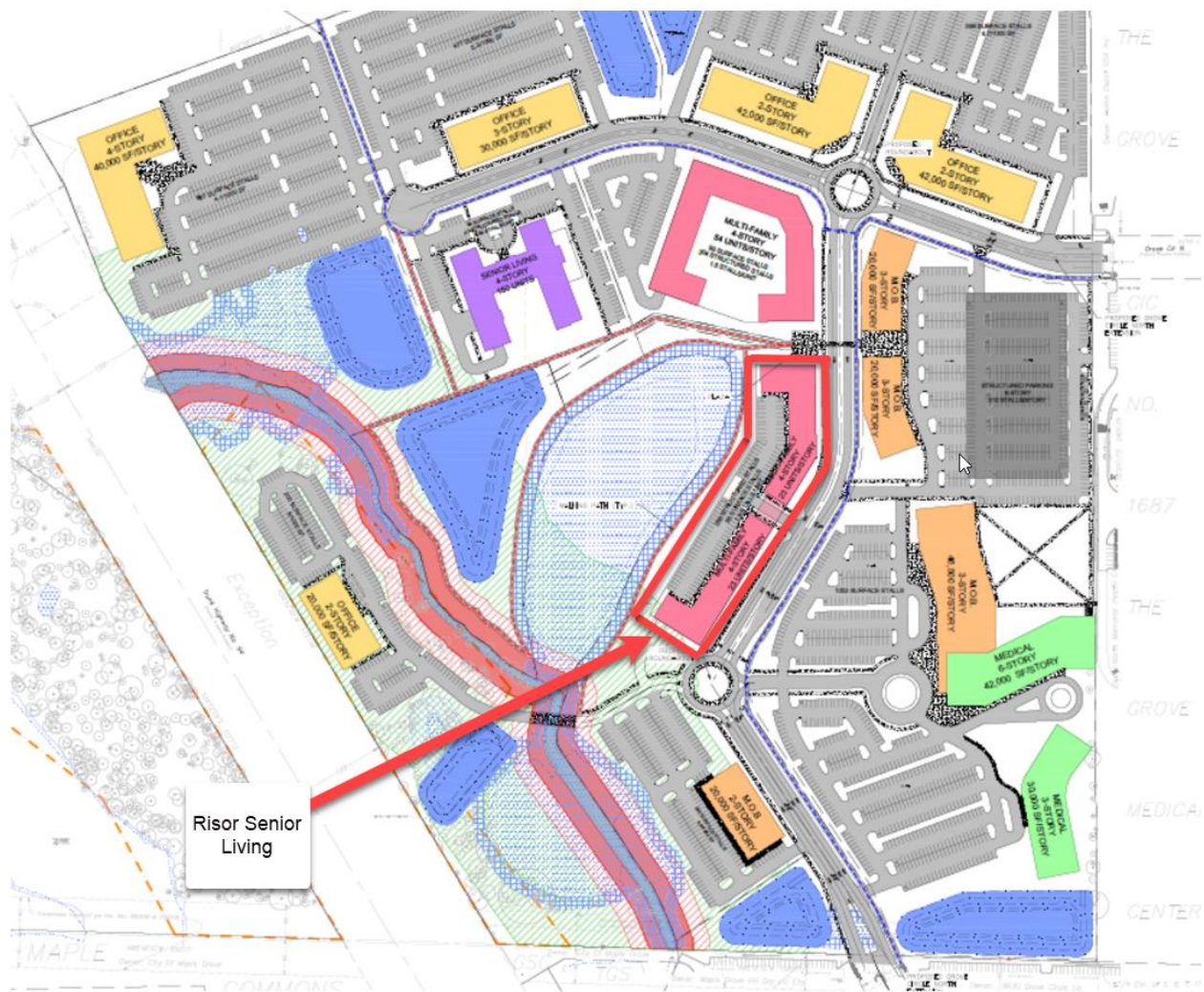
- Figure 1 Project Location
- Figure 2 Location within PUD
- Figure 3 Site Erosion Sediment Control Plan

**Figure 1 Project Location**





### Figure 2 Location within PUD







## Regenerative Air Street Sweeper Report

### City of Plymouth

September 2021

#### Background

City of Plymouth purchased a Tymco 500X Regenerative Air Street (RAS) sweeper to collect fine sediment and debris more effectively with financial assistance from the Bassett Creek Watershed Management Commission (BCWMC), Elm Creek Watershed Management Commission (ECWMC) and Shingle Creek Watershed Management Commission (SCWMC). A requirement of the financial assistance includes annual reporting of use and effectiveness of the RAS sweeper.



*RAS Sweeper near Medicine Lake*



*Example sweepings pile*

The City's 2018 street sweeping policy assists in meeting the requirements of Municipal Separate Storm Sewer System (MS4) permit as a best management practice to reducing the amount of solids, nutrients, and chlorides entering water bodies throughout the City across all four watersheds.

#### Total Swept Length

Table 1 outlines the total swept length within the City, separated by watershed district.

*Table 1*

Watershed	Total Curb Miles Swept
Bassett Creek Watershed	365
Elm Creek Watershed	88
Shingle Creek Watershed	142
<b>Total</b>	<b>595</b>

The City put 1,075 hours on the sweeper since purchased new in the spring of 2020.



## Regenerative Air Street Sweeper Report

City of Plymouth

September 2021

### Estimated Pollutant Removals

Table 2 breaks down the estimated pollutant removal per mile, as estimated from random sampling done of sweepings analyzed to track pollutants. Table 3 shows the total pounds of Total Phosphorus (TP) and Chloride (Cl<sup>-</sup>) collected.

Table 2

Pollutant of Concern	Unit of Measure	Annual Removals Per Curb Mile			
		2018	2019	2020	2021
Total Phosphorus (TP)	Pounds	0.514	0.537	0.632	0.449*
Chloride (Cl <sup>-</sup> )	Pounds	0.126	0.084	0.238	0.518*
		Mechanical Broom Sweeper Only		High Efficiency Street Sweeper & Mechanical Broom Sweeper	

Note: Values Calculated based on random, sampling of street sweeping material. \*2021 fall sweep not included

Table 3

Watershed	Curb Miles	Annual Removals – Pounds							
		2018 TP	2018 Cl <sup>-</sup>	2019 TP	2019 Cl <sup>-</sup>	2020 TP	2020 Cl <sup>-</sup>	2021 TP	2021 Cl <sup>-</sup>
Bassett Creek	365	187.52	45.84	195.99	30.48	230.77	86.73	163.87*	189.16*
Elm Creek	88	45.21	11.05	47.25	7.35	55.64	20.91	39.51*	45.61*
Shingle Creek	142	72.95	17.83	76.25	11.86	89.78	33.74	63.75*	73.59*
		Mechanical Broom Sweeper Only				High Efficiency Street Sweeper & Mechanical Broom Sweeper			

Note: \*2021 fall sweep not included

### RAS Sweeper Funding

Breakdown of funding for the RAS sweeper is found in Table 4. Ongoing operations and maintenance costs are paid by the City of Plymouth.

Table 4

Bassett Creek Watershed Management Commission:	\$75,000
Elm Creek Watershed Management Commission:	\$29,715
Shingle Creek Watershed Management Commission:	\$75,000
City of Plymouth:	\$136,328.23
<b>Total Purchase Price (State Contract Pricing)</b>	<b>\$316,043.23</b>



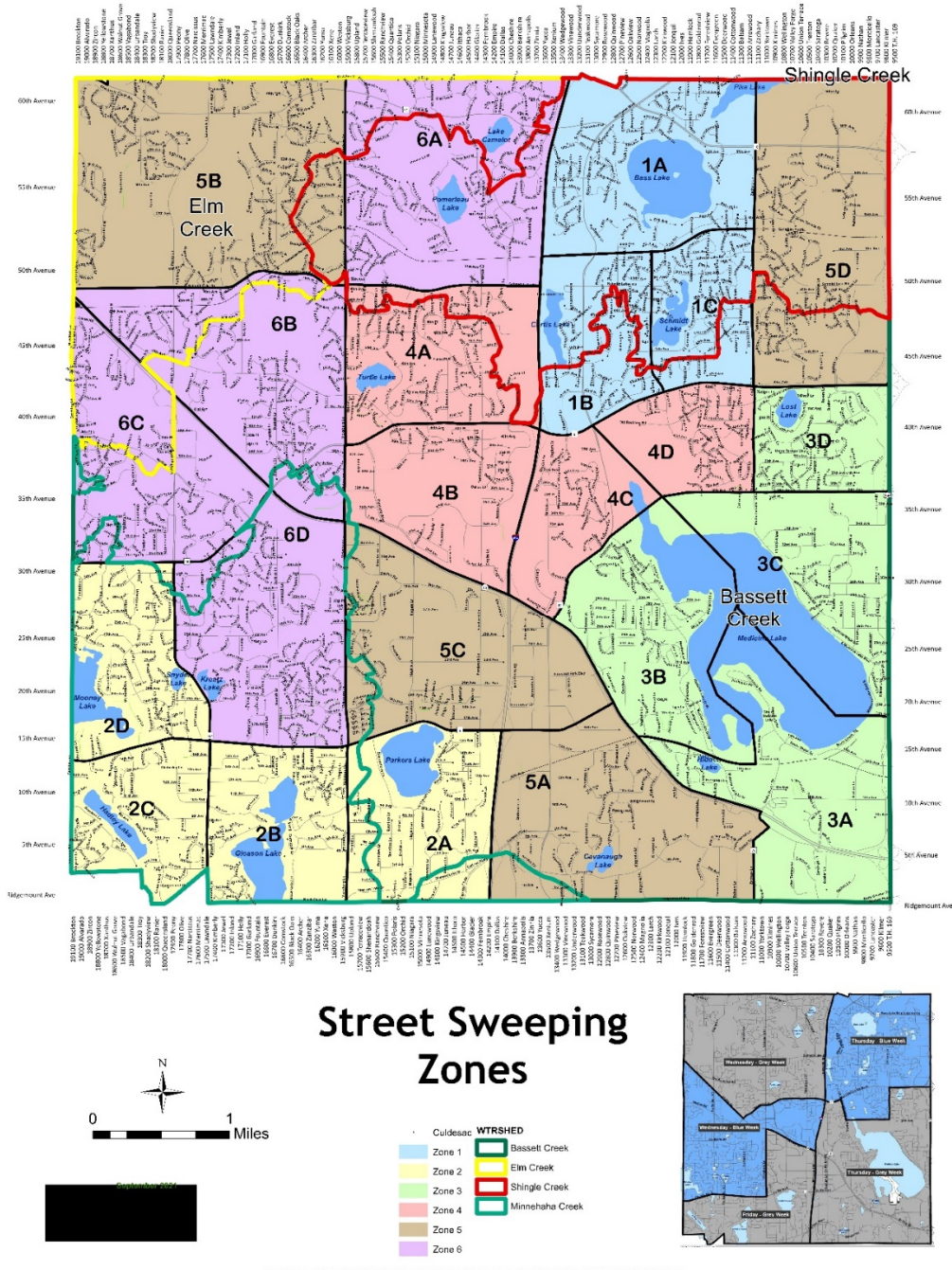
# Regenerative Air Street Sweeper Report

City of Plymouth

September 2021

## Street Sweeping Zones

Below is a map defining the City's street sweeping zones, including broken down by watershed district.



\\fsch\pw\Utilities\Storm Sewer and Water Resources\Water Quality\Street Sweeping\Street Sweeping Report Watershed Report  
Plymouth.docx





DATE: October 6, 2021

TO: Elm Creek Watershed Management Commission (ECWMC)

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

RE: October ECWMC Updates

### **Request for Engineering Services**

Hennepin County has included in the October packet materials a request to utilize Elm Creek Watershed Management Commission's Engineer (Stantec) for assistance in design where a structural engineer is required. As outlined in the request, this is needed as Hennepin County does not have, nor currently contracts with, engineering staff with credentials to provide their technical signature on projects requiring certification from a structural engineer, such as manure bunkers.

### **Project / Program Updates**

#### **Rush Creek Projects**

#### **Jubert Lake Area Agricultural BMPs**

Update:

- Expecting final plans on 5 waterways to be completed by Friday, October 8. Will forward plans to landowner for approval and then seek signature on contract.
- Expecting construction to begin later in the Fall.

Previous:

- Staff conducted site visit with landowner to inspect the installation of waterway and design of "Phase 1" projects.
- Seeding on waterway still needs to be done. A seed mix was developed by staff and sent to landowner.
- Awaiting updates to "Phase 1" design from EOR. Finalized design and contract will then be sent to landowner for signature.

- “Top of Hill WASCOP + Waterway”: Construction is complete. Additional punch list items remain, including seeding, to be completed in September. The WASCOP, intake/pipe and waterway all went in according to plan. See attached photos.
- “Phase 1” projects: County working with project design team (EOR) to finalize design for Phase 1 and begin design work on Phase 2. Construction for Phase 1 scheduled for October following harvest. Phase 2 construction delayed into 2022 to allow time for additional design and permitting.
- “Phase 1” projects include 7 grassed waterways, 1 wetland expansion, and 1 creek stabilization.
- Arens WASCOP + Waterway: Awaiting engineer capacity to complete designs. No information available about intake in road ROW, so will need to make some conservative assumptions about watershed to this project.
- “Phase 2” projects and wetland consulting: County will be requesting proposals for engineering services and wetland permitting assistance.

These projects are on multiple parcels west of Jubert Lake. Design and implementation are being funded through a funding partnership with ECWMC, Hennepin County, the State of MN (Rush Creek CWF grant), and the parcel landowners.

Anticipated Construction	Project	Engineer's Estimate	Commission Share Estimate	Hennepin & LO Share Estimate	Grant Share Estimate
Spring 2021	Top of Hill WASCOP + Waterway	\$32,704.80 <sup>#</sup>	\$8,176.20	\$3,270.48	\$17,987.64
	Arens WASCOP + Waterway	TBD	TBD	TBD	TBD
Fall 2021	Phase 1 BMP 4 – Waterway	\$13,360	\$3,340	\$1,336	\$7,348
	Phase 1 BMP 9 – 2 Waterways	\$26,275	\$6,568.75	\$2,627.50	\$14,451.25
	Phase 1 BMP 13 – 4 Waterways	\$48,127	\$12,031.75	\$4,812.70	\$26,469.85
	Phase 1 BMP Other – Creek Bank Stabilization at Field Crossing	\$7,840	\$1,960	\$784	\$4,312
2022	Phase 1 BMP 11 – Wetland Expansion	\$75,610	\$18,902.50	\$7,561	\$41,585.50
	<b>TOTAL</b>	<b>\$203,916.80</b>	<b>\$50,979.20*</b>	<b>\$20,391.68**</b>	<b>\$112,154.24***</b>

<sup>#</sup> Bid estimate from contractor

\*Commission Capital Funds remaining = \$55,747

\*\*Hennepin and Landowner will contribute 10% each, values in column represents contribution from each party

\*\*\*Grant funds unencumbered = \$31,443.40

### **Rush Creek Landowner Outreach**

- Postcards advertising BMP projects for crop farmers have been finalized mailed out. Returned cards and responses are starting to arrive.
- Planning for an event such as a informational session, webinar are underway. Will most likely take place over the winter. May start a field day or live stream series in Spring 2022.

### **129<sup>th</sup> Ave N, Dayton:**

Update: Currently have approval for the concrete pad and structure. However, Hennepin County still needs a signature from a PE for roof of the structure. Currently exploring options for finding an approved signature.

Previous: Resident has two horses with a paddock, grazing area, and barn. Currently observing saturated areas around the current manure storage area during times with frequent or heavy rainfall leading to runoff into the southwest corner of the property. HC staff has discussed the building of a manure storage bunker on the property with the resident and has developed plans similar to a past project with modifications to match the landowners needs. Staff are currently in need of a structural engineer to sign off on the plans before contracting and implementation can occur.

### **10400 Trail Haven Road, Corcoran**

Update: Responded with the landowner to discuss potential conservation practices. Would not be able to dredge the pond, but there was potential for some drainage management with nearby fields. Landowner was not interested. Referred landowner to the City of Corcoran for further information regarding permitting for dredging the pond.

Previous: Resident contacted Hennepin County to see if there is any assistance available for dredging a pond on the property. Staff is currently responding and will try to conduct a field visit to see if projects can be done to reduce sediment flowing into the parcel.

### **27015 123rd Ave. N, Rogers:**

Update: Proposed filter strip between paddock and pond to landowner. Currently providing literature on the practice and doing some planning of impacts and needs. Working with landowner to see if this is a viable option.

Previous: Landowner requested information regarding financial assistance to implement BMPs to protect water quality of a nearby pond through the Rush Creek Subwatershed grant. Landowner was concerned about runoff from sloped horse paddock and possible nutrient and bacterial contamination. A manure pad, barn gutters, and trench drain had previously been installed on the site. Staff will consider the request along with other applications for funding this summer. Staff conducted a site visit after recent rain events. Noticed considerable accumulation within paddock. Currently looking into potential projects. Also inspected previously installed practices which are working as intended.

### **22275 County Road 117**

Landowner responded to Rush Creek Livestock Mailer with an interest in conservation practices, specifically, fencing, manure bunker construction, and rotational grazing assistance. Currently has a horse, chickens, and goats on property. Staff visited the site and discussed placement of a possible manure bunker. Landowner is also interested in bringing cattle on-site in the future. Rush Creek runs along the southern boundary of the property. Currently has some blockages that will need to be removed. Staff will follow up with landowner with further conservation practices that can be implemented.



### **Bechtold Road and County Road 10, Corcoran**

Landowner responded to the Rush Creek Crop Mailer via phone. Discussed potential conservation measures on farmland which is currently rented. Past work indicates there may be some tile inlets on the property that would be candidates for alternative intakes. Staff will conduct a field visit on October 14.

### **Other Landowner Conservation Assistance:**

#### **10000 Ebert Road:**

Previous: Staff are working on developing a conceptual design with the landowner that meets program and landowner needs. Design will likely include some combination of prairie and mesic forest restorations in upland areas and buffers, waterways, and wetland restorations in lowland areas. Landowner referred to county staff by NRCS after the Conservation Reserve Program did not seem to be the right fit for landowner's conservation objectives. Overall objective is to convert the full 120-acre parcel from agricultural use to restored habitat, which will occur in phases over a timeline that has not yet been determined. County convened a site visit with landowner, USFWS, and NRCS during the week of March 29<sup>th</sup>. Next step will be to confirm presumed tile locations. Likely BMP projects in the short-term will be grading and planting grassed waterways in several areas, and beginning planning, design and engineering work to restore up to 16 individual drained wetlands on the property with native buffers. Landowner currently investigating locations of tile on the northern edge of the property.

#### **21000 Block of Co. Road 117:**

Previous: Kolasa Farm/Enterprise reached out with concerns about a regional drain tile that runs from the properties on north side of Co Rd 117 through the proposed Rains Property wetland banking project. Staff are working with the landowner to address the issue. Landowner is currently investigating and documenting tile locations and potential blockages in the northwest corner of the property.

#### **25880 Territorial Road, Rogers:**

Previous: Landowner requested information about low interest loan options for replacement of a failing septic system. Staff recommend working through Ag BMP Loan process to assess low interest financing. Landowner seeking quote and researching options with participating banks.

#### **14100 117<sup>th</sup> Ave. N., Dayton:**

Previous: Landowner requested information about technical and financial assistance available to add pollinator habitat to about 4 acres of former pasture land. Staff have assisted landowner to identify several locations for "pollinator nodes" in a dense stand of warm season grasses. Areas will be prepped for seed with 2 sprays and some mowing June through September 2021. USFWS Partners for Fish and Wildlife Program will provide seed to be sowed over snow during the winter of 2021/2022.

#### **9825 Sundance Road:**

Previously: Landowner has failing septic identified in the subwatershed assessment as pre-1990 septic system. Landowner did not qualify for a low-interest loan through the AgBMP Loan Program. County is currently working with landowner to find another method to finance a replacement of the failing system such as the SSTS Low-Income Fix Up grant administered by PCA. Staff connected with septic program at Hennepin County. They recommended terraforming on the site to rejuvenate the system. Landowner is currently getting quotes from contractors. Staff are still looking for funding options since the landowner does not qualify for AgBMP loans.

#### **Refuge at Rush Creek Wetland Bank:**

Previous: Neighbors contacted staff regarding City of Corcoran's public notice for a Drainage and Utility Easement Vacation. Staff referred questions to City of Corcoran's wetland consultant.

### **Agricultural Soil Health Initiative**

Previous: Soil health programming will follow in late summer/fall to coincide with cover crop planting and in advance of planning for 2022 growing season. Staff plan to send a follow-up mailer in May to all those that received the original mailers. In late February, Hennepin County staff sent a few dozen mailers to targeted farmers regarding cover crops and other soil health initiatives. County staff will be sharing those materials with the Commission as they become available.

### **Agricultural Conservation Program**

Staff are currently developing options to preserve farmland in Hennepin County. Staff have met with others who have developed similar programs in other areas of the country to learn more about potential options. A mailer was sent to farmers and landowners with agricultural operations to gauge their interest and obtain input on the program. Follow up conversations are currently underway.

### **Environment and Energy Grant now open for application.**

#### **Grants for deconstruction to salvage building materials**

Framing being taken apart during deconstruction project? Funding is available for building projects that use deconstruction techniques instead of standard demolition to remove materials during the destruction, alteration, or renovation of a building. In a deconstruction project, a building is taken apart mostly by hand, and materials are sorted into categories for efficient recycling and reuse.

Property owners and developers can receive up to \$5,000 to help offset the additional time and labor costs associated with deconstruction. Grants are available for demolition or renovation projects on residential properties up to 4 units that are 500 square feet or larger on structures built prior to 1970. Learn more and apply. <https://www.hennepin.us/deconstruction>

#### **Grant for assessment and cleanup of contaminated sites**

Applications are being accepted for [Environmental Response Fund grants](#), which help with the redevelopment of contaminated sites where the added cost of environment cleanup is a barrier to site improvement. Projects supported by the Environmental Response Fund provide a variety of community benefits, including the creation of affordable or moderately priced housing, economic development, green space, and infrastructure improvements.

Eligible applicants include cities, economic development agencies, housing and redevelopment authorities, other local public entities, nonprofit organizations, and for-profit businesses.

**Applications are due November 1.** Prior to applying, contact [brownfields@hennepin.us](mailto:brownfields@hennepin.us) to discuss your project and funding needs.

### **Seed grants for community-based clean energy projects available from CERTs**

Clean Energy Resources Teams (CERTs) have seed grants available for clean energy projects that:

- Support community-based clean energy, including those related to energy conservation and efficiency, renewable energy, electric vehicles, and energy storage.
- Spur projects that are highly visible in their community and can be replicated by others.
- Provide an opportunity for community education about clean energy and its many benefits.

**Applications are due October 26.** [Learn more and apply.](#)

### **Grants available to increase pollinator habitat on residential properties**

The Minnesota Board of Water and Soil Resources and Blue Thumb are now accepting applications for the [Lawns to Legumes program](#), which aims to increase habitat for at-risk pollinators on residential properties.

All Minnesota residents are eligible to apply for individual support grants, which reimburse gardeners for up to \$300 in costs associated with establishing pollinator habitat in their yards. The program also offers workshops, coaching, and planting guides.

**Applications for 2022 projects will be accepted through February 15, 2022.** [Learn more and apply.](#)

DATE: October 6, 2021

TO: Elm Creek Watershed Management Commission

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

RE: REQUESTED COMMISSION ACTION, Structural Engineering Services

## Background

Hennepin County staff have been engaging several landowners in the Elm Creek Watershed regarding manure management on their property. A few of these projects are in the process of moving forward, with landowners requesting assistance to design a manure bunker for their property to meet the needs of their unique operations.

These designs, like other engineered designs developed in our office, require the signature of a licensed professional that can certify the design meets the standards necessary to ensure its use through its design lifetime. Manure bunkers, in particular, require the certification of a structural engineer. Hennepin County Environment and Energy does not have structural engineers on staff. In cases where we've partnered with NRCS, we've been able to utilize staff they have which have received the necessary certifications to sign these designs. Unfortunately, those staff are not available for projects ineligible for NRCS funding. For those projects, Hennepin County has been unable to identify another structural engineer either employed by the county or by a local government partner (e.g. Metro Conservation Districts).

Hennepin County staff would like to engage Stantec, Elm Creek Watershed Management Commission's (ECWMC) engineer, for this assistance.

This request was brought to the ECWMC Technical Advisory Committee (TAC) on August 26, 2021. The TAC supported this request after discussion, and pending Commission approval. They primarily had two questions/concerns:

- 1) TAC question: Why doesn't the county directly solicit with Stantec, rather than go through ECWMC?
  - a. Answer: The County's new contracting initiatives do not allow us to easily direct select a consultant that isn't a small and/or minority-owned business. Stantec's experience in the area and relationship to the Commission are strong reasons for us to prefer their assistance with this work.
- 2) Concerns with timing, as it will require commission approval, then discussion with Stantec.

- a. County staff felt that, despite any delays, this would still be the best avenue to efficiently (but thoroughly) completing designs.

## **Commission Request**

Hennepin County staff are requesting approval from the Commission to engage Stantec for their engineering services for projects in the Elm Creek Watershed requiring certification by a structural engineer.

Payment for these services can be provided through existing agreements between the ECWMC and Stantec and ECWMC and Hennepin County. Stantec would track time to this effort separately from time for ECWMC services, and Hennepin County would reimburse costs for this time.