

elm creek Watershed Management Commission

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

March 2, 2022

Representatives
Elm Creek Watershed Management Commission
Hennepin County, MN

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

Dear Representatives:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, March 9, 2022, 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 and click **Join A Meeting**. The meeting ID is **990-970-201**. The password is **water**.

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

Meeting ID: 990 970 201. Passcode: 579973

Meetings remain open to the public via the instructions above.

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

Thank you.



Judie A. Anderson

Administrator

JAA:tim

Encls: Meeting Packet

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

Z:\Elm Creek\Meetings\Meetings 2022\03 Notice_reg meeting .docx

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AGENDA Regular Meeting March 9, 2022

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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 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.*
3. Open Forum.
4. Election of Officers.

Nominees are Doug Baines, Dayton, Chair; Catherine Cesnik, Plymouth, Vice Chair; Bill Walraven, Champlin, Secretary; and Ken Guenther, Corcoran, Treasurer.
5. Annual Appointments.

a. Official Newspaper – Osseo-Maple Grove Press	c. Deputy Treasurer – Judie Anderson
b. Official Depositories – U.S. Bank, 4M Fund	d. Auditor – Johnson & Company, Ltd.
6. Action Items.
 - a. Project Reviews – *also see Staff Report.**
 - b. Technical Advisory Committee.
 - 1) Rice Lake Subwatershed* – *recommended for approval at January TAC meeting.*
 - 2) O&M Agreements* – *recommended for approval at February TAC meeting.*
 - 3) Revisions to Cost Share Policy* – *recommended for approval at February TAC meeting.*
 - c. Draft 2022 Work Plan.*
5. Old Business.
 - a. PRAP subcommittee report – verbal update.
6. New Business.
7. Communications.
 - a. Staff Report.*
 - b. Communications Log.*
 - c. County Staff Report.*

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

8. Education.
 - a. WMWA – next meeting – April 12, 2022, at 8:30 a.m. This will be a **virtual** meeting.
9. Grant Opportunities and Updates.
 - a. 2022-2023 WBIF Convene Process.*
 - 1) Convene Program.*
10. Project Reviews.

Item No.	A	E	I RPF	AR	Project No.	Project Name
			RP DD			
					W=wetland project	
ba.				AR	2014-015	Rogers Drive Extension, Rogers.
bb.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
bc.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
bd.				AR	2017-014	Laurel Creek, Rogers.
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f.					2021-030	Tri-Care Grading and Roads, Maple Grove
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cb.					2021-041	Carlson Ridge, Plymouth.
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m.	A	E			2021-043	Northwood Community Church Maple Grove.

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w.				2021-054	Stotts Family Farm Grassed Waterways, Corcoran.
x.				2021-055	Morningside Estates 6 th Addition, Champlin.
y.				2022-001	Dayton Field 2nd Addition, Dayton.
z.				2022-002	Summerwell, Maple Grove.
aa.				2022-003	Fox Briar Ridge East, Maple Grove.
ab.		E		2022-004	Loram-Scannell Medina Industrial EAW, Medina.
ac.	A	E		2202-005	Bellwether 7 th , Corcoran.
ad.				2022-006	Hamel Townhomes, Medina.
ae.				2022-007	Weston Commons 2nd, Maple Grove.
af.				2022-008	Bechtold, Corcoran.

= 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 2022\03 Regular Meeting Agenda.docx

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Regular Meeting Minutes February 9, 2022

I. A virtual meeting of the Elm Creek Watershed Management Commission was called to order at 11:30 a.m., Wednesday, February 9, 2022, by Chair Doug Baines.

Present were: Gerry Butcher, Champlin; Ken Guenthner, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Terry Sharp, Medina; Catherine Cesnik, Plymouth; David Katzner, Rogers; and Amy Juntunen and Judie Anderson, JASS.

Also present: Heather Nelson, Champlin; Kevin Mattson, Corcoran; Nico Cantarero, Stantec, Dayton; Derek Asche and Mark Lahtinen, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Ross Mullen, Ed Matthiesen, and Diane Spector, Stantec; James Kujawa, Surface Water Solutions; Rebecca Carlson, Resilience Resources; Kris Guentzel and Kevin Ellis, Hennepin County Environmental Services (HCEE); and Brian Vlach, Three Rivers Park District (TRPD).

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

B. Motion by Guenthner, second by Sharp to approve the consent agenda:

1. **Minutes*** of the January 12, 2022, regular meeting.

2. **February Treasurer's Report and Claims*** totaling \$22,126.99, plus an additional claim* from Hennepin County in the amount of \$1,685.64.

Motion carried unanimously.

II. **Open Forum.**

III. **Action Items.**

A. **Project Reviews.**

1. **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 demolishes these office buildings and constructs a church on the 10.56-acre parcel. The project was reviewed for Rules D, E, G, and I. In their findings dated January 19, 2022, Staff recommend approval of the project conditioned on receipt of the escrow fee balance and a Stormwater Maintenance Agreement enacted between the applicant and the city. Motion by Guenthner, second by Trainor to approve Staff's recommendations. *Motion carried unanimously.*

2. **2021-046 Len Busch Roses, Plymouth.*** This project proposes to add an additional 25,000-square foot greenhouse on this site, disturbing 1.70-acres and creating 0.64-acres of new impervious on the site. The project was reviewed for Rules D and E. In their findings dated January 12, 2022, Staff recommend approval of the project with two conditions: receipt of escrow fee balance and a Stormwater

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

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

*indicates enclosure

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

Maintenance Agreement enacted between the applicant and the city. Motion by Trainor, second by Butcher to approve Staff's recommendations. *Motion carried unanimously.*

3. 2021-047 County Road 10 Box Culvert Replacement, Corcoran.* Hennepin County will be replacing an existing 6'x10' box culvert with a box culvert embedded one foot, a 6'x4 box culvert approximately two feet above the 6'x6' box culvert, and a 3-foot diameter circular pipe approximately four feet above the 6'x6' box culvert to replicate the existing flows of Hennepin County Ditch #16 under CR 10. The project was reviewed for Rules D, E, F, G, and H. In their findings dated January 13, 2022, Staff recommend approval of the project pending receipt of the escrow fee balance and an approved wetland alterations plan. Motion by Guenthner, second by Trainor to approve Staff's recommendations. *Motion carried unanimously.*

B. Technical Advisory Committee (TAC) Recommendations.

In the meeting packet were two memos dated December 22, 2021, from Wenck/Stantec regarding rules revisions. At their January meeting the TAC approved a number of changes to revise or clarify the Commission's existing rules regarding Low Floor/Freeboard, Linear Projects, and Infiltration/Abstraction. Mullen presented the proposed revisions for the Commissioners' consideration. After much discussion, it was a consensus to return the revisions to the TAC for some suggested wordsmithing.

IV. Old Business.

A. The **PRAP subcommittee** will convene at 1:00 on February 16, 2022.

B. Included in the meeting packet was the final draft of the **2021 Work Plan in Review.*** Its contents will be inserted into the Commission's 2021 Annual Activity Report.

V. New Business.

A. A **draft 2022 Work Plan*** was presented to the TAC members and the Commissioners. Staff requests revisions/additions by Friday, February 25, so that the final draft plan can be accepted at the March meeting.

B. Asche recapped the **Technical Advisory Committee meeting** that preceded this meeting.

1. The TAC received two proposals to revise and complete the **floodplain mapping project**. These proposals were in response to a determination identified in Stantec's third party review that there were significant differences between the flood elevations in community hydrologic and hydraulic models and the Preliminary HUC-8 Study just completed. It was a consensus that the Commission should direct a letter to the DNR describing where the Commissioners believe they are relative to receiving a complete and accurate floodplain mapping work product.

2. Members of the TAC also approved **revisions to the Commission's cost share policy** relating to capital projects and the ad valorem levy process. The revised policy will be brought to the Commission at its March meeting.

3. Language pertaining to the receipt of **Operation and Maintenance Agreements** as part of the project review approval process will be revised to eliminate the onus on the Administrative staff to collect them in order to complete the approval process and finalize escrows. This item will also be brought to the Commission in March.

4. Spector updated the TAC members on the **Watershed-Based Implementation Fund process for 2022-2023**. Nelson from Champlin and Cantarero from Dayton volunteered to be the two city representatives.

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C. Nominations for Officers. Election of officers will occur at the March meeting. Nominees are Baines, Chair; Cesnik, Vice Chair; Bill Walraven, Champlin, Secretary; and Guenther, Treasurer.

D. Volunteers are being solicited for **CAMP monitoring** this year. Staff will review which lakes are needful of monitoring data.

VI. Communications.

A. 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 4 of these minutes are discussed in this month's report. Mullen provided his **Communications Log*** of activities related to project reviews as an addendum to the Staff Report.

B. Hennepin County Staff Report.*

1. The **2022 Technical Services Agreement*** with the Commission was included in the meeting packet. Exhibit B, Volunteer Monitoring Programs and Educational Services, has been removed from the agreement. That Exhibit covered the County's RiverWatch and Wetland Health Evaluation Program (WHEP) services. These programs have been on hold since 2020 and are both under review by County leaders to determine what programming can occur in 2022. Some events may occur later this summer and fall, but the County does not intend to invoice partners for that work. Therefore, that Exhibit has been removed for 2022. The County may consider adding it back to the 2023 Technical Services Agreement if activities in either program return to pre-pandemic levels.

The not-to-exceed (NTE) value for landowner technical services has been increased to \$17,000. (This increase is offset by the decrease in monitoring services, above.) This change was made as the County's staff investment in landowner services has steadily increased over the last several years. In 2021, the County invested about \$45,000 in staff time to conservation work and coordination in Elm Creek Watershed's jurisdiction and anticipate that work to continue (and potentially increase) in 2022.

Motion by Guenther, second by Butcher to approve the 2022 Cooperative Agreement with Hennepin County. *Motion carried unanimously.*

2. A summary of the work done in 2021 for the **Rush Creek CWF grant** has been submitted to BWSR. Included in the County report was a recap of the activities that occurred under that program.

3. Information on **grants to increase pollinator habitat on residential properties** was also included in the report.

VII. Education and Public Outreach.

A. The West Metro Water Alliance (WMWA) met on February 8, 2022.

B. Blue Thumb/Metro Blooms. WMWA will be forwarding to the cities in the four member WMOs (Bassett Creek, Elm Creek, Shingle Creek, and West Mississippi) information about 2022 potential resilient yards workshops that Metro Blooms now offers virtually. City sponsorship may fulfil an MS4s obligation to provide workshops or other learning opportunities to their residents.

C. Flyer Update. The pet waste and water softener flyers have been completed and work is nearly done on the proper ice melt use flyer. These will be available to all the MS4s in the WMOs to help meet their NPDES permit obligations.

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D. Watershed PREP. The new educator, Jessica Sahu Teli, is working with the retiring educator to solicit classroom opportunities for this spring.

E. The next meeting will be held via Zoom at 8:30 a.m., March 8, 2022.

VIII. Grant Opportunities and Project Updates.

FY22-23 Watershed-based Implementation Funding Program.* For the coming year, the group of participants in each watershed allocation area will be called a partnership, e.g., the Elm Creek partnership, and meetings will be referred to as Convene meetings. BWSR staff have confirmed that the Convene process may now begin, and that the development of a work plan(s) may occur starting in June 2022. The TAC was charged with initiating the Convene process at its February 2022 meeting. (See V.B.4., above.) Guentzel or Ellis will represent Hennepin County in its capacity as the county SCWD. Baines volunteered to be the Commission's representative.

The first official Convene meeting will be held at the end of the March 9, 2022, TAC meeting, just prior to the regular March meeting of the Commission. At that meeting the group will begin discussing options for the use of the funds.

IX. Other Business.

X. Adjournment. There being no further business, motion by Butcher, second by Baines to adjourn. *Motion carried unanimously.* The meeting was adjourned at 1:28 p.m.

Respectfully submitted,



Judie A. Anderson
Recording Secretary
JAA:tim

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Elm Creek Watershed Management Commission Treasurer's Report

		2022 Budget	Feb 2022	Mar 2022	2022 Budget YTD
EXPENSES					
Administrative		95,000	10,884.05	9,823.78	20,707.83
Grant Writing		500			0.00
Website		3,000	46.90	29.40	76.30
Legal		2,000	31.00	232.50	232.50
Audit		6,000			0.00
Insurance		3,800			0.00
Miscellaneous/Contingency		1,000			0.00
Technical Support - HCEE		12,000	1,685.64		0.00
Floodplain Mapping		0	1,072.50		0.00
Project Review Technical		107,500	4,204.50		0.00
Other Technical		77,500	4,620.00		0.00
Project Reviews - Admin Support		15,000	1,219.46	775.90	1,995.36
Stream Monitoring USGS		24,000			0.00
Stream Monitoring TRPD		9,345			0.00
DO Longitudinal Survey		1,200			0.00
Rain Gauge		420	28.42	27.42	55.84
Lakes Monitoring - CAMP		840			0.00
Lakes Monitoring - TRPD					0.00
Sentinel Lakes		8,460			0.00
Additional Lake		1,352			0.00
Aquatic Vegetation Surveys		1,300			0.00
Wetland Monitoring (WHEP)		4,000			0.00
Education		2,500		20.25	20.25
WMWA General Activities		5,000			0.00
WMWA Implementation/Watershed Prep		4,500			0.00
Rain Garden Wkshops/Intensive BMPs/Special Proj		2,000			0.00
Macroinvertebrate Monitoring-River Watch		3,000			0.00
Studies / Project ID / SWA		0			0.00
CIPs General		3,000		492.86	492.86
Rush Creek SWA Implementation		106,050			
Plan Amendment		2,000			0.00
Contribution to 4th Gen Plan		12,500			0.00
Transfer to (from) Capital Projects (see CIP Tr		291,638			0.00
Transfer to (from) Cash Sureties (see below)			20.16	19.95	40.11
Transfer to (from) Grants (see below)		125,000	-	-	0.00
To Fund Balance					0.00
TOTAL - Month			23,812.63	11,422.06	23,621.05
TOTAL Paid in 2022, incl late 2021 Expenses		931,405.00	97,925.50	109,347.56	2022 Paid
			2021 Activity		

Elm Creek Watershed Management Commission Treasurer's Report

		2022 Budget	Feb 2022	Mar 2022	2022 Budget YTD
INCOME					
Project Review Fee		107,500	19,575.00		19,575.00
Project Review Fee 2021 Additional Due			17,172.00		
Refund Project Fee					0.00
Nonrefundable Admin		15,000			
Nonrefundable Technical		16,125			
Water Monitoring - TRPD Co-op Agmt		6,000	5,229.61		0.00
Member Dues		237,300			237,300.00
Interest/Dividends Earned		5,250	12.77		25.50
Transfer to (from) Capital Projects (see CIP Tr		291,638			0.00
Transfer to (from) Grants (see below)		125,000	-	-	0.00
Rush Creek SWA Implementation		79,537			
Transfer from Assigned Fund Balance		26,513			
Misc Income / Contingency		10,750			0.00
From Unrestricted Cash Reserves		10,792			0.00
Total - Month			41,989.38	0.00	256,900.50
TOTAL Rec'd 2022, incl late 2021 Income		931,405.00	263,371.49	263,371.49	2022 Received
			2021 Activity		
CASH SUMMARY		Balance Fwd			
Checking		0.00			
4M Fund		1,503,168.70	1,668,614.69	1,657,172.68	
Cash on Hand			1,668,614.69	1,657,172.68	
CASH SURETIES		Balance Fwd			Activity 2021
WCA Administrative Escrows		338	(20.16)	(19.95)	-40.11
WCA Monitoring Escrows		7,767			0.00
Total Cash Sureties		8,105	8,084.61	8,064.66	
Deferred Revenue - 2019 WBIF Grant		67,243			
Total Restricted Cash		75,348	75,367.93	75,387.88	
RESTRICTED / ASSIGNED FUNDS		Balance Fwd			
Restricted for CIPs		688,630	-	-	688,630.35
Enc. Studies / Project Identification / SWA		180,120	-	-	180,120.01
Total Restricted / Assigned Funds		868,750	868,750.36	868,750.36	
Claims Presented		General Ledger Account No	February	March	TOTAL
Campbell Knutson - Legal		521000		232.50	232.50
Connexus - Rain Gauge		551100		27.42	27.42
Stantec					0.00
Project Review Technical		578050			
Other Technical		578050			
JASS					11,162.14
Administration		511000		7,248.95	
TAC Support		511000		1,546.54	
Annual Reporting/Work Plan		511000		512.00	
Website		581000		29.40	
Project Reviews		578100		775.90	
HUC-8 -Floodplain Mapping Admin		580430		446.29	
WCA Admin Reimbursable Mayers		240301		19.95	
Cost Share Admin		511000		70.00	
Education		590000		20.25	
CIPs General		563001		492.86	
TOTAL CLAIMS					11,422.06

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
January 31, 2022
Account # 1448G

SUMMARY STATEMENT

PREVIOUS BALANCE	FEES	EXPENSES	CREDITS	PAYMENTS	BALANCE
1448-0000 RE: GENERAL MATTERS					
SERVICES RENDERED TO DATE:					
108.50	232.50	0.00	0.00	-108.50	<u>\$232.50</u>

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
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Attorneys at Law
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3235 Fernbrook Lane
Plymouth MN 55447

Page: 1
January 31, 2022
Account # 1448-0000G
235

RE: GENERAL MATTERS
SERVICES RENDERED TO DATE:

			HOURS	
01/03/2022	JJJ	Emails Judie re: rules/O & M agreements, escrows.	0.30	46.50
01/04/2022	JJJ	Emails Judie re: O & M stormwater agreements, Commission rules/requirements/escrows.	0.70	108.50
01/20/2022	JJJ	Emails Judie re: Maintenance Agreement issue follow-ups.	0.50	77.50
		AMOUNT DUE	1.50	232.50
		TOTAL CURRENT WORK		232.50
		PREVIOUS BALANCE		\$108.50
01/25/2022		Payment - thank you		-77.50
02/15/2022		Payment - thank you		-31.00
		TOTAL PAYMENTS ON ACCOUNT		-108.50
		TOTAL AMOUNT DUE		<u>\$232.50</u>

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.



Monthly Statement

Service Address
ELM CREEK RD
DAYTON MN

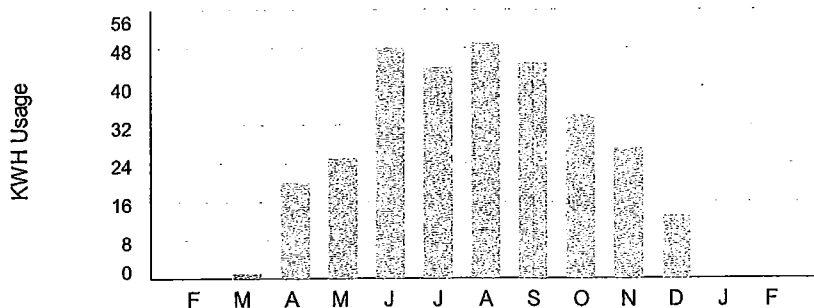
Billing Summary

Billing Date: Feb 17, 2022

Previous Balance	\$28.42
Payments - Thank You!	\$28.42
Balance Forward	\$0.00
New Charges	\$27.42
Total Amount Due	\$27.42
Payment must be received on or before March 13, 2022	

Energy Comparison

Previous Months' Usage Current Month's Usage



How to contact us

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

Account Number:

481113-238425

ELM CREEK WATERSHED MGMT ORG

Total Amount Due

\$27.42

Due Date

March 13, 2022

Message Center

Get \$1,500 For Your Favorite Charity

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

Say Goodbye to Paper

Check out the latest online options to make managing your account even easier. It's Free and Easy to enroll your account online at connexusenergy.com.

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

TRA3-D-000157/000317 VG0UUE S1-ET-M1-C00001 1



Account Number:

481113-238425

Total Amount Due

\$27.42

Payment Due By

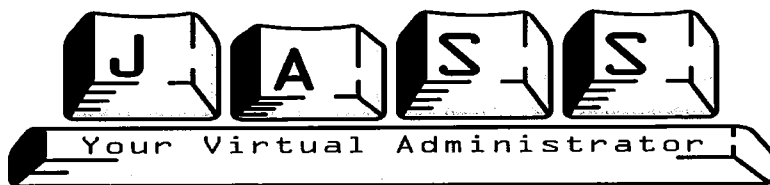
March 13, 2022

000157 1 MB 0.482 000157/000157/000317 002 02 VG0UUE
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325



Connexus Energy
PO Box 1808
Minneapolis, MN 55480-1808

00002742 0004811130238425 000000 000000 000000000000 00000004



3235 Fernbrook Lane
Plymouth MN 55447

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

28-Feb-22

Total by
Project Area

Administrative	0.750	65.00	48.75	
Administrative	54.280	70.00	3,799.60	
Administrative - PRAP		70.00	0.00	
PRAP - virtual	2.650	75.00	198.75	
Admin - virtual	4.500	75.00	337.50	
Office Support	12.00	200.00	2,400.00	
Storage Unit	1.00	169.67	169.67	
Data Processing/File Mgmt		65.00	0.00	
Drop Box Subscription		129.88	0.00	
Archiving		65.00	0.00	
Admin - Reimbursable Expense	294.68	1.00	294.68	7,248.950
Admin - TAC support		65.00	0.00	
Admin - TAC support	16.94	70.00	1,185.80	
Admin - TAC support virtual	4.50	75.00	337.50	
TAC Support - Reimbursable Expense	23.24	1.00	23.24	1,546.540
Website		65.00	0.00	
Website	0.42	70.00	29.40	
Web Domain, hosting		1.00	0.00	29.400
Annual Reporting/Work Plans		65.00	0.00	
Annual Reporting/Work Plans	7.25	70.00	507.50	
2021 Work Plan		70.00	0.00	
Annual Reporting/Work Plan - Reimbursable Expense	4.50	1.00	4.50	512.000
Project Reviews - Admin	4.95	70.00	346.50	
Project Reviews - Admin Specific	5.23	70.00	366.10	
Project Reviews - Admin - File Mgmt		65.00	0.00	
Project Reviews - Reimbursable Expense	63.30	1.00	63.30	775.900
Floodplain Mapping - Admin	6.02	70.00	421.40	
Floodplain Mapping - reimbursable	24.89	1.00	24.89	
WCA - Reimbursable Expense		1.00	0.00	446.290
WCA - Admin - reimbursable Mayers		70.00	0.00	
WCA - Reimbursable Expense -Mayers	19.95	1.00	19.95	19.950
Education - Admin virtual - Blue Thumb Partner Event	0.270	75.00	20.25	
Education - Reimbursable Expense		1.00	0.00	20.250
CIPs - General - Secretarial		65.00	0.00	
CIPs - Administrative	6.85	70.00	479.50	
CIPs- Offsite Admin		75.00	0.00	
CIPs - reimbursables	13.36	1.00	13.36	492.860
Cost Share - admin		65.00	0.00	
Cost Share - administrative	1.00	70.00	70.00	
Cost Share - reimbursable expense		1.00	0.00	70.000

Invoice Total

11,162.140

elm creek Watershed Management Commission

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

Evanswood Maple Grove Project #2021-050

Project Overview:

Location: The project site is located north of 101st Avenue North and east of Troy Lane in Maple Grove.

Purpose: The proposed project is for a 365-unit housing development including 227 single family homes and 138 attached townhouse units. Stormwater facilities will be constructed on-site and include five retention basins, four retention basins with filtration benches, and one stormwater reuse basin.

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

Applicant:	TEG Land Holding, LLC	Attention:	Tracey Rust
Address:	1660 Hwy 100 South Suite 400, Saint Louis Park, MN 55416	Phone:	952-221-2566
		Email:	tracey.rust@sotarra.com

Agent:	Pioneer Engineering	Attention:	Nick Polta
Address:	2422 Enterprise Drive, Mendota Heights, MN 55120	Phone:	612-251-0607
		Email:	npolta@pioneereng.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	November 29, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	November 29, 2021
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	November 29, 2021
	<input checked="" type="checkbox"/> Review fee: \$5,400	October 25, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	November 30, 2021

Submittals

1. Elm Creek Watershed Management Commission Project Review Fee Schedule
2. Site Construction Plans, prepared by Pioneer Engineering, dated October 22, 2021, revised on November 22, 2021 and February 21, 2022
3. Elm Creek Watershed Management Commission Request for Plan Review and Approval, dated October 21, 2021

4. *Stormwater Management Plan*, prepared by Pioneer Engineering, dated October 22, 2021
 - a. *Stormwater narrative*
 - b. *Existing Conditions Drainage Map*, prepared by Pioneer Engineering, dated October 22, 2021
 - c. *Proposed Conditions Drainage Map*, prepared by Pioneer Engineering, dated October 22, 2021
 - d. *Existing HydroCAD model run for the 2-, 10-, and 100-year events*, dated October 22, 2021
 - e. *Proposed HydroCAD model run for the 2-, 10-, and 100-year events*, dated October 22, 2021
 - f. *PondNet Model, Existing and Proposed Conditions*, not dated
 - g. *Stormwater reuse calculations and figure*, dated October 22, 2021
 - h. *Geotechnical Exploration and Engineering Review*, prepared by Braun Intertec, dated January 8, 2020
 - i. *Floodplain Impacts and Compensatory Storage drawings* not dated
5. *Draft Response to Wenck Comments* prepared by Pioneer Engineering, dated February 4, 2022
6. *Tailwater Calc Table* prepared by Pioneer Engineering, dated February 17, 2022
7. *Response to Watershed Comments Evanswood* prepared by Pioneer Engineering, dated February 21, 2022
8. *Radintz Parcel Maple Grove Delineation Addendum* prepared by Kjolhaug Environmental Services Company dated September 23, 2021
9. *Evanswood Maple Grove WCA and USACE Application* prepared by Kjolhaug Environmental Services Company dated February 8, 2022
10. Copy of *FEMA Letter of Map Revision Determination of Case 18-05-4086P* Issue Date: September 17, 2019; Effective Date: January 31, 2020

Findings

General

1. A complete application was received November 30, 2021. The initial 60-day decision period per MN Statute 15.99 expired January 29, 2022. It was extended by an additional 60-days to March 30, 2022.
2. The 177.3-acre project site is located directly west of the I-94/Highway 610 interchange in the City of Maple Grove. Rush Creek runs through the middle of the project site and North Fork Rush Creek runs through the far northern portion of the site within a designated outlot.
3. The existing conditions of the project site consist mostly of agricultural fields with small areas of woods and an existing farmstead, barn, silo, and constructed pond. The existing farmhouse and associated will be removed prior to development.
4. The current project proposes mass grading of the site to construct a 365-unit housing development along with roads, utilities, and stormwater treatment facilities including four retention basins with filtration benches, five retention basins without filtration benches, and one stormwater reuse basin. It also appears that Troy Lane, 101st Avenue, and 105th Avenue N. will be reconstructed as well.
5. The project will disturb 108.5-acres and create approximately 45.77 acres of impervious surface.
6. Four retention basins with filtration benches, five retention basins without filtration benches, and one stormwater reuse basin are proposed to function as volume, water quality, and rate control for the site. It is noted that stormwater reuse, biofiltration, and disconnected impervious surfaces are used for abstraction credits to meet volume control.

7. The Rush Creek corridor is both a FEMA floodplain and Elm Creek jurisdictional floodplain.
8. Natural wetlands were identified along the Rush Creek corridor and will remain largely undisturbed by construction of the project.
9. Because soil borings indicate lean clay and sandy lean clay as underlying soils throughout much of the site and beneath the proposed basin footprints, infiltration is not feasible.

Rule D – Stormwater Management (plans)

Rate Controls

1. Rate control measures **meet** Commission standards.
2. Rate control for the site was provided by eight stormwater retention basins, four with biofiltration benches and five without biofiltration benches, and one stormwater reuse pond that collect runoff prior to discharging to Outlot D (east/northeast side of the site) which ultimately drains to Rush creek.
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized in Table 1.
4. Drawdown times meet Commission standards.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
To Rush Creek	Pre-Project	159.6	299.5	572.5
	Proposed	55.1	116.00	258.9
	Change	-104.5	-183.5	-313.6
Southwest toward intersection of 101th Avenue North and Troy Lane	Pre-Project	2.2	26.4	73.3
	Proposed	0.9	2.0	4.6
	Change	-1.3	-24.3	-68.7
South toward 101th Avenue North	Pre-Project	11.5	15.8	25.5
	Proposed	0.0	0.1	0.1
	Change	-11.5	-15.7	-25.4
East toward 105th Avenue North	Pre-Project	1.4	2.7	5.2
	Proposed	0.00	0.00	0.00
	Change	-1.4	-2.7	-5.2
West toward Brockton Lane	Pre-Project	0.0	0.0	3.4
	Proposed	0.0	0.0	0.7
	Change	0.0	0.0	-2.7

Low Floor Elevations

Low floor elevations for home **meet** Commission standards and have 2-feet of freeboard above the high-water level and are at least one foot above the EOF.

BMP Name	EOF (feet)	100-year Flood Elevation	Low Floor of Hydraulically Connected Structure (feet)
100P	925.7	922.6	928.0
200P	926.0	925.2	930.8
300P	933.7	932.9	935.5
400P	931.3	921.5	932.8
500P	915.5	911.0	928.2
600P	938.1	934.6	941.5
700P	919.6	919.1	921.8
800P	929.2	926.4	951.3
900P	912.0	910.7	925.5
Rush Creek	N/A	Approx. 913-918	Varies (low structure at 919.9)

Abstraction Controls

Abstraction controls **meet** Commission requirements.

1. Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils. Soil borings completed by Braun Intertec on December 9, 2019, were reviewed and confirm the design assumptions relating to low infiltration capacity of native soils at the site.
2. The project proposes to construct 45.77 acres of impervious, 41.43 acres of which is net new impervious.
3. The project is required to provide 1.1-inches of abstraction based on the new 41.43 acres of impervious surface in the amount of 3.80 acre-feet (165,422 cubic feet).
4. The applicant intends to provide abstraction control and water quality treatment by using four stormwater basins with filtration benches, five stormwater basins without filtration benches, disconnected impervious surfaces, and stormwater reuse.
5. The applicant used version 2.2 (dated May 2021), which was the latest version at the time the applicant's submittal, Ramsey-Washington Metro Watershed District Stormwater Reuse Calculator to demonstrate 167,314 cubic feet of abstraction credits based on:
 - a. A 12.2-acre runoff collection area, including the proposed buildings, pavements and other impervious surfaces proposed.
 - b. A 5.5 acre-water reuse application area over the pervious surfaces (turf grass) on the site.
 - c. Irrigation in the amount of 1-inch equivalent weekly during the growing season (May-September), which the default (recommended) watering equivalent in the Ramsey-Washington Metro Watershed District Stormwater Reuse Calculator over the 12.2-acre application area.
 - d. Dead storage in the water reuse pond 700P of the amount 1.24 acre-feet (76,455 cf).
 - e. The Ramsey-Washington Metro Watershed District Stormwater Reuse Calculator compares the amount of average annual volume reduction that will be achieved with the parameters above to the average annual volume that would be achieved by an infiltration

system designed to meet Ramsey-Washington Metro Watershed District rules (infiltration of 1.1 inches of runoff from new and reconstructed impervious surfaces).

- f. The calculator indicates the applicant should be providing 0.314 acre-feet (167,314 cf) of volume credits for stormwater reuse.

Table 2 Summary of Abstraction Credits

BMP Practice	Abstraction Comments	Abstraction Credit (acre-ft)	Abstraction Credit (cubic feet)
Disconnected Impervious	Based on 4.28-acres of disconnected impervious	0.392	17,076
Biofiltration – 100P	Credits based on Water Quality Volume	1.582	68,912
Biofiltration – 400P	Credits based on Water Quality Volume	1.340	58,370
Biofiltration – 600P	Credits based on Water Quality Volume	0.360	15,682
Biofiltration – 800P	Credits based on Water Quality Volume	0.341	14,854
Stormwater Re-use (700P)	Credits based on RWMWD Stormwater Reuse Calculator	0.314	13,678
TOTAL		4.329	188,571

Water Quality

Water quality controls **meet** the Commission's standards.

1. The applicant intends to provide abstraction control and water quality treatment by using four stormwater basins with filtration benches, five stormwater basins without filtration benches, utilizing disconnected impervious surfaces, and stormwater reuse.
2. Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils. Soil borings completed by Braun Intertec on December 9, 2019 were reviewed and confirm the design assumptions relating to low infiltration capacity of native soils at the site.
3. The applicant used a PondNET model in conjunction with the MPCA Stormwater Manual Calculations to demonstrate water quality compliance for the project.
 - a. PondNET is cited on the Elm Creek website as an accepted water quality model; however it is unable to simulate filtration and stormwater reuse. The applicant used equations published on the MPCA Stormwater Manual website to estimate removals of TP and TSS for these BMP's. The applicant indicated they were unwilling to use P8 or MIDS, which are able to simulate these processes.
4. Elm Creek technical staff developed a MIDS model to verify the applicants stated removals.

5.

Table 3 Abstraction Control and Water Quality Criteria Summary¹

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet)	TP (lbs/year)	TSS (lbs/year)
Pre-Project	57.9	N/A	47.2	85.80
Proposed (w/o BMP's)	146.4	165,422 (required abstraction)	119.4	21,700
Proposed (w/ BMP's)	102.2	188,571	47.1	16,630
Change	+44.3	+23,149 (excess)	-0.1	-5,070

¹ Analysis completed in MIDS calculator by ECWMC technical staff

Operation and Maintenance

Because the stormwater BMP's provide treatment to public roads, the city of Maple Grove has agreed to assume responsibility of operation and maintenance of many of the proposed stormwater treatment facilities. A stormwater Operation and Maintenance agreement shall be required for all stormwater BMP's that the city does not agree to operate and maintain.

The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded for the stormwater reuse BMP. Because the irrigation system included with the stormwater reuse BMP is part of the overall water reuse system that is necessary to meet the Commission's standards, the irrigation system shall be included in the Stormwater Maintenance Agreement. The applicant should provide irrigation distribution plans (pipe locations, size, preliminary pump plan, augmentation water info, area to be irrigated, and demonstration that the receiving soils have infiltration capacity) and an Operation and Maintenance Plan for the stormwater system, including the irrigation system.

Rule E – Erosion and Sediment Control (plans)

1. Plans **do not meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Rock construction entrance
 - b. Silt fence
 - c. Double (redundant) silt fence adjacent to delineated wetland boundaries along Rush Creek corridor
 - d. Catch basin inlet protection
 - e. Stabilization of disturbed soil areas.
3. A rock construction entrance is required on Driveway #1 and shall be a contingency of approval.

Rule F – Floodplain Alterations

1. Plans **meet** Commission requirements for floodplain.
2. Most project work is outside of the regulatory floodplain (approx. floodplain elevation is 918-feet at 101st Ave. N to approx.. 913-feet at the north end of the project)
3. Ponds 500P, 700P, and 900P, and their associated pond embankments, are located within the regulatory floodplain.
4. Pond 500P was relocated outside of the regulatory floodway based on watershed comments.
5. Using the MNDOT Drainage Manual, the applicant was able to demonstrate the localized flooding would not be coincident with the regional flood from Rush Creek (i.e. the site's stormwater ponds drain down before significant floodwaters from Rush Creek have reached the site).
6. The applicant proposes 154 CY of Fill and 5,776 CY of cut, resulting in a net cut of 5,622 CY.

Rule G – Wetland Alteration

Wetland alterations **do not meet** the Commission's requirements

1. The city of Maple Grove is the LGU in charge of administering the Minnesota Wetland Conservation Act (WCA).
2. Natural wetlands were only identified in the Rush Creek corridor and in a designated outlot. Proposed construction activity mostly avoids wetland impacts.
3. The project impacts 532 square feet of wetlands to construct the site access. The impacts are to Wetland Type #1. 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. Approval of the Wetland De Minimis Exemption by the City will be a condition of this review.

Rule I – Buffer Strips

Plans **meet** Commission requirements for buffer strips.

1. The site exceeds the Commission's standards for an average of 50-feet buffer width for wetlands along Rush Creek, with a minimum of 25-feet in width.
2. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
3. Wetland buffer monumentation is required for the buffers on the eastern side of Rush Creek and shall be a contingency of approval.

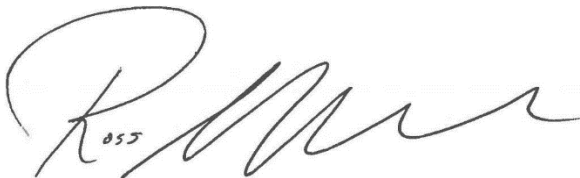
Recommendation

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 for all stormwater BMP's on the site that will not be operated and maintained by the city. Because the irrigation system included with the stormwater reuse BMP is part of the overall water reuse system that is necessary to meet the Commission's standards, the irrigation system shall be included in the Stormwater Maintenance Agreement. The applicant should provide irrigation distribution plans (pipe locations, size, preliminary pump plan, augmentation water info, area to be irrigated, and demonstration that the receiving soils have infiltration capacity) and an Operation and Maintenance Plan for the stormwater system, including the irrigation system.
3. The wetland De Minimis Exemption plan approved by the LGU and the TEP.
4. Wetland monumentation along Lots R1 through R40 and U1 through U22 shall be provided in accordance with Commission standards for wetland monumentation.
5. A rock construction entrance shall be provided for Driveway #1 for access from 105th Avenue North.

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



3/2/2022
Date

Attachments

- | | |
|-----------|---|
| Figure 1 | General Project Location |
| Figure 2 | Project Location |
| Figure 3 | Existing Drainage Map |
| Figure 4 | Proposed Drainage Plan |
| Figure 5 | Annotated Erosion and Sediment Control Plan |
| Figure 6 | Disconnected Impervious Areas |
| Figure 7 | Proposed Stormwater Reuse Area |
| Figure 8 | Floodplain Cut/Fill |
| Figure 9 | Wetlands in Project Vicinity (Wetlands Buffers Shown in Gray) |
| Figure 10 | FEMA Floodplain |

Figure 1 General Project Location

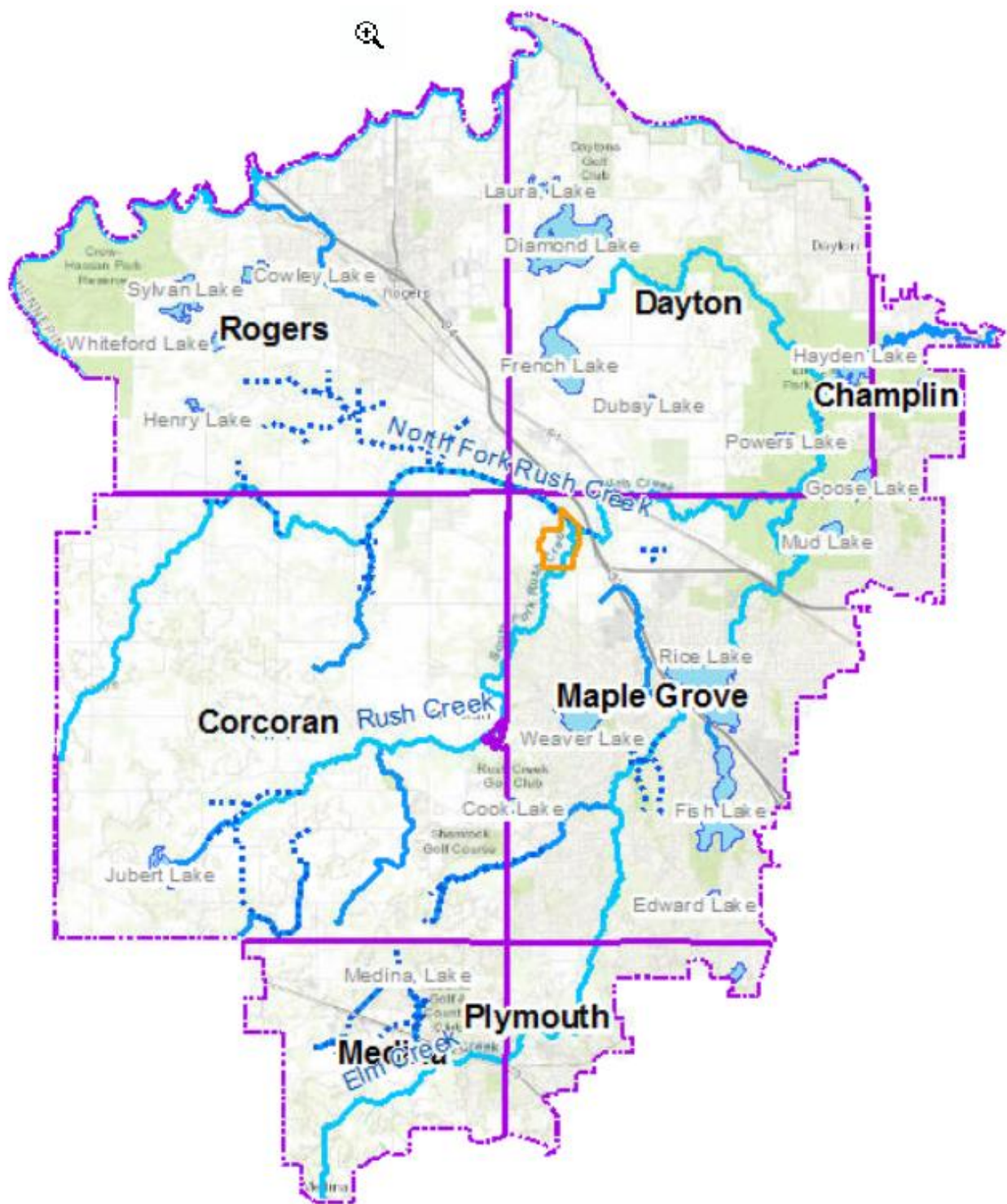


Figure 2 Project Location

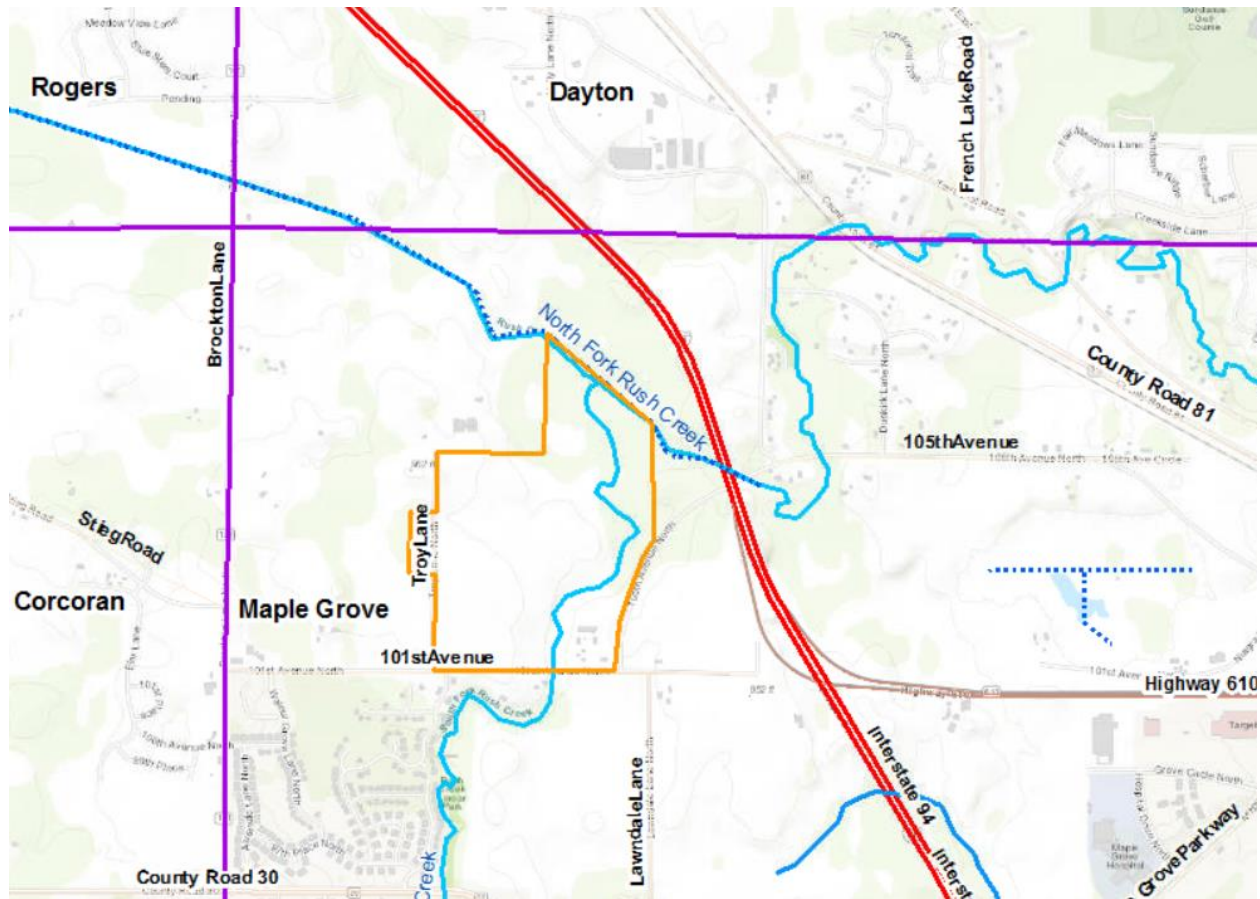


Figure 3 Existing Drainage Map

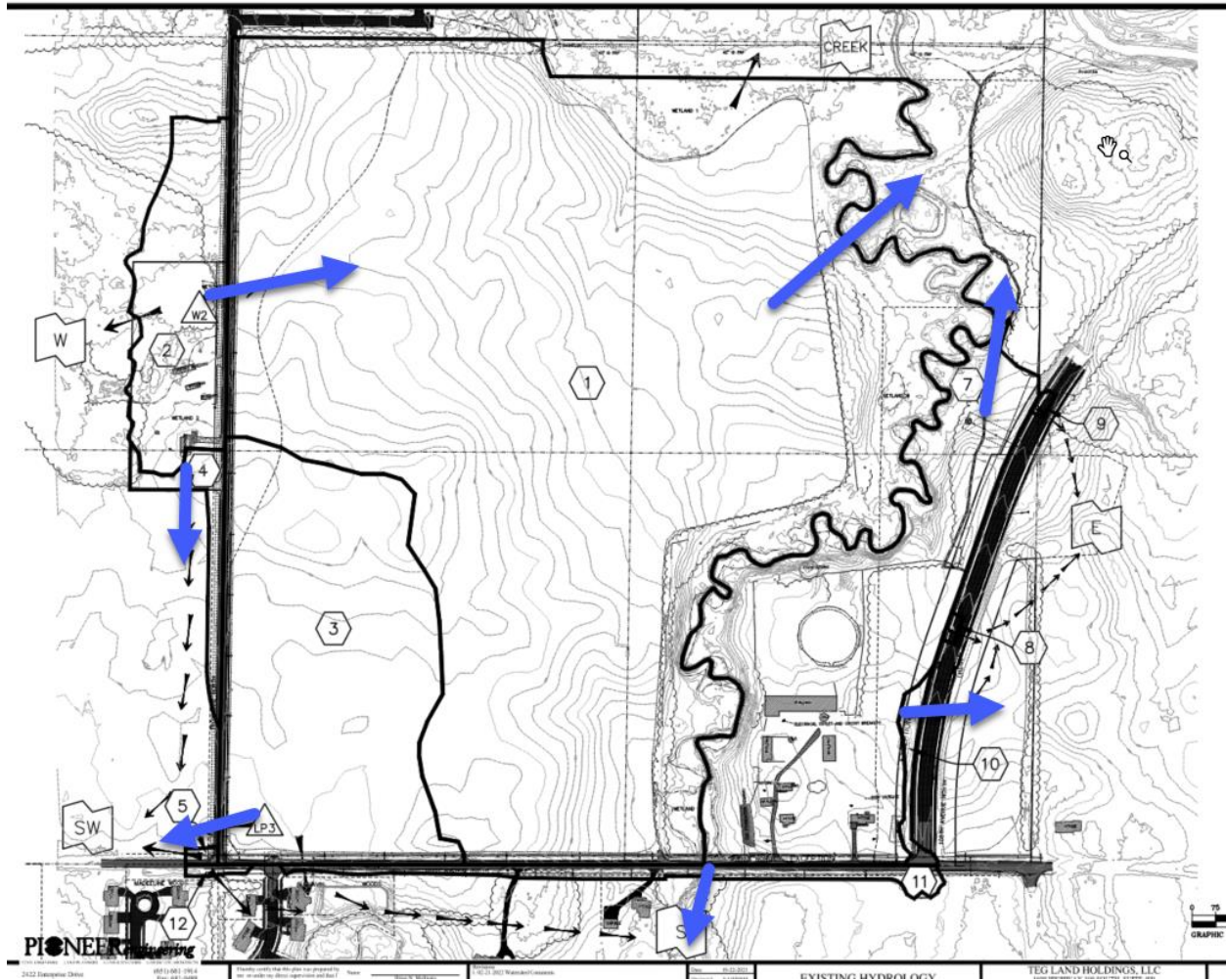


Figure 4 Proposed Drainage Plan

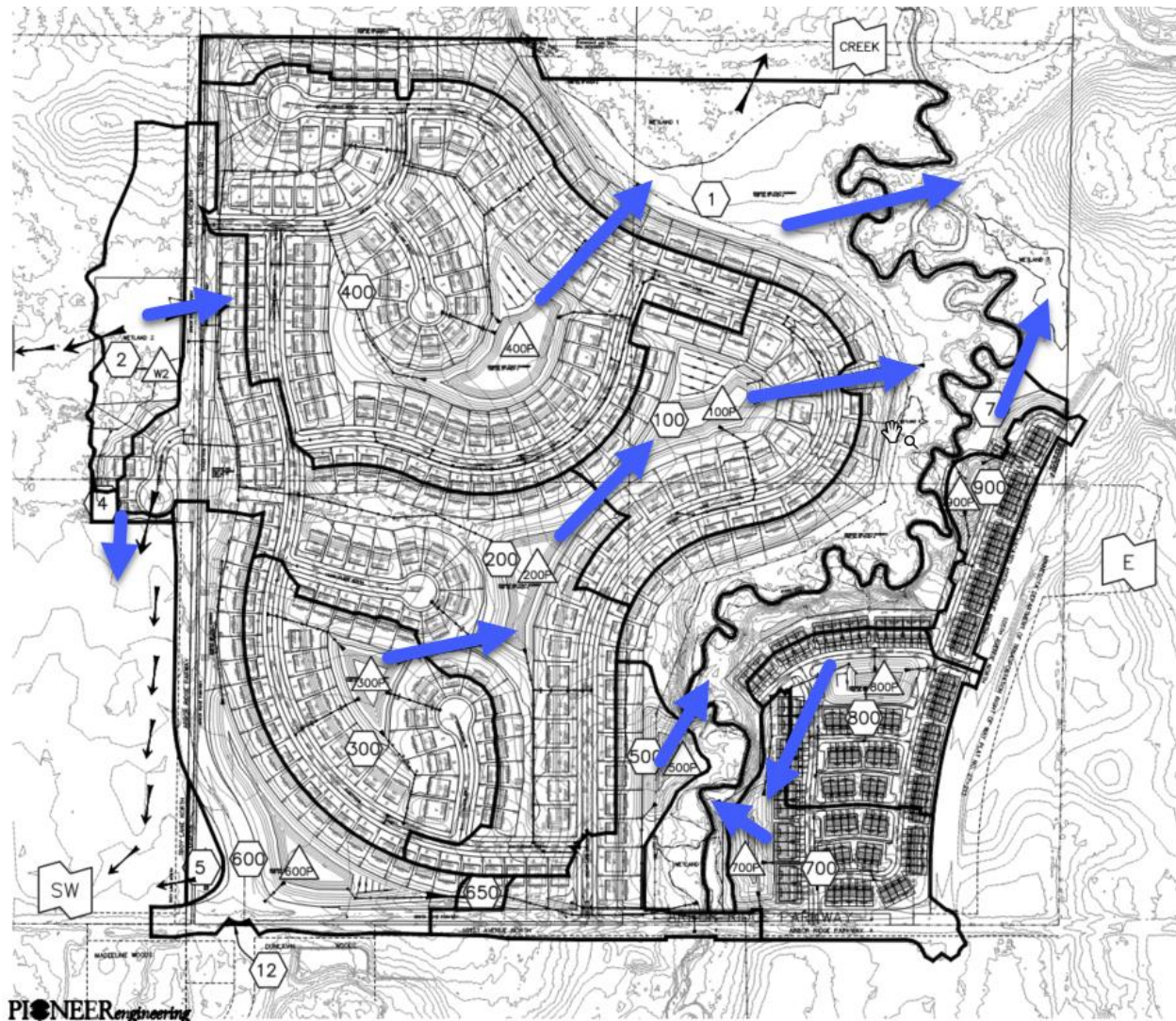


Figure 5 Annotated Erosion and Sediment Control Plan

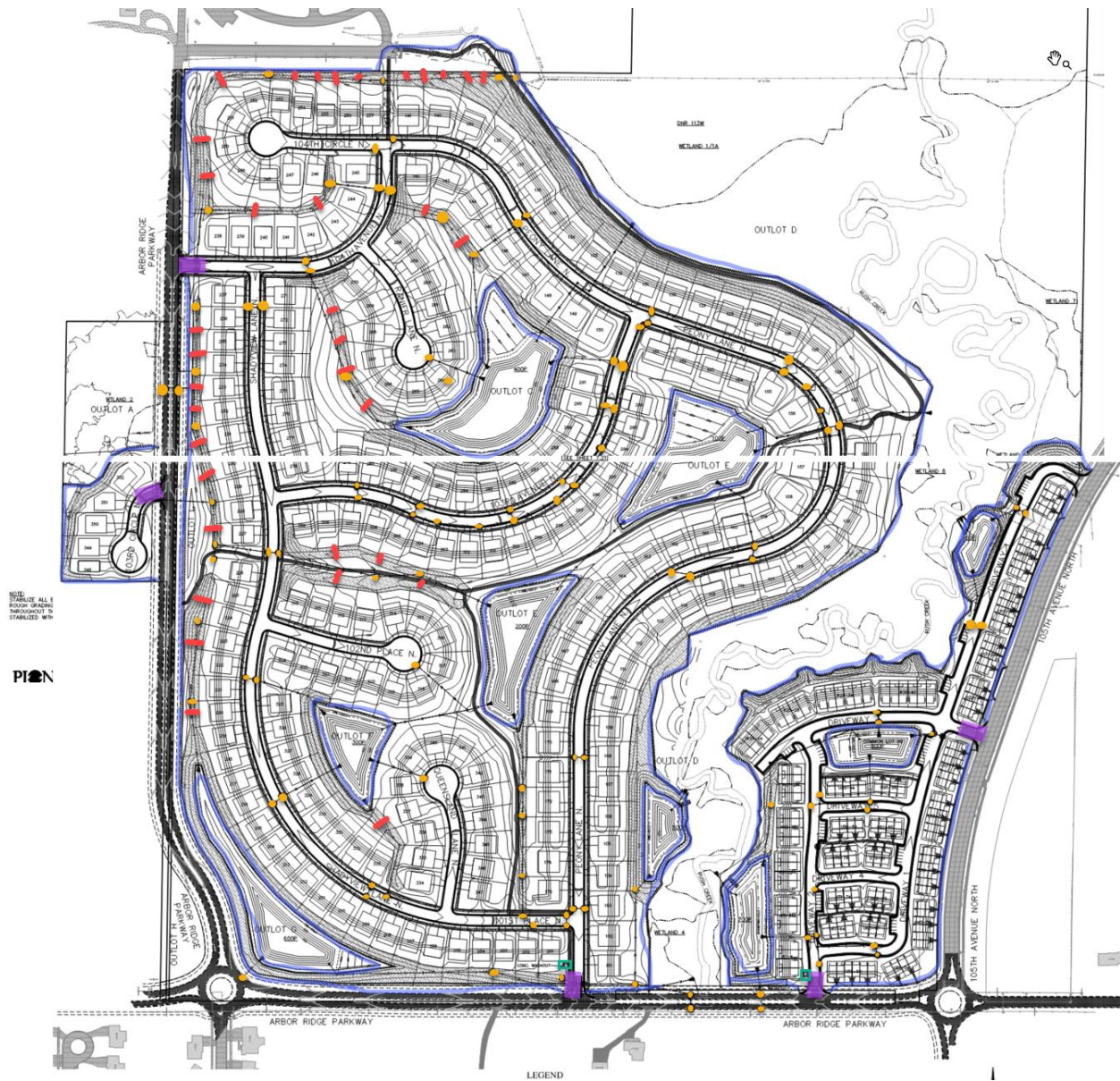


Figure 6 Disconnected Impervious Areas



Figure 7 Proposed Stormwater Reuse Area

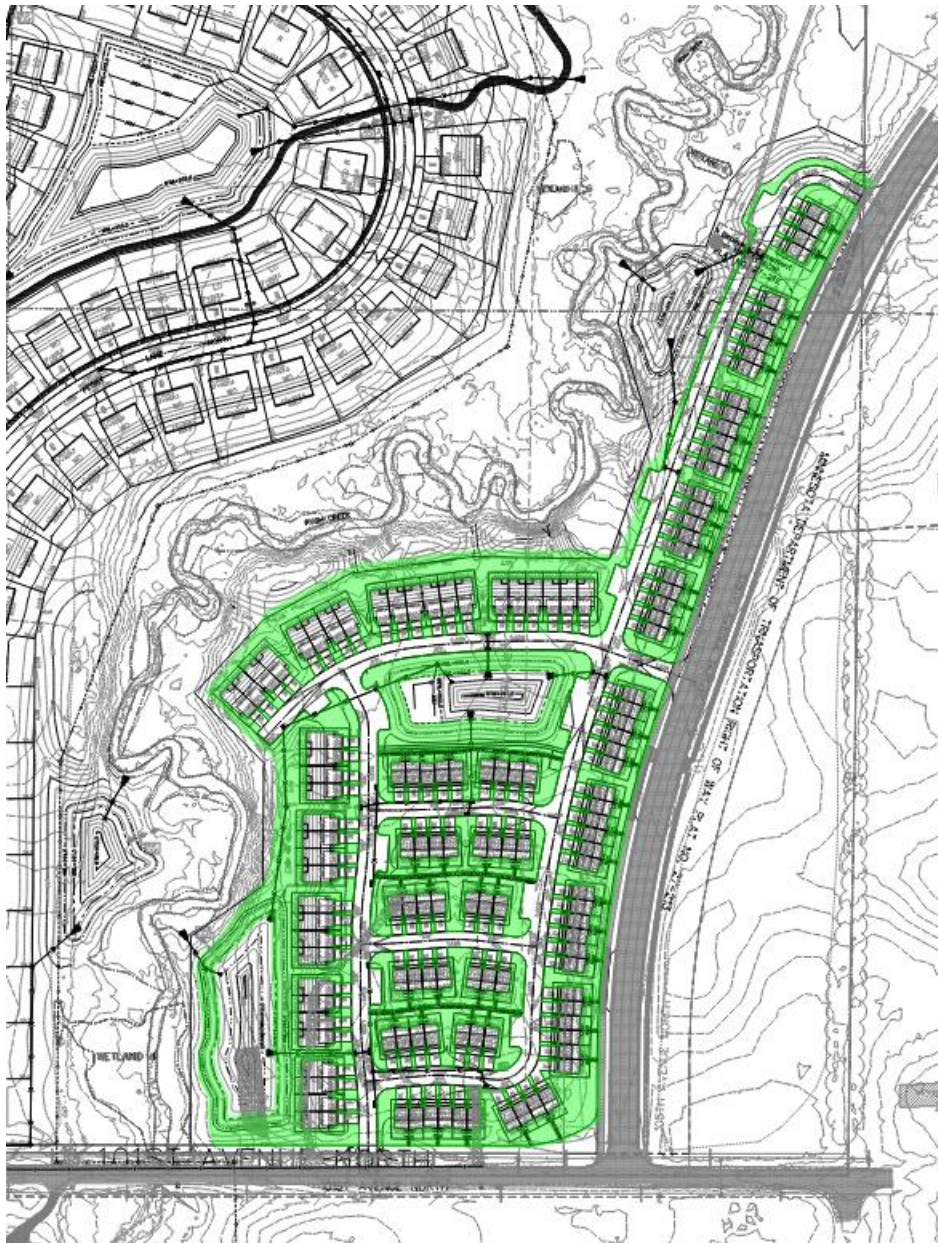


Figure 8 Floodplain Cut/Fill

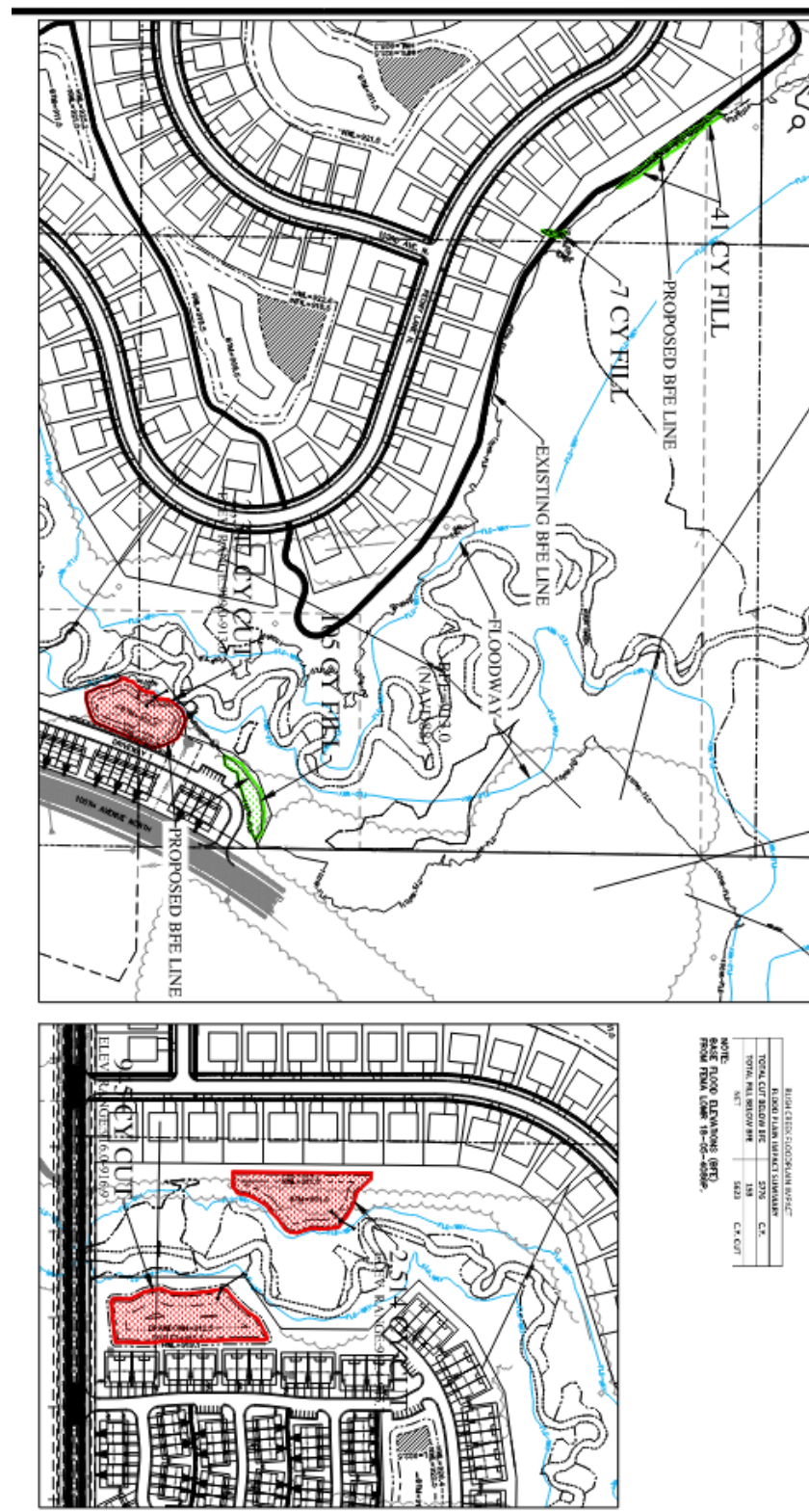
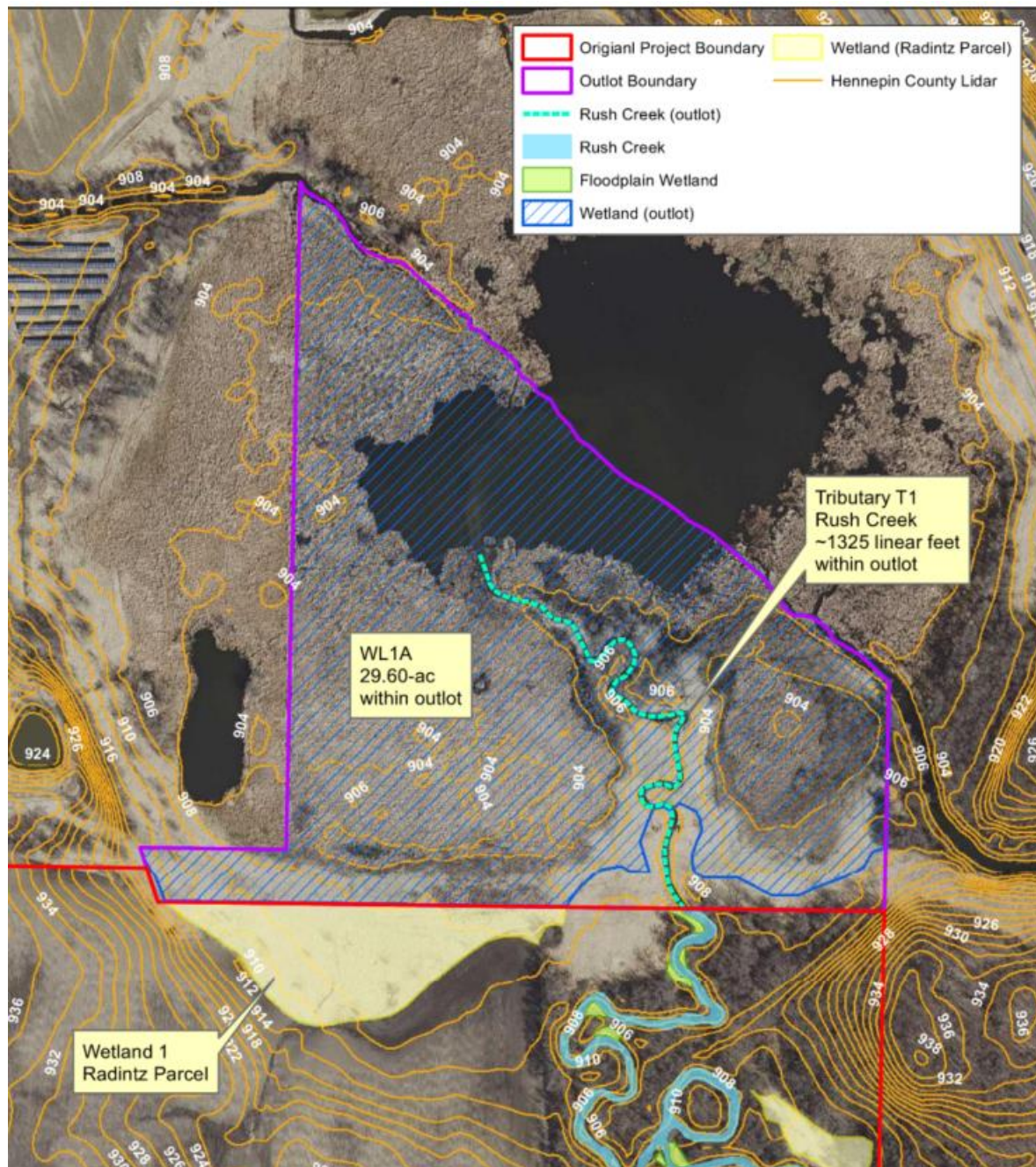


Figure 9 Wetlands in Project Vicinity (Wetlands Buffers Shown in Gray)



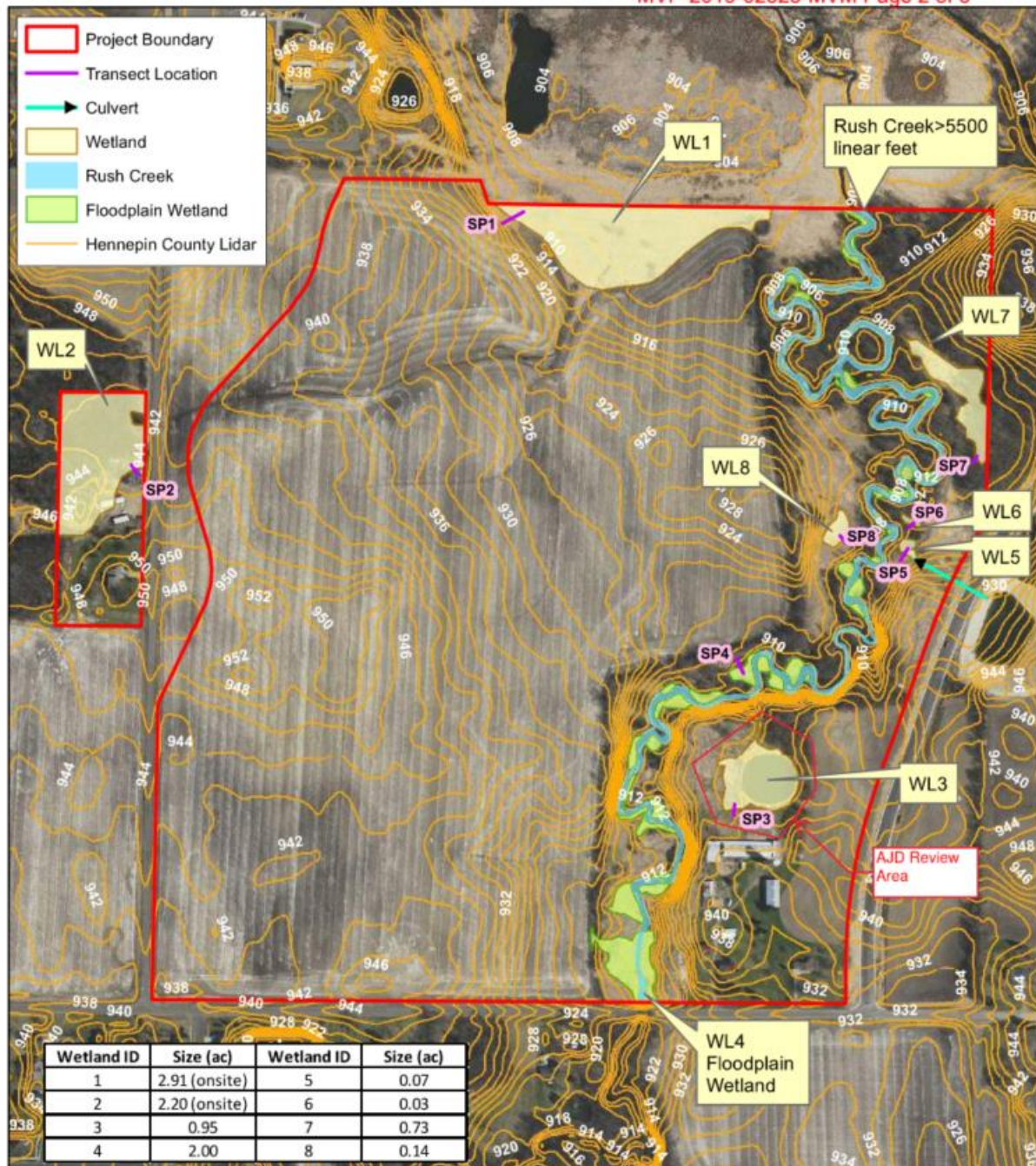
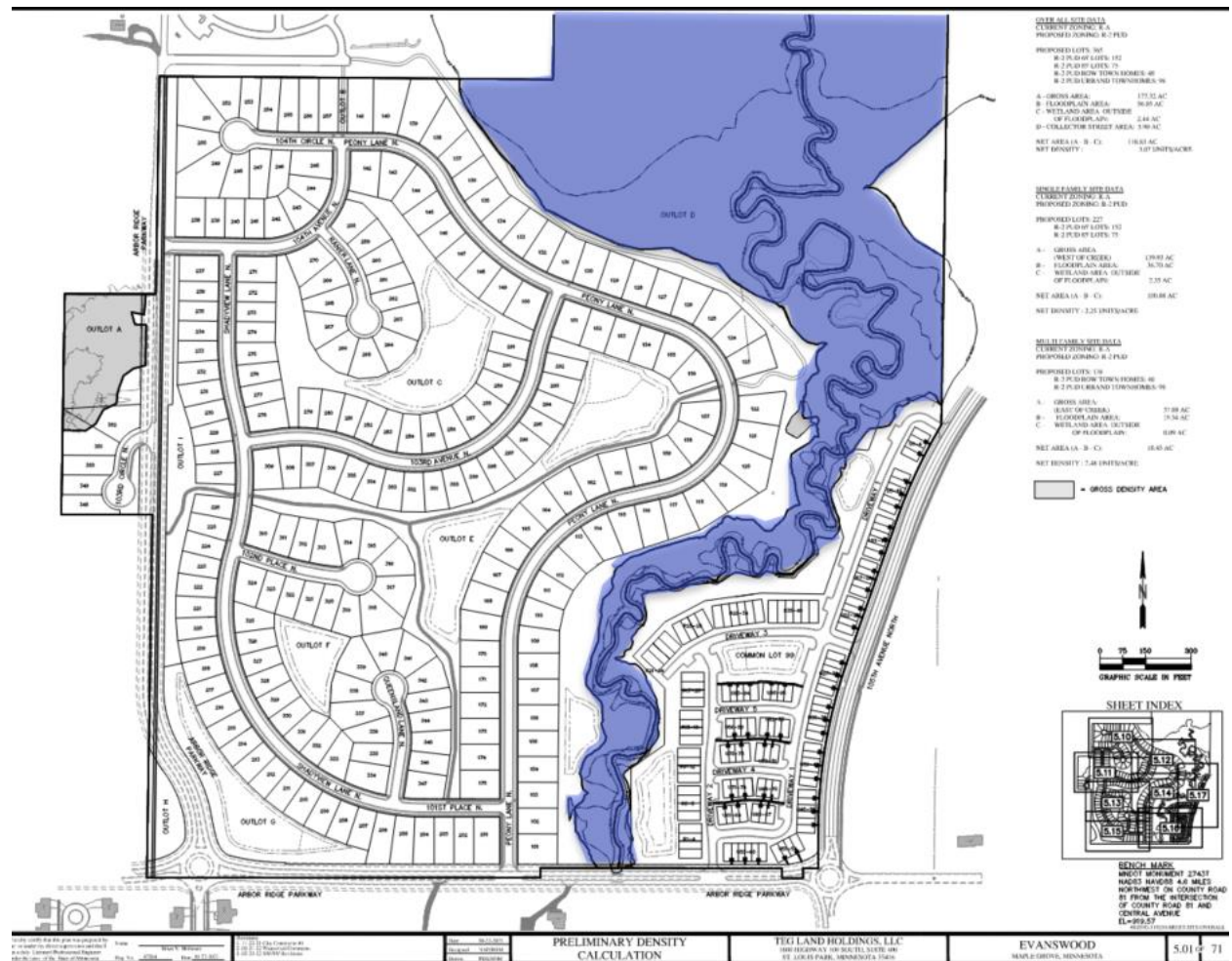
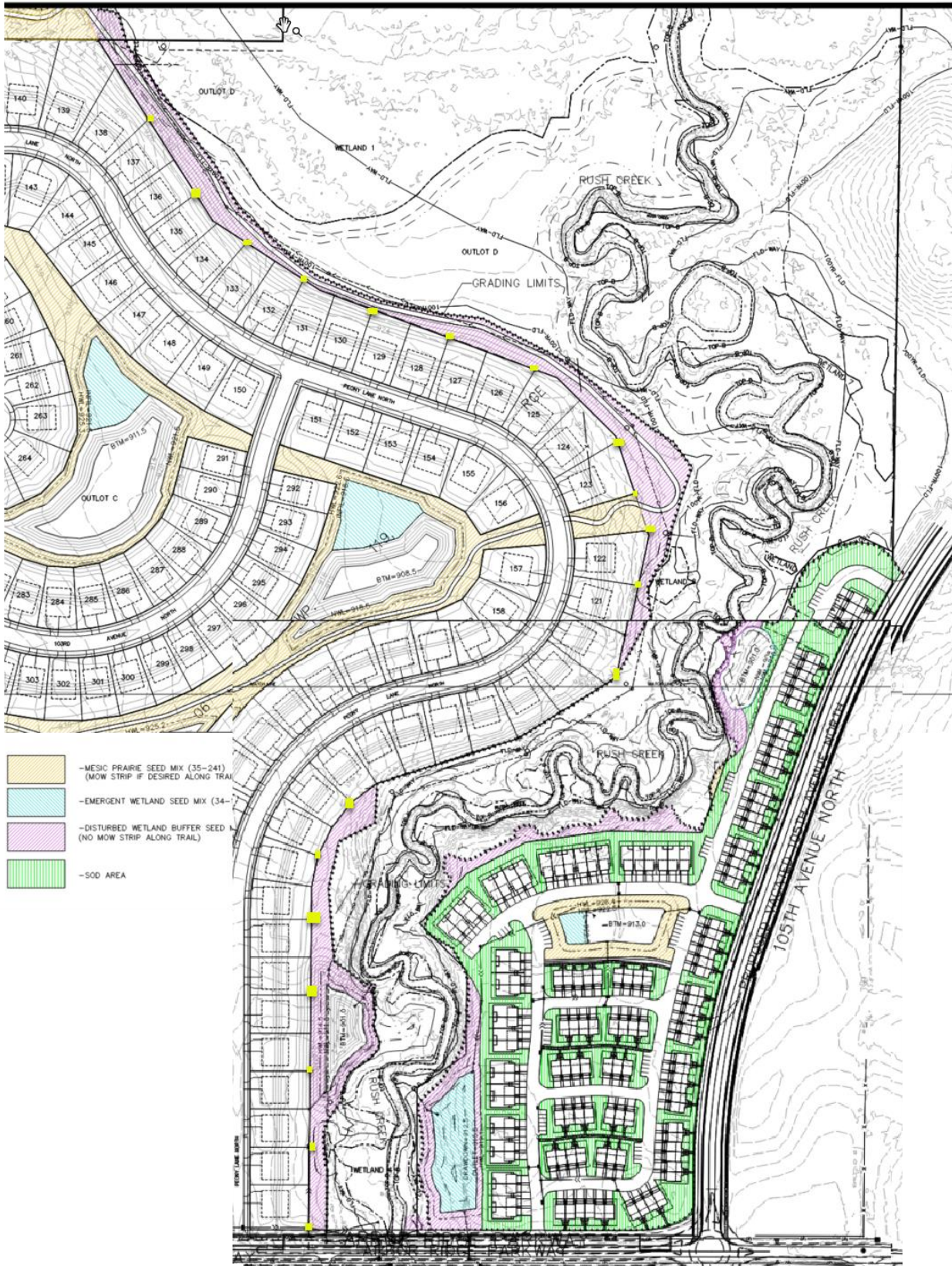


Figure 10 FEMA Floodplain





Elm Creek Watershed Management Commission

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

Norbella Senior Living Rogers Project #2021-052

Project Overview:

Location: Project is located approximately 850-feet west of the northwest quadrant of the intersection of S. Diamond Lake Road and MN Hwy 101 in Rogers, MN.

Purpose: Construction of a 40-unit senior living building with associated parking and drive lanes.

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
	Rule I	Buffer Strips
	Rule K	Variance

Applicant:	Rachel Development	Attention:	David Stradtman
Address:	4180 Napier Court NE	Phone:	763-424-1525
		Email:	dstradtman@racheldevelopment.com

Agent:	Carlson McCain	Attention:	Joe Radach
Address:	3890 Pheasant Ridge Dr. NE STE 100	Phone:	763-489-7900
		Email:	jradach@carlsonmccain.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	November 23, 2021
	<input checked="" type="checkbox"/> ECWMC Request for Plan Review and Approval	November 23, 2021
	<input checked="" type="checkbox"/> City authorization: Rogers MN	November 17, 2021
	<input checked="" type="checkbox"/> Review fee: \$3,375	November 22, 2021
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	November 23, 2021

Submittals

1. Complete Elm Creek Watershed Application dated November 23, 2021
2. Construction drawings, prepared Carlson McCain, dated September 17, 2021; revised October 28, 2021; November 22, 2021; January 21, 2022; and February 4, 2022
3. Preliminary Stormwater Report, prepared by Carlson McCain, dated September 17, 2021, revised October 28, 2021; November 22, 2021; January 21, 2022; and February 4, 2022
 - a. Stormwater Management Analysis and Results
 - b. HydroCAD Modeling report for existing and proposed conditions
 - c. Existing and proposed drainage maps

- d. MIDS Model Summary Sheets
- e. Geotechnical Soil Information
4. MIDS water quality models submitted to the Commission on January 25, 2022
5. Minnesota Wetland Conservation Act *Notice of Decision*, prepared by Mark Kjolhaug on behalf of the city of Rogers, dated December 3, 2021

Findings

General

1. A complete application was received November 23, 2021. The initial 60-day decision period per MN Statute 15.99 expired January 22, 2021. The Commission provided initial comments on December 16, 2021 and received responses to initial comments January 25, 2022. Subsequent comments were sent on January 31, 2022 with a response on February 4, 2022. The initial 60-day decision period was extended an additional 60-days to March 23, 2022.
2. The existing site is currently an undeveloped grassland. The site is bounded on the south by S. Diamond Lak Road, on the north and west by stormwater ponds, and on the east by a commercial property. The majority of the site flows north to the regional stormwater pond located north of the site, which discharges to the west to another regional stormwater pond. The remainder of the site flows to the east onto the parking lot of the commercial development.
3. All drainage directions ultimately drains to a Fox Creek, state Public Waters (ID 07010204-525), which flows to the Crow River.
4. The proposed project consists of a 40-unit senior living building with associated parking lot and drive lanes, along with stormwater management facilities.
5. The development will create 1.312 acres of impervious area within the parcel boundary and a walking trail outside of the parcel trail that creates an additional 0.28-acres (total of 1.592 acres). All impervious is net, new impervious.
6. Existing and proposed conditions HydroCAD models were created to model rate control.
7. An underground filtration system as well as an iron enhanced sand filter will be constructed and function as volume, water quality, and rate control.
8. A geotechnical report was provided with the submittal and indicates that the majority of soils on-site are composed of a wide variety of soils including: sandy lean clay, clayey sand, silty sand, poorly graded sand with silt (at or below the groundwater table), poorly graded sand (at or below the groundwater table), and silty sand.

Rule D – Stormwater Management (plans)

General

1. The project will disturb approximately 2.4-acres. The project includes off-property disturbance to construct a walking trail. The impervious area will be 1.592-acres, all of which is new impervious.
2. The submitted geotechnical report indicates that the majority of underlying soils on-site above the groundwater table are composed of sandy lean clay, clayey sand, and silty sand. This corresponds to Hydrologic Soil Group D which exhibits very low infiltration rates.
3. Stormwater will be managed on the site using an underground filtration system and an iron-enhanced sand filter.

Rate Controls

1. Rate control measures **meets** Commission standards.
2. Rate control for the site was provided by an underground filtration system and an iron-enhanced sand filter which collect runoff and discharge into the existing regional stormwater pond north of the site.
3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized in Table 1.
4. There is a sitewide decrease in runoff rates, with an increase of runoff to the east toward the Child Care Center parking lot.
5. The runoff rate increases to the east toward the Child Care Center parking lot were approved by the city.
 - a. The City placed a drainage and utility easement as part of the WJD Two Third Addition at this location and provided approval for the runoff rate increases into this easement. This discharge ultimately drains to the northern regional pond along with the northern runoff direction.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
North to existing regional pond	Pre-Project	6.3	12.5	26.6
	Proposed	0.7	2.7	10.4
	Change	-5.6	-9.8	-16.2
East toward Child Care Center Parking Lot	Pre-Project	0.2	0.5	1.0
	Proposed	0.6	1.0	2.1
	Change	+0.4	+0.5	+1.1
Total	Pre-Project	6.5	12.9	27.6
	Proposed	2.7	5.1	12.4
	Change	-3.8	-7.8	-15.2

Water Quality & Water Quantity

Water quality and Abstraction/Volume Controls **meet** Commission requirements.

1. New impervious areas will be 1.592 acres, requiring 6,357 cubic feet of abstraction credits.
2. Infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils.

3. Water quality and quantity for the site was provided by a Stormtech underground filtration system as well as an iron enhanced sand filter which collect runoff and discharge into the existing stormwater pond to the north of the site.
4. Pretreatment for the underground Stormtech system is provide by a 4-foot sump manhole. The design should incorporate inspection ports in the isolator row as required by the manufacturer.

Table 2 Water Quality Summary

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet)	TP (lbs/year)	TSS (lbs/year)
Pre-Project¹	1.9	N/A	1.6	283
Proposed (w/o BMP's)	4.4	N/A (6,357 cf req'd)	3.6	652
Proposed (w/ BMP's)	4.4	7,754	1.5	137
Change	+2.5	+7,754	-0.1	-146

¹ ECWMC Staff completed a pre-project analysis on behalf of the applicant. The applicant's pre-project analysis showed a software error in reporting.

Low Floor Elevations

The low floor of the proposed building is 929.0-feet. The high-water of the iron-enhanced sand filter basin is 916.5-feet with an emergency overflow of 916.0-feet. The existing regional stormwater pond to the north has a high-water level of 908.0-feet and an emergency overflow of 905.8-feet. This meets the Commission's standards for 2-feet of freeboard, and all EOF's are at least 1-foot below the first-floor elevation.

Operation and Maintenance

For commercial/industrial projects with an iron-enhanced sand filter filtration and underground filtration systems 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. The geotextile of the underground filtration must not be allowed to clog and frequent inspections per manufacturer recommendations shall be required.

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 around project extents and the proposed iron-enhanced sand filter
 - c. Inlet Protection
 - d. Concrete washout is located to minimize the risk of concrete waste discharge to waterbodies.
 - e. Rapid seeding plan.

Rule G– Wetland Alterations

Design **meet** Commission requirements for wetlands.

1. The city of Rogers is the LGU in charge of administering the Wetland Conservation Act (WCA).
2. The city has issued a WCA *Notice of Decision* demonstrating that all waterbodies near the proposed project are constructed stormwater ponds (not natural wetlands).

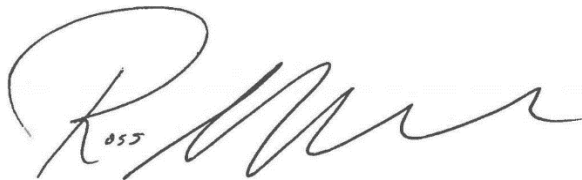
Recommendation

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. The geotextile of the underground filtration must not be allowed to clog and frequent inspections per manufacturer recommendations shall be required.
3. A detail be added to the project drawings showing the inspection ports to be installed along the isolator row of the underground filtration system.

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



February 14, 2021
Date

Attachments

- | | |
|----------|---|
| Figure 1 | Project Location |
| Figure 2 | Existing Drainage Map |
| Figure 3 | Proposed Drainage Plan |
| Figure 4 | Erosion and Sediment Control |
| Figure 5 | WCA Notice of Decision Drawing for Project Vicinity |

Figure 1 Project Location



Figure 2 Existing Drainage Map

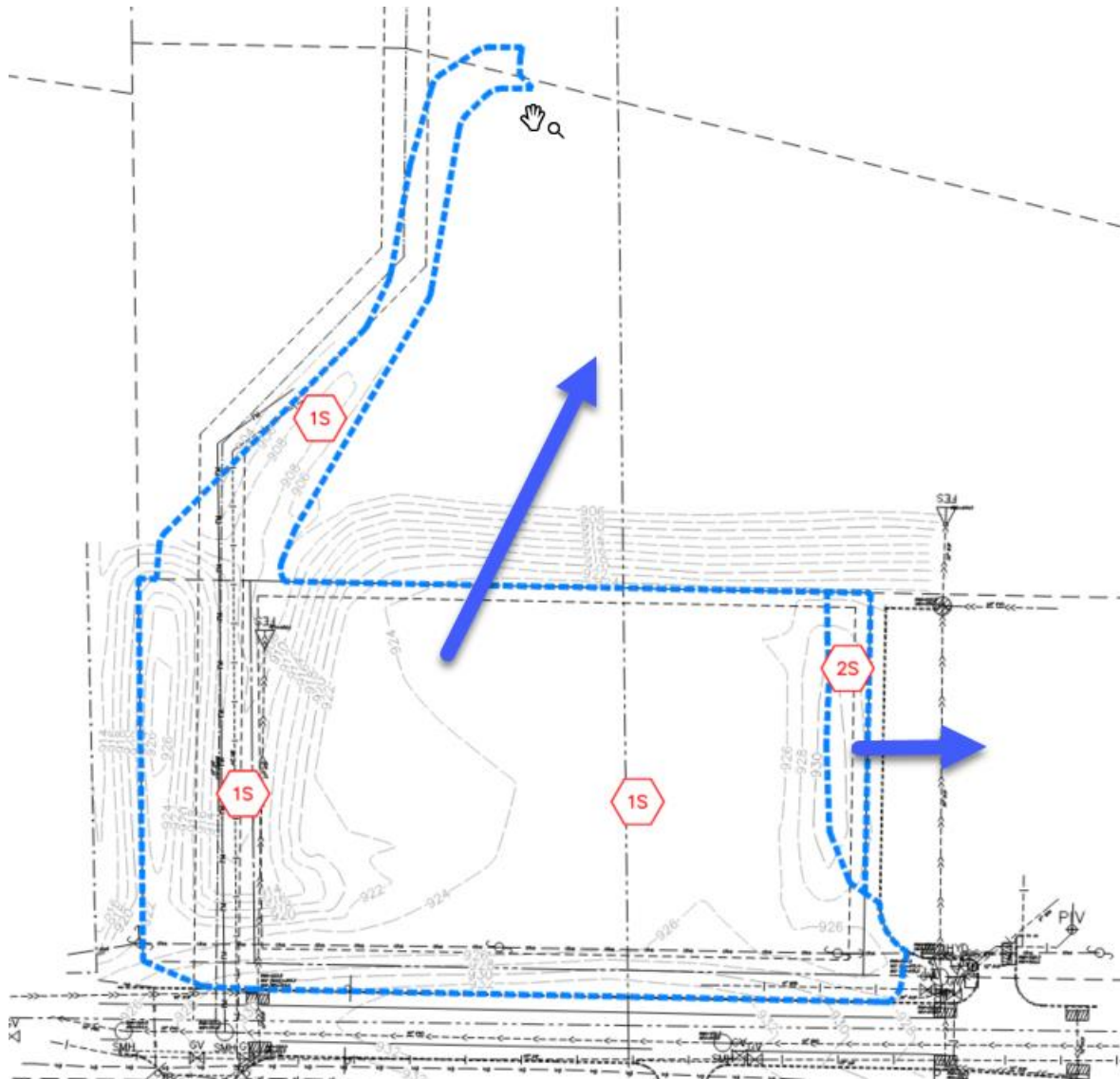


Figure 3 Proposed Drainage Plan

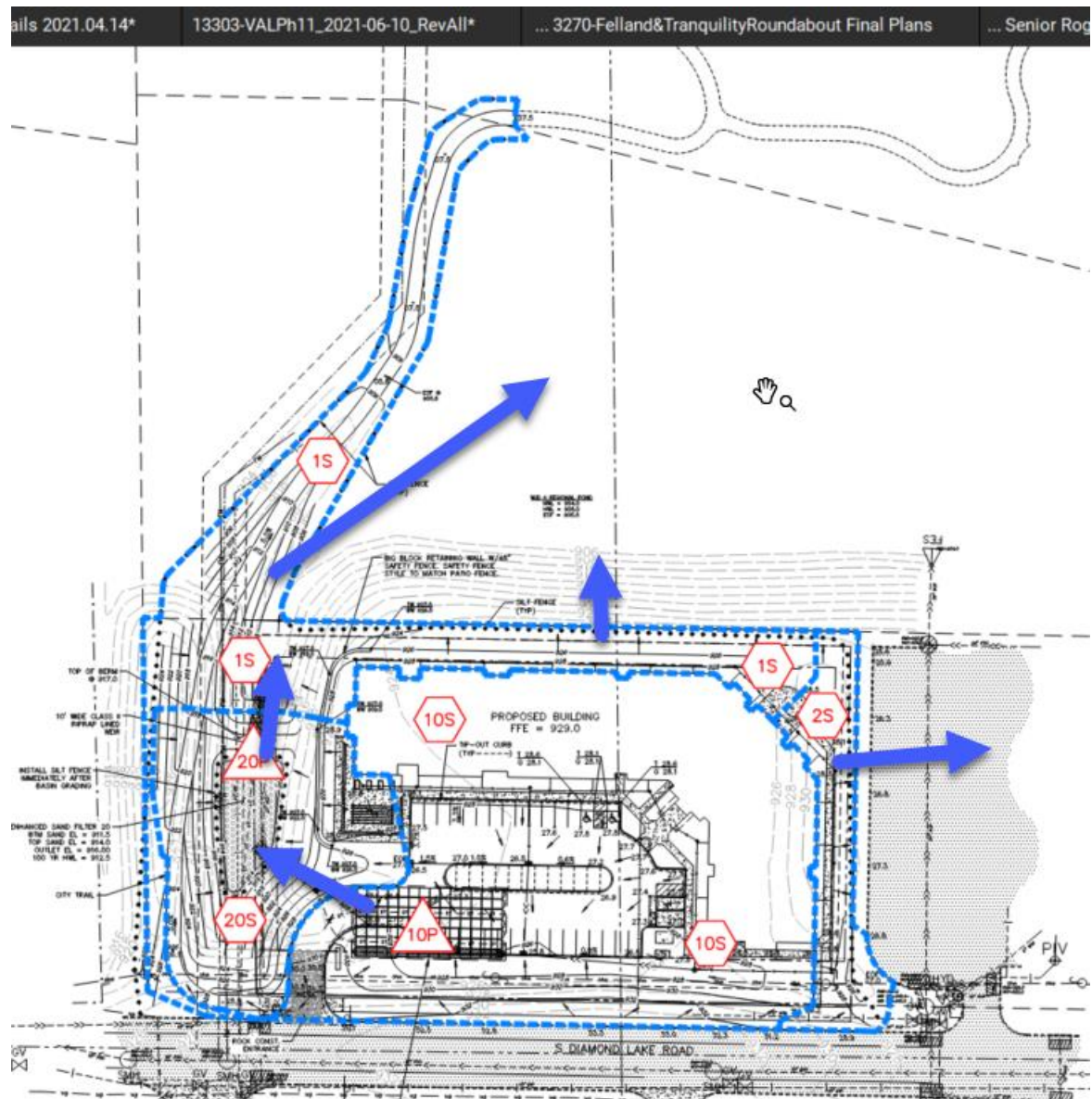


Figure 4 Erosion and Sediment Control

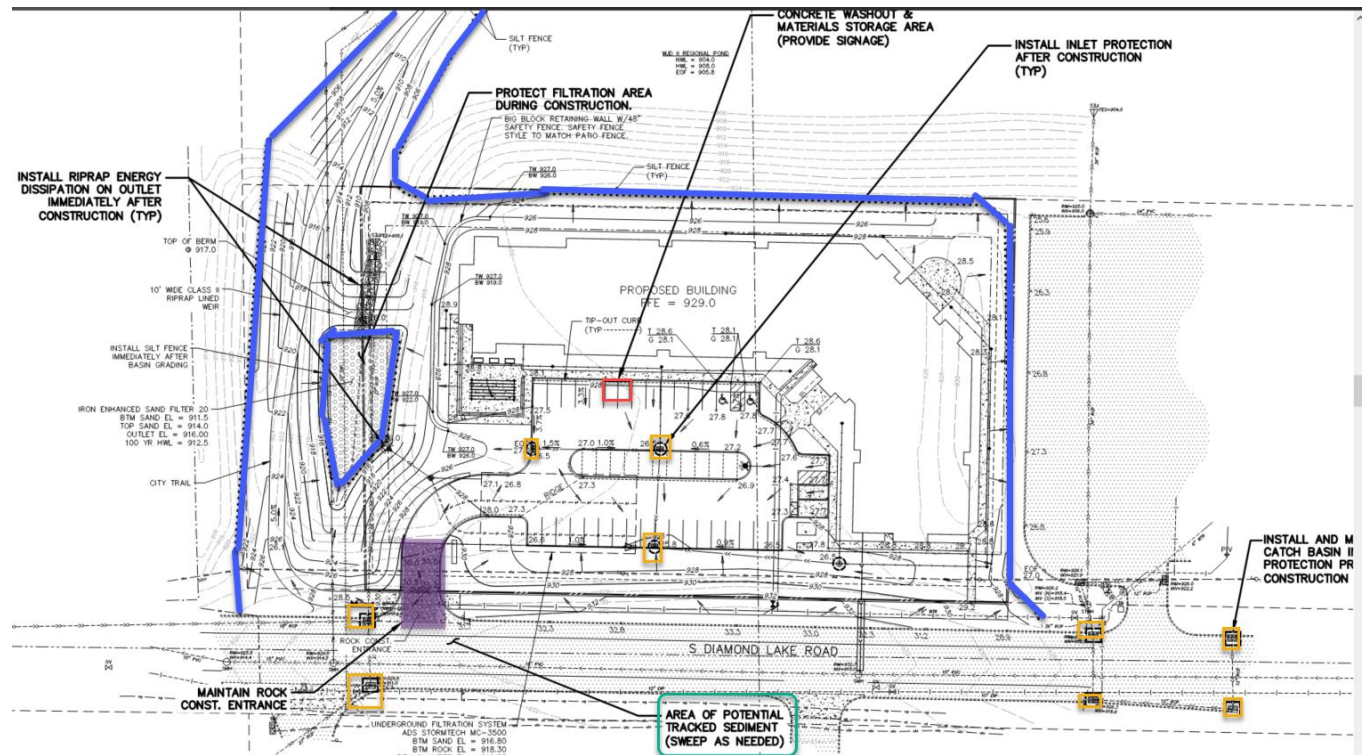


Figure 5 WCA Notice of Decision Drawing for Project Vicinity



elm creek

Watershed Management Commission

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

February 16, 2022

City of Medina
Mr. Dusty Finke, Planning Director
2052 County Road 24
Medina, Minnesota 55340

Re: Loram/ Scannell Medina Industrial EAW

Dear Mr. Finke,

On behalf of the Elm Creek Watershed Management Commission, I would like to offer the following comments on the Loram/ Scannell Medina Industrial 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 cumulative effect of increased runoff volume is an emerging issue in the ECWMC due to rapid development and the construction of impervious issues in the watershed. Increased runoff volumes are associated with increased flood risk for our downstream communities. This in turn leads to degradation of channel banks due to increased non-peak flows, aquatic species disturbance due to hydrologic regime changes, and the warming of stormwater runoff. Many of the site soils in Medina have low and very low infiltration potential (high runoff potential). To the extent reasonable, the site design should limit increased annual runoff volume by using best management practices.
- This site plan contributes to the trend of highly dense industrial areas that account for major land use and grading impacts to the Elm Creek Watershed. To a large extent wetlands on these parcels are being removed and being replaced with largely impervious surfaces with little or no natural areas remaining. These changes will result in localized habitat loss, disconnection of habitat, warming of runoff, and microclimate impacts. Wetland impacts should be avoided to the extent reasonable.

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

Sincerely



Ross Mullen, Technical Advisor to the Commission

Cc Jim Kujawa, ECWMC; Judie Anderson, ECWMC

elm creek Watershed Management Commission

ADMINISTRATIVE OFFICE
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Bellwether-7th Addition Corcoran Project #2022-005

Project Overview:

Location: Approximately 4 acres of the area within the Bellwether Project previously known as the Schober Property. It is adjacent to and south of Stieg Road and north of 102nd Place.

Purpose: Grading and erosion control work on the 7h Addition to create the elevations and infrastructure for 17 single family home lots and to expand pond 6N to the parameters designed in the project stormwater management plan.

WMC Rules Triggered:

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

Applicant:	Pulte Homes of Minnesota LLC	Attention:	Chad Onsgard
Address:	7500 Flying Cloud Drive, Suite 670 Eden Prairie, MN 55344	Phone:	952.229.0723
		Email:	Chad.onsgard@pultegroup.com
Agent:	Sathre-Bergquist Inc.	Attention:	Eric Johnson
Address:	14000 25 th Ave. N., Suite 120 Plymouth, MN 55447	Phone:	952.476.6000
		Email:	ejohnson@sathre.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	February 23, 2022
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	February 23, 2022
	<input checked="" type="checkbox"/> City authorization: Corcoran, MN	February 22, 2022
	<input checked="" type="checkbox"/> Review fee: \$675	February 23, 2022
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	February 23, 2022

Submittals

1. Bellwether 7th Addition site plan by Sathre-Bergquist, Inc., dated October 17, 2021, with most recent revision date of February 17, 2022.
 - a. Sheet 1 of 13, Title Sheet
 - b. Sheet 2 of 13, Final Street Plan
 - c. Sheet 3 of 13, Final Sanitary Sewer & Watermain Plan
 - d. Sheet 4 of 13, Final Storm Sewer Plan
 - e. Sheet 5 of 13, Final Grading Plan
 - f. Sheet 6 of 13, Final Erosion Control Plan

- g. Sheets 7 to 13 of 13, Construction Details.
2. Bellwether Plat Exhibit by Sathre-Bergquist, received via email on November 5, 2021.
3. ECWMC 2018-032 project review, findings, and meeting minutes, dated October 9, 2018.
4. Bellwether (Encore) Development Stormwater Management Plan by Advanced Engineering and Environmental Services Inc. updated August 19, 2021.
5. Corcoran WCA Notice of Decision, replacement plan for Bellwether 2nd Addition and Future Phases, dated April 1, 2020,

Findings

General

- A complete application was received February 23, 2022. The initial 60-day decision period per MN Statute 15.99 expires, April 24, 2022.
- There are no WCA wetlands delineated on this parcel.
- There are no ECWMC or FEMA floodplain areas on this parcel
- This parcel is part of the Bellwether/Encore development. Phase I grading and the overall stormwater management plans were approved by the Commission under project 2018-032.
 - Per approval conditions, subsequent phases and grading must be reviewed and approved by the Commission for Rule E, grading and erosion control. Stormwater must be reviewed for adherence to the 2018-032 stormwater management plan.
 - SWMP dated August 2021 by AE2S lists the following parameters for pond 6N in this phase of the development.
 - Wet pond Permanent Storage = 42,211 cubic feet
 - Wet pond water quality release summary = 1,416 cubic feet with a permanent pond surface area of 0.36 acres and an allowable discharge rate of 2.04 cfs and 0.01 cfs for the water quality event.
 - Note, parameters for Pond 6N must be provided for the ECWMC review.
- ECWMC staff has authorization to provide administrative approval if the Commission standards are met.

Rule E – Grading, Erosion and Sediment Control

- Plans do not **meet** Commission requirements for erosion and sediment control.
- The erosion and sediment control plans do not include a stormwater pollution prevention plan that is consistent with the MPCA and NPDES general permits.
 - a. Sequencing of erosion control measures, temporary drainage systems, temporary sediment basins and filter basins are required as part of the SWPPP plan for this site. Other BMPs that will be evaluated are:
 - i. Rock construction entrance
 - ii. Silt fence
 - iii. Double (redundant) silt fence adjacent to delineated wetland boundaries
 - iv. Catch basin inlet protection
 - v. Stabilization of disturbed soil areas.
 - vi. Appropriate concrete washout provisions.

Low Floor Elevations

Low floor elevations for Bellwether 7th additions will meet the Commission's requirements for 2.0 feet above the highwater elevations and 1.0 feet above the Emergency Overflow elevations.

- Pond 6N, lowest adjacent floor elevation = 945.9.
 - a. High water elevation on Pond 6N is 941.9.
 - b. Emergency overflow from Pond 6N is over Stieg Road at an elevation 943.5.
- Block 1 lowest floor elevation = 946.9
 - a. Pond 8N high water elevation = 939.8
 - b. Pond 8N emergency overflow = 940.0.
 - c. Flared end section outlet culvert on Lot 6, Block 1 = 937.0.
 - d. Emergency overflow is across 102nd Place at 943.5.

Stormwater Management Plans

- Stormwater management plans and successive updates are consistent with the Commission's approvals for project 2018-032, 2020-011 and 2021-038

Operation and Maintenance

- Long term operation and maintenance of the regional and localized basins must be provided. If the City will not operate and maintain the basins, the applicant must provide an O & M plan for the basins on site that is acceptable to the City and Commission.

Decision

None currently.

Conditions for Administrative 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. Approved stormwater ponding parameters on Pond 6N must be verified by the applicant.
3. Erosion and sediment controls must meet the Commission's and MPCA requirements.

James C. Kujawa
Surface Water Solutions
Advisor to the Commission



2/27/22
Date

Attachments

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

Figure 1 Project Location

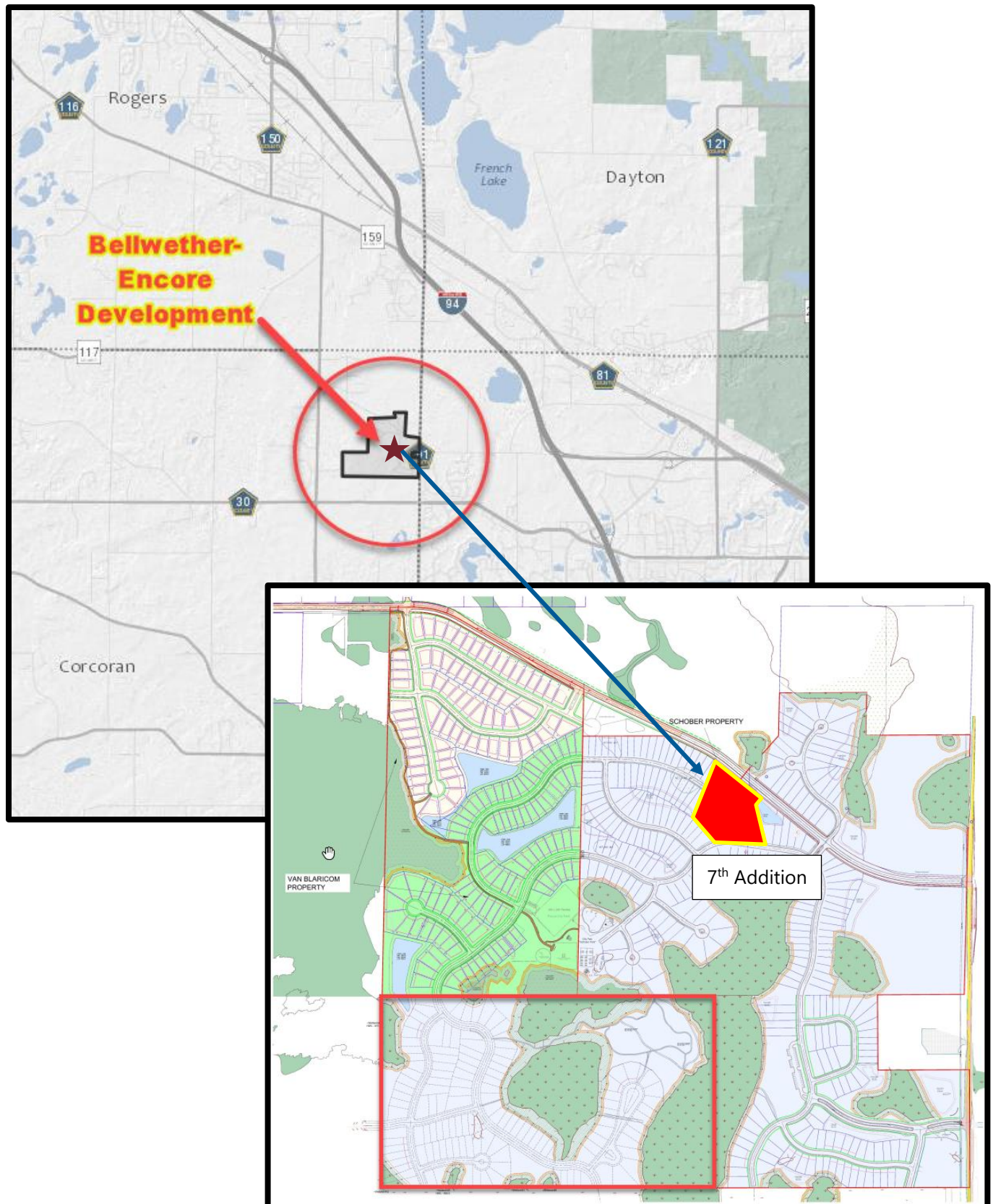
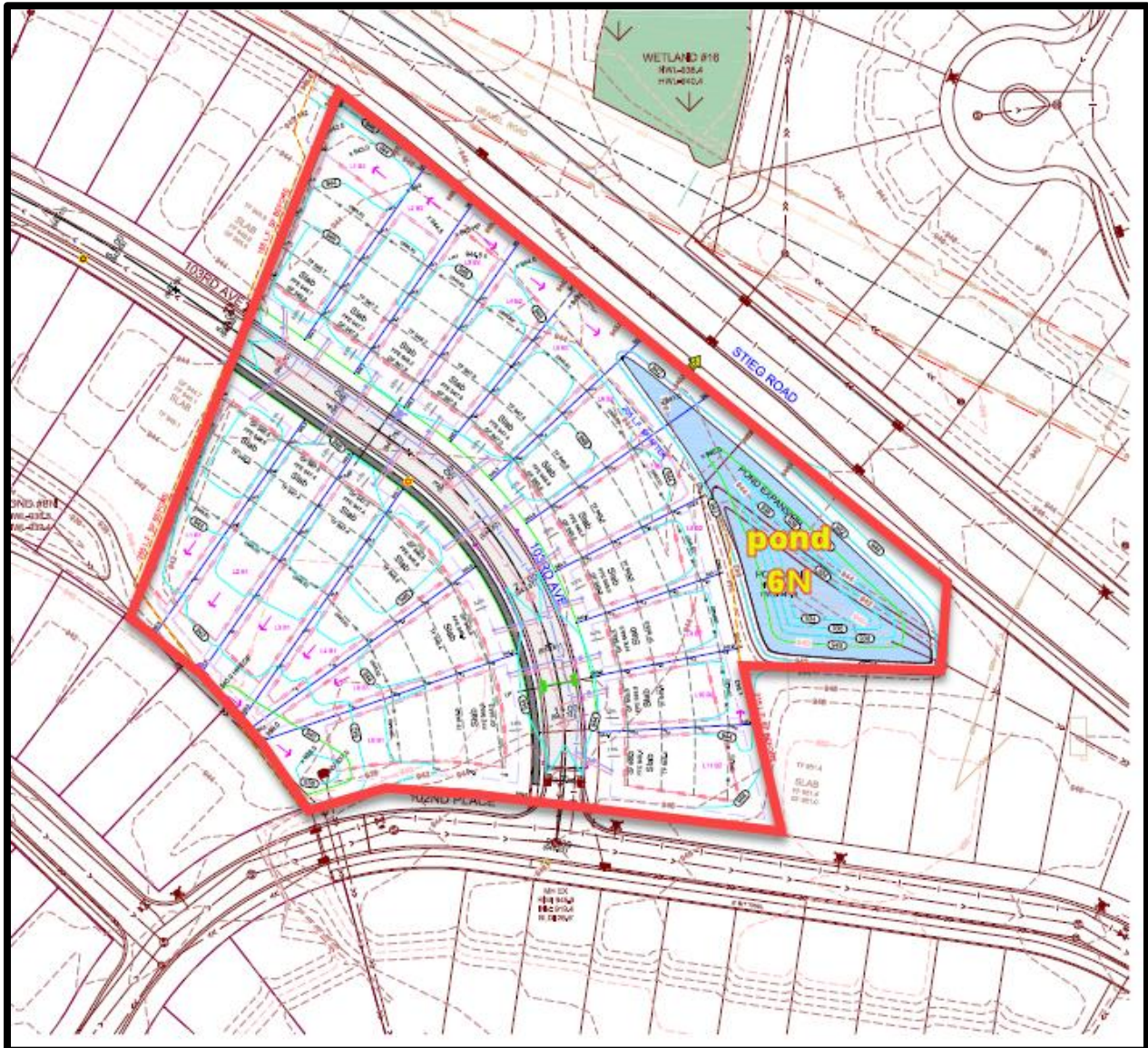


Figure 2 2020 Aerial Location



Figure 3 Grading Plan



elm creek Watershed Management Commission

Subwatershed Assessment Cost Share Application

Date: [October 15, 2021](#)

Waterbody to be assessed: [Rice Lake](#)

Sponsor City: [Maple Grove](#)

Total cost estimate: [\\$30,000](#)

Anticipated City Contribution: [\\$22,500](#)

Anticipated Commission Contribution: [\\$7,500](#)

Firm(s) solicited: [TBD](#)

Background information

Why is the sponsoring city interested in this SWA? [Rice Lake is an important resource in the City of Maple Grove. Rice Lake supports fishing and aquatic recreation. Park trails surround Rice Lake making it accessible to the entire community.](#)

Other supporting documents showing water quality issues? Ex: TMDL, Stressor ID report, etc. Please provide web links [Per the Elm Creek Watershed TMDL approved in 2017, Rice Lake has a contributing watershed of 17,460 acres, is 330 acres in size with a maximum depth of 11 feet. Classified as a “shallow lake”, Rice has severely degraded water quality and is impaired for aquatic recreation due to excess nutrients. Curlyleaf pondweed and carp are present in excessive quantities. Seventy-four percent of the phosphorus load comes from the watershed.](#)

Any additional local knowledge of issues? [The Rice Lake Area Association \(RLAA\) is active in partnering on projects to improve the lake including aeration, drawdowns, carp management, plant surveys and curlyleaf pondweed management. Rice may have had a toxic algae bloom in the summer of 2021.](#)

Implementation

What implementation support will the sponsoring city provide? Ex: funding, staff time, outreach, submitting a Clean Water Fund app, etc [The City of Maple Grove has, and will continue to provide funding, staff time, and outreach toward the improvement and protection of Rice Lake. Recently, the City of Maple Grove, in partnership with the Elm Creek Watershed, has completed a stream restoration in the southern portion of the study area. In addition, the RLAA is an active group partnering with the City on funding and implementation of projects to improve and protect Rice including a drawdown during the winter of 2021-2022 and on-going carp management.](#)

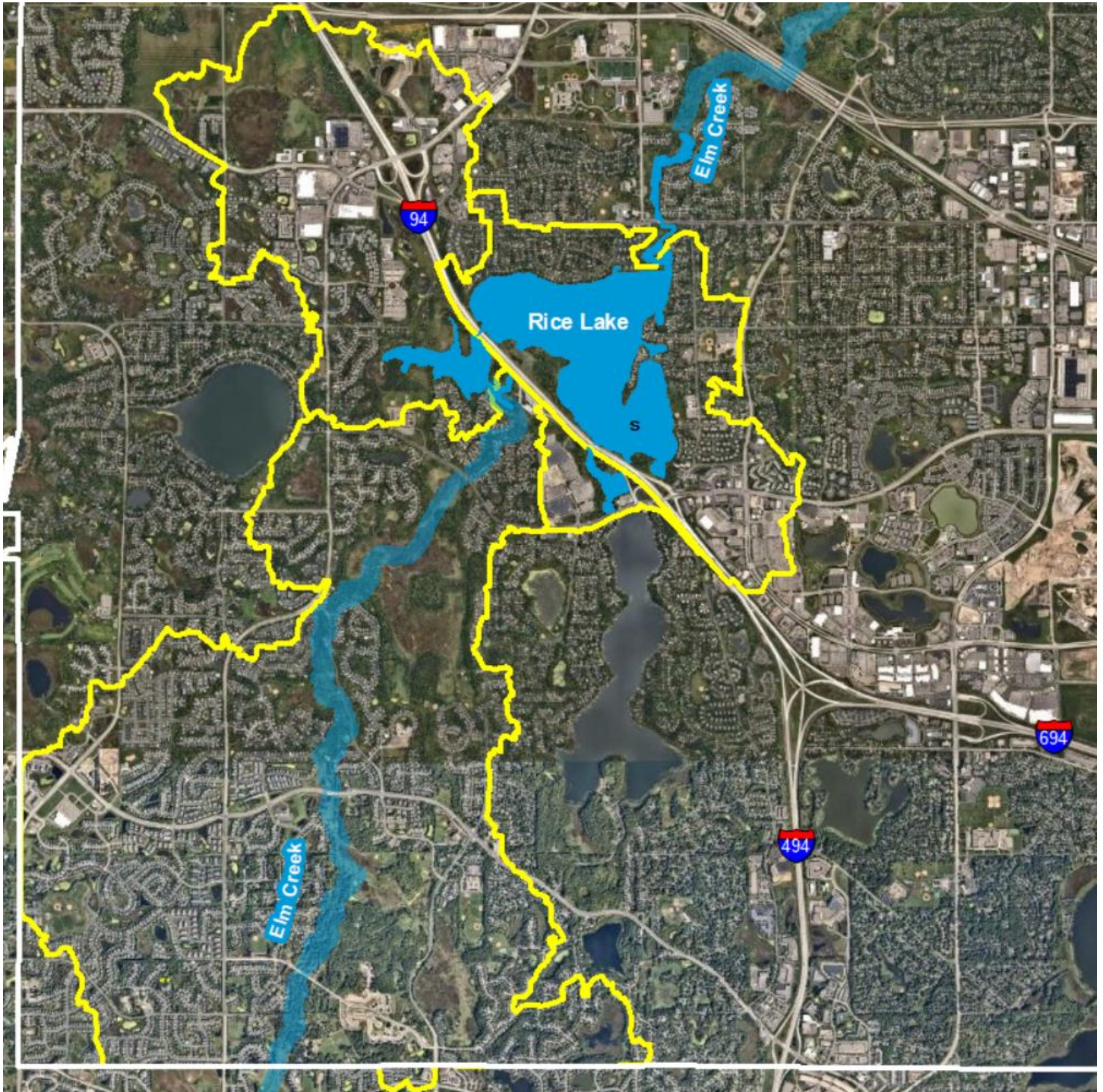
Does the sponsoring city presently have plans to incorporate the SWA information into their planning or other work? Please explain. [The sub-watershed assessment will serve to organize existing data, identify gaps, update watershed modeling, and will serve as the genesis for projects in the Rice Lake sub-watershed originating from the RLAA and/or the City of Maple Grove.](#)

Other information

Is there anything else the Commission should know about the proposed SWA? [No.](#)

Attachments

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





3235 Fernbrook Lane
Plymouth, MN 55447
(763) 553-1144
Fax: (763) 553-9326
judie@jass.biz

To: Elm Creek Commissioners
cc: Elm Creek TAC Members
From: Judie Anderson
Date: March 2, 2022
Subject: Project Reviews – O&M Agreements

BACKGROUND:

On January 1, 2021, the Commission adopted a policy that serves as the basis for the collection of funds to cover the cost of project reviews.

While reconciling the escrow monies received with the costs of the services provided by the technical staff, it has come to our attention that many of the projects are approved contingent on receipt of an Operations and Maintenance (or other) agreement. This agreement is usually between the city and the project owner and requires approval by our technical staff. In some cases, this agreement cannot be generated until final plat occurs, sometimes years into the future.

Since the City is ultimately responsible for having such an agreement in place to document the future operations and maintenance of the stormwater pond/device/structure, we were concerned that the language in the Commission's Rules is adequate for this purpose. If such language were to be included in the final approval, it would remind cities that this is their responsibility, and Commission staff would not have to go through the lengthy and costly process of ascertaining that the agreements are in place.

The Commission's Rules state the following:

RULES AND STANDARDS

RULE B. PROCEDURAL REQUIREMENTS

5. CONDITIONS. A project review may be approved subject to reasonable conditions to assure compliance with these Rules. The conditions may include a requirement that the applicant and owner enter into an agreement with the member city in a form acceptable to the Commission to a) specify responsibility for the construction and future maintenance of approved structures or facilities, b) document other continuing obligations of the applicant or owner, c) grant reasonable access to the proper authorities for inspection, monitoring and enforcement purposes, d) affirm that the Commission or other political subdivisions can require or perform necessary repairs or reconstruction of such structures or facilities, e) require indemnification of the Commission for claims arising from issuance of the approved project review or construction and use of the approved structures or facilities, and f) reimburse the reasonable costs incurred to enforce the agreement. Project reviews and agreements may be filed for record to provide notice of the conditions and continuing obligations.

In checking with the Commission's attorney, Joel Jamnik, regarding this matter, he responded:

"[My] Only concern is [the] last sentence - Project reviews and agreements may be filed for record to provide notice of the conditions and continuing obligations.

"I would prefer it read, 'Conditions of approval for project reviews and agreements implementing those conditions that bind future owners of the project shall be recorded to provide notice to future owners of the conditions of approval and the future owners' continuing operation and maintenance obligations.'"

At the February Technical Advisory Committee meeting, members expressed concern that the communication (above) did not adequately address the issue of requiring O&M agreements as a condition of final project review approval, specifically the requirements in Rules 6 and 7, and requested Staff to go back to the Commission's attorney to discuss their concerns.

RULE B. PROCEDURAL REQUIREMENTS

6. ISSUANCE OF PROJECT REVIEWS. The Commission will issue a project review approval only after the applicant has satisfied all requirements of these Rules and paid all required fees.

7. VALIDITY. Issuance of a project review approval based on plans, specifications, or other data shall not prevent the Commission from thereafter requiring the correction of errors in the approved plans, specifications, and data, or from preventing any activity being carried on thereunder in violation of these Rules.

Following is Jamnik's response:

"Rules 6 and 7 do not affect, and conversely are not affected, by our revisions to paragraph 5.

"Our project reviews are based on proposed plans. If the projects are not constructed, there is no need for an Operations and Maintenance agreement. The O & M, or Stormwater Maintenance Agreement, is intended to identify the person, association or entity that is responsible for the facility and to specify the responsibilities. As you noted, usually if not covered in an agreement, disputes can arise whether it is the responsibility of the landowner, association, or city. If the proper documents are not recorded identifying the responsible person(s), the City is most often the entity left on the hook for managing the facilities within their boundaries.

"I think it is difficult administratively for the Commission and its staff to birdog the development process that each member City uses for monitoring and permitting developments, and that should be the responsibility of the City staff since stormwater management is but one part of the project's infrastructure. It is inefficient to have you spend your time checking the status of SMA/O&M documents when easements, outlot dedication, and sanitary sewer, roads, and utility issues are all addressed by city staff and city consultants."

The Technical Advisory Committee subsequently recommended to the Commission the following:

1. That the language recommended by the Attorney be incorporated into the recommendations of appropriate project reviews, effective immediately.
2. That Rule B be modified to incorporate this language at such time as the Rules are adopted as part of the Commission's Fourth Generation Watershed Management Plan.

On February 14, 2022, Staff discussed this action with Board of Water and Soil Resources Conservationist Steve Christopher to affirm that this action **will not** require a Minor Amendment to the Third Generation Plan. He wrote:

"The changes recommended to the Elm Creek Watershed Management Commission in the February 2, 2022 memo from you to the Elm Creek TAC Members fall under Minnesota Rule [8410.0140 Plan Amendments Subp. 1a](#). Changes not requiring an amendment. Specifically, the changes meet F. adjustments to how an organization will carry out program activities within its discretion. There are no proposed changes to the existing goals, priorities or outcomes and this will aid the Commission in achieving its stated objectives within the Watershed Management Plan."

ACTION:

1. That the language recommended by the Attorney be incorporated into the recommendations of appropriate project reviews, effective immediately.
2. That Rule B be modified to incorporate this language at such time as the Rules are adopted as part of the Commission's Fourth Generation Watershed Management Plan.

Elm Creek Watershed Management Commission
Cost Share Policy
Proposed Revisions

To facilitate implementation of improvement projects within the watershed, the Elm Creek Watershed Management Commission's Joint Powers Agreement (JPA) and Section V of its Second Generation Watershed Management Plan provide for a Capital Improvement Program (CIP). The JPA also describes how the costs of capital projects shall be allocated.

The Management Plan proposes to share the cost of high-priority watershed capital improvements and demonstration projects through the CIP. High-priority watershed capital improvements are those activities that go above and beyond general city management activities and are intended to provide a significant improvement to the water resources in the watershed. To be considered for inclusion in the CIP, projects must be identified in a Commission-adopted management plan, approved TMDL, or member local stormwater plan or CIP.

In order to identify projects for inclusion on its Capital Improvement Program, the Elm Creek Watershed Management Commission will accept city proposals for cost-share projects until March 15 of every year. Following that date, the Commission's Technical Advisory Committee will review and score the submittals and make a recommendation regarding additions and revisions to the Commission's existing CIP at their regular May meeting.

The Commission has developed a set of criteria by which proposed projects will be scored, with those projects scoring a certain minimum number of points on the submittal form screening questions advancing to a prioritization stage. (Refer to the Commission's Capital Improvement Program Standards and Guidelines.)

Prior to consideration for funding, a feasibility study or engineering report must be written for the proposed project. The city acting as the lead agency for a proposed project will be responsible for the development of and the costs associated with the feasibility study/engineering report.

The Commission has elected to fund capital projects through an ad valorem tax levy. Under the authority provided by MN Stat 103B.251, Subd. 5, the Commission has the authority to certify for payment by the county all or part of the cost of an approved capital improvement. The Commission will pay up to 25 percent of the cost of qualifying projects. This amount will be shared by all taxpayers in the watershed, with the balance of the project cost being shared by the local government(s) participating in or benefiting from the improvement.

a. ~~The Commission's maximum annual share of an approved project is up to \$250,000.~~

- 1) The Commission's share will be funded through the ad valorem tax levy – spread across all taxpayers within the watershed.
- 2) The Commission will use a maximum annual levy of ~~\$500,000~~ \$750,000 as a working guideline.

b. The cities' share will be a minimum of 75% of the cost of the project. The basis of this apportionment will likely be unique to each project. The 75% share will be apportioned to the cities in the following manner or in some other manner acceptable to them. For example,

- 1) The area directly benefiting from the project will be apportioned 25% of the cost of the project. This will be apportioned to cities based on the proportion of lake or stream frontage.

- 2) 50% of the cost of the project will be apportioned based on contributing/benefiting area.
- c. The cities will each decide the funding mechanism that is best suited to them for payment of their share, for example through special assessments, storm drainage utility, general tax levy, or watershed management taxing district.
- d. Funding from grant sources may also be used to help pay the costs of the capital projects.

The Elm Creek Watershed Management Commission may consider Commission- or City-generated requests to undertake subwatershed assessments (SWAs). Primarily, SWAs will be completed in rural areas suspected of being high-nutrient loading and will be specific enough to identify potential load-reducing projects. SWAs will be

- a. Supported by the City in which the SWA is located.
- b. Undertaken at the discretion of the Commission.
- c. Funded by a \$15,000 maximum cap (grant or Commission funding) and a 20% match by the City requesting the SWA.

Revised December 8, 2021
Revised October 12, 2016
Adopted April 11, 2012

elm creek

Watershed Management Commission

DRAFT

2022 WORK PLAN

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

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

1. Continue to review local development/redevelopment plans for conformance with the standards outlined in the Commission's Third Generation Watershed Management Plan. *Evaluate the 2021 project review policy, application form, and fee schedule to determine how well they are meeting the Commission's goal of funding the costs of reviewing the projects. Revise the language for approval of O&M agreements.*
2. Continue to partner with the Three Rivers Park District (TRPD) to share in the costs of conducting lake and stream monitoring in the watershed. *In 2022, TRPD will monitor Elm Creek at 77th Avenue (ECF77); Rush Creek at Territorial Road (RT); and Diamond Creek (DC) for continuous flow and water quality. A dissolved oxygen longitudinal survey will also be conducted on Rush Creek in 2022. TRPD will also monitor four sentinel lakes (Fish, Weaver, Diamond, and Rice) and two additional non-sentinel lakes in the Elm Creek Watershed in 2022. An aquatic vegetation point-intercept survey will be completed on one of these lakes. Under the cooperative agreement, the Commission and the Park District will also provide financial support to assist the monitoring*
3. Fund the monitoring of one lake through Metropolitan Council's Citizen Assisted Monitoring Program (CAMP). *One lake will be monitored through CAMP in 2022.*
4. Continue to operate the monitoring station in Champlin in cooperation with the United States Geological Survey (USGS). *The cooperative agreement with the USGS will be renewed for WY2022.*
5. Promote river stewardship through Hennepin County's RiverWatch program with three sites in 2021, *depending on the status of the pandemic. Because of this uncertainty, the Commission will not be charged for this service in 2022.*
6. Participate in the MN Wetland Health Evaluation Program (WHEP) with four wetlands in 2021, *again, depending on the status of the pandemic. Because of this uncertainty, the Commission will not be charged for this service as well.*
7. Conduct the biennial solicitation of interest proposals for administrative, legal, technical and wetland consultants. *This process will be undertaken in January 2023. Solicitations will be published in a December 2022 edition of the State Register.*
8. Continue as a member of the West Metro Water Alliance (WMWA). *A new Educator was hired in December 2021 and will begin reaching out to schedule classroom visits in 2022. Depending on the status of the pandemic, Watershed PREP classes may be conducted virtually. A video of the Watershed PREP class*

is available on the WMWA website for home school or classroom viewing. <http://www.westmetrowateralliance.org/> The four member watershed organizations, Bassett Creek, Elm Creek, Shingle Creek, and West Mississippi, will continue to develop materials in response to the new NPDES Permit Requirements, concentrating on educational content regarding pet waste, chlorides/salt, and illicit discharge.

9. Promote “Lawns to Legumes,” a program for residents to seed their lawns with a bee lawn mix, targeting habitat for the Rusty-patched bumblebee, an endangered species. A collaboration between Blue Thumb and the Minnesota Board of Water and Soil Resources (BWSR), provides cost-share funding and other resources to help Minnesota residents establish pollinator habitat in their yards. *The Commission supports this program with membership in Blue Thumb and links to its website.*
10. Sponsor Resilient Yard Workshops as part of the Commission’s Education and Public Outreach Program. The workshops are presented by Metro Blooms. *Since the start of the pandemic, all workshops have been held virtually and will continue virtually through 2022. Registration for the 2022 workshop season will open February 1, 2022, when partner organizations will receive communication materials to help announce the opportunity to attend workshops in their area. This year, workshops in our area will be sponsored by the cities of Champlin, Crystal, Plymouth, and Minneapolis.*

A new Blue Thumb training program has been implemented to teach participants skills in inspecting and caring for raingardens and other green infrastructure, all within a framework of eco-friendly landscaping practices. People who take part in the full session will receive a Sustainable Landcare Certificate. Participants in the program first receive Stormwater Basics, learning about watersheds and how water travels in our urban environment. They also learn how raingardens are built, how they work, and how to inspect them to ensure they function properly. An important part of the program is weedy plant identification and vegetation management (a major culprit of dysfunctional raingardens) to avoid the need for chemical use, when possible.

11. Continue as a member of Blue Thumb and WaterShed Partners. *Staff will continue to virtually attend WaterShed Partner meetings and Blue thumb meetings to share resources, bringing back programs and ideas for promotion by the Commission. Administrative staff attended these meetings, offering expertise and otherwise participating to support our shared goals, and providing updates to the Commission at their monthly meetings.*
12. Continue to work in partnership with the University of Minnesota’s agriculture specialist to help build relationships with the agricultural community in the watershed to achieve TMDL load reductions. *The status of the pandemic will determine what amount of interaction with landowners can occur in 2022. Communication between landowners and Hennepin County will continue through targeted mailers and other means. Identified projects from 2021 outreach will advance into implementation phases in spring/summer of 2022.*
13. Work with the Hennepin County Rural Conservation Specialist. Assist landowners in identifying BMPs for implementation throughout the watershed. Work with member cities to identify projects that will result in TMDL load reductions. *Hennepin County Environment and Energy Staff will collaborate with landowners to identify BMP projects as well as larger, more strategic projects for inclusion on the Commission’s Capital Improvement Program (CIP). Through a variety of outreach efforts, Hennepin County specialists are working with landowners to identify which BMPs would be the most effective in retaining pollutants while remaining manageable. In addition, Hennepin County staff is now working more closely with the City of Corcoran to ensure that their office is aware of ongoing projects, while looking for other opportunities to leverage resources to implement further BMP projects. The County will look to expand this coordination throughout 2022. County Staff will provide updates to the Commissioners through their monthly Staff Reports.*

14. Send call out to member cities, requesting them to provide updates to the projects already included on the Commission's Capital Improvement Program (CIP) as well as inform the Commission of new projects that they would like to have considered for inclusion on the CIP. Hold public meeting, adopt an amendment to the Third Generation Watershed Management Plan, conduct public hearing, and certify levy to Hennepin County. *Hennepin County will continue communicating CIP updates to member cities into 2022. Further, staff will work to provide cities with updates on projects currently underway as well as prospective projects as they arise.*
15. Undertake high priority projects identified in the Rush Creek Headwaters Subwatershed Assessment. *This activity will continue in 2022. Best management practices that will reduce nutrient, sediment, and bacterial contamination in the Rush Creek Watershed have been completed over the past year or are currently nearing implementation. A grassed waterway and detention basin were installed on farm fields adjacent to Jubert Lake that will retain 15 tons of sediment and 15 pounds of Phosphorus per year. More high priority projects related to curbing manure and nutrient runoff, such as manure bunkers and filter strips, have been identified and are in the initial stages of planning. Larger projects such as the Jubert Lake Agricultural BMPs, are entering second phases that will include grassed waterways, culvert stabilization, and wetland restoration.*
16. Adopt a 2023 operating budget. *A Budget Committee will draft a 2023 operating budget for consideration by the Commission in May 2022.*
17. Prepare a 2021 Audit Report. *This report will be prepared by Johnson and Company, LTD and forwarded to BWSR per MN Rule 8410.*
18. Continue to populate and maintain the Commission's website www.elmcreekwatershed.org to provide news to residents, students, developers and other individuals interested in the water resources of the watershed. *This activity will continue in 2022.*
19. Publish an annual activity report summarizing the Commission's yearly activities and financial reporting. *The 2021 Annual Activity Report will be published in April 2022 and made available to the member cities and the public on the Commission website, <http://www.elmcreekwatershed.org/annual-reports.html>.*
20. Having had two different allocation processes in as many biennia, the Board of Water and Soil Resources BWSR held several Listening Sessions to take feedback and help decide how to allocate FY22 Watershed Based Implementation Funds (WBIF). On October 27, 2021, the BWSR Board approved a process that would allocate funds to Metro watersheds with "a \$75,000 minimum per watershed planning area inside of the Metro, and a distribution of funds based on a weighting of 90% private land and 10% on public waters to all eligible areas." *At 2021 year-end, Commission Staff were in contact with BWSR staff to learn more about that method. It appears that project requirements will include a minimum 10% match, must be load reduction practices, and could be structural or non-structural. The Elm Creek planning area has been awarded \$297,774. The Commission has tasked the Technical Advisory Committee to be the lead in identifying the project or projects that would be submitted for funding.*
21. Complete Special Flood Hazard Areas on the FEMA Floodplain maps located within the watershed into current modeling packages. The total budget for this project in Elm Creek was \$92,772.45 and did not require a local match. At December 25, 2020, eight percent of the original budget remained, not including \$14,800 of additional work authorized by the DNR in December 2020 and an additional \$1,200 for the revision of 12 subwatersheds and update of the HEC-HMS model inputs for those subwatersheds. Work was completed by the end of the term of the contract, March 31, 2021. The DNR began presenting the model to the member cities on March 18, 2021.

As the member cities reviewed the model they noted significant differences between the flood elevations in their communities' hydrologic and hydraulic (XPSMWM) models and those included in the

HUC-8 study. The MNDNR had proposed to complete extensive surveys of all hydraulic structures (bridges, culverts, and weirs) within the effective (FEMA mapped) floodplain; however, the MNDNR was unable to complete these surveys with limited budgets and many hydraulic structures were modeled based on assumptions made from review of aerial imagery.

(The DNR paused the flood risk map updates in mid-2021 due to staffing shortages. The Commission was informed in late December 2021 that they are being resumed.)

At their May 12, 2021, meeting, the Commission authorized Stantec to undertake a Third Party Review of the study results. Stantec's findings were summarized and presented to the Commission's Technical Advisory Committee (TAC) in December 2021. The TAC directed Stantec to forward their summary and recommendations. *Members of the Commission and the Technical Advisory Committee will attend the MNDNR Flood Risk Review meeting when it is scheduled to discuss the floodplain work that has already been completed.*

Representatives from the DNR, Stantec, and the Commission's TAC will meet virtually to discuss Stantec's findings and recommendations. Based on the outcome of those discussions, consider various proposals to rectify the work already completed in order to bring the project into satisfactory completion. Stantec and Barr Engineering will prepare a scope of work/proposal to present to the TAC and the Commission at their March 2022 meetings.

DNR requires that the work products be completed by mid-2022, and is anticipating that the project will be completed by September 2022.

22. Support the City of Corcoran and its partners as they undertake a subwatershed assessment for the South Fork of Rush Creek. A small portion of the South Fork also flows through the cities of Maple Grove and Medina. *Corcoran's City Council has approved a Stormwater Area Charge Study to evaluate options with results anticipated to be presented to the Council in early 2022.*
23. Support the City of Dayton and its partners to continue efforts for completion of the Diamond Lake subwatershed assessment. *The final report is substantially complete. The report and results will be presented to the City in early 2022.*
24. Make application for funding from the newly-created Minnesota Pollution Control Agency (MPCA) resiliency grant program. This program provides grants to communities statewide for climate resiliency planning. The grants can pay for the climate risk assessment, planning, and pre-design needed to inform the development of bonding proposals to upgrade stormwater infrastructure. Grants will be available on a competitive basis to counties, cities, townships and Tribal Nations in Minnesota.
25. Convene a meeting of the Technical Advisory Committee to review any discrepancies between the Commission and member city Rules and Standards. *On August 26, 2021, the TAC began its review with discussion regarding the challenges related to low elevations/low openings adjacent to flashing waterbodies such as ponds, an issue that became relevant when reviewing a project for which a variance was approved. Members worked from a flow chart created by Staff that summarized the review path taken by the Technical Staff when reviewing projects. They will continue their discussions at future TAC meetings.*
26. Participate with the Board of Water and Soil Resources in a Performance Review and Assistance Program (PRAP) Level II Review. *A Level II review, conducted by BWSR once every ten years for every local government unit, focuses on the degree to which an organization is accomplishing its water management plan. In their preliminary report, the following recommendations were brought forward by BWSR:*

- a. *Existing planning goals are too broad. They need to be more targeted, prioritized, and measurable.*
- b. *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.*
- c. *Review regulatory timelines.*
- d. *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.*
- e. *(Added during the discussion when the recommendations were presented.) Update the Commissioner Handbook, conduct training session for Commissioners. Look to League of Minnesota Cities and the BWSR website for resources/assistance.*

The preliminary PRAP report was accepted at the Commission's September meeting. The final report was received December 30, 2021.

Plymouth Commissioner Catherine Cesnik volunteered to work with Chairman Doug Baines, Stantec consultant Diane Spector, and Administrator Judie Anderson on these recommendations, particularly item 5. A couple of TAC members will also be invited to be members of this committee. Their first meeting was scheduled for February 16, 2022.

Z:\Elm Creek\Work Plans\2021 Work Plan in Review.doc

elm creek Watershed Management Commission

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STAFF REPORT

March 2, 2022

- 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. *The parties came to an agreement to resolve the violation in November or December of 2021. The agreement has been signed by BWSR, Corcoran and Mayers. Staff has not been provided with a copy of the agreement to date. BWSR responded that said agreement is not available unless it is released by one of the signers. Note, the WCA agreement does not resolve the Commission's floodplain fill issue from this wetland work. Staff sent correspondence to that effect to Mayers on February 1, 2022, requesting an application and site plan. No new information was received in February.*
- b. 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. Staff reviewed the early application and provided comments to the applicant. *Staff awaits response from the applicant on this project.*
- c. 021-026 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 Commission requirements.
- d. 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 associated parking and utility improvements. In addition, the project includes the construction of Dayton Parkway from CSAH 81 to 117th Avenue North. The Commission approved this project on November 10, 2021, conditioned upon: (a) a stormwater system operation and management agreement being approved by the Commission and the City. Said agreement must be recorded on the land title within 90 days after the final plat approvals. A copy of the recorded agreement must be provided to the Commission prior to the Commission's final approval, (b) Prior to impacts, wetland and wetland buffer strips must comply with the City of Dayton, Minnesota Wetland Conservation Act, and Commission rules, (c) Permanent easements on wetland and buffer areas, and (d) final escrow balance determination when final approval is granted (without remaining conditions). The wetland replacement plans have been approved by the City of Dayton.

RULE D - STORMWATER MANAGEMENT

RULE E - EROSION AND SEDIMENT CONTROL

RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION

RULE H - BRIDGE AND CULVERT CROSSINGS

RULE I - BUFFERS

Italics indicates new information

indicates enclosure

Revised and updated plans were received from the applicant and city in February. Staff reviewed the changes and compared the Commission's approved plan set and SWMP from October 5, 2021, to the updated site plan and SWMP dated February 14, 2022, submitted by Sambatec. Although there were quite a few minor changes to the site plans, the general overall stormwater management system and details in the revised plan appear to be consistent with the Commission's approvals, rules and standards. Wetlands, grading, and erosion control plans also appear consistent to said standards.

One item requiring an update is the wetland buffer plans on the project. The revised layout and grading affect the buffers around wetlands 8 and 21., The October 25, 2021, wetland buffer plan will need to be updated and approved by Staff. Note that the Commission's original approval contingencies above are still outstanding.

e. 2021-029 TriCare Grocery, Maple Grove. The project will construct a grocery store, retail, and associated parking on approximately 2.5 acres of the 62.7-acre TriCare parcel, which is located just north of County Road 30 and southwest of I-94. The project was reviewed for Rules D and E. Staff issued a denial in 2016 when the regional stormwater BMP project was constructed. On November 10, 2021, the Commission approved this project contingent upon reconciliation of the escrow balance and the City reconstructing the basin to meet Commission rules and standards.

f. 2021-030 TriCare Roads, Maple Grove. This project proposes 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 on the parcel. The project was reviewed for Rules D, E, G, and I. The Commission approved this project at its December 2021 meeting contingent on receipt of deficit fee escrows.

g. 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 was reviewed for Rules D, E, G, and I. The project was approved at the November 2021 meeting with four contingencies. This project will be removed from the report pending reconciliation of fee escrows and complete documentation that the project has met contingencies listed for approval.

h. 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 was reviewed for Rules D, E, G, and I. The Commission approved this project at its October 2021 meeting contingent on three conditions: (1) reconciliation of the escrow balance, (2) an operation and maintenance agreement with the City, and (3) a geotechnical report provided to the Commission.

i. 2021-037 Marsh Pointe, 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 was reviewed for Rules D, E, F, G, and I. The Commission approved this project at its December 2021 meeting condition on receipt of four items: (1) the escrow balance, (2) a Stormwater Maintenance Agreement, including irrigation system, being entered into with the City, (3) a wetland replacement plan approved by the LGU and the TEP, and (4) the buffer plan contingent upon approval of the wetland replacement plan.

j. 2021-038 Bellwether 6th/Amberly, Corcoran. The Bellwether 6th Addition and Amberly 1st Addition are developments in the city of Corcoran just west of County Road 101 and south of Stieg Road

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proposed for single-family homes. The developments are part of a 74 acre parcel also known as the Van Blaricom development. This project is located immediately west of the previous Bellwether developments (Encore) and was reviewed for Rules D, E, F, G, and I. At the December meeting, in their Findings dated November 22, 2021, and revised December 8, 2021, Staff recommended approval with five conditions: (1) return of surplus project escrows, (2) provision of a Stormwater Maintenance Agreement, including irrigation system, acceptable to the City and the Commission within 90 days after the plat is recorded for all stormwater BMP's on the site, (3) receipt of a wetland replacement plan approved by the LGU and the TEP, and (4) receipt of a buffer plan contingent upon approval of the wetland replacement plan.

k. 2021-039 I94 Logistics Center, Rogers. This is a 30.90-acre site located between I-94 on the west and County Road 13 (Brockton Lane) 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 was reviewed for Rules D, E, G, and I. The Commission approved this project at its October 2021 meeting contingent on three conditions: (1) reconciliation of the escrow balance, (2) an operation and maintenance agreement with the City, and (3) a WCA reapproval of the proposed wetland impacts.

l. 2021-042 Risor Senior Living, Maple Grove. This is a 3.19-acre project site for construction of senior living located within approved Project Review #2020-002 of the Planned Unit Development (PUD) Project 100. The project was 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, Staff administratively approved the project. This project will be removed from the report upon receipt of the outstanding escrow balance.

m. 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 demolishes these office buildings and constructs a church on the 10.56-acre parcel. The project was reviewed for Rules D, E, G, and I. The Commission approved the project at its February 2022 meeting contingent on receipt of the escrow fee balance and a Stormwater Maintenance Agreement enacted between the applicant and the City.

n. 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 associated infrastructure as well as expand the regional pond on the east side of the site and add an infiltration basin in the parking area for volume management. The Commission approved this project in January 2022 contingent upon: (1) post development flow rates in the infiltration basin must be based on in-field infiltration rates as measured with a double-ring infiltrometer or similar approved equivalent (ECWMC Rule D.3.c.ii), (2) the trench drain at the garage entrance must be hydraulically separated from the storm sewer system. Verification of where the trench drain will outlet and the elevations of said pipes must be provided. The separation elevation must be at 861.7 or higher, (3) long term operation and maintenance for the on-site infiltration basin must be provided. The applicant must provide an O & M plan for the basin that is acceptable to the City and the Commission, and the plan must be recorded within 90 days after the plat is filed or a building permit is issued. A copy of the recorded O & M plan must be provided to the Commission, and (4) approval is contingent upon reconciliation of the final escrow fee balance, to be determined when all conditions for approval are met.

In January, updated plans with the hydraulic separation of the garage sump pump and an approved O & M plan were received (items 2 and 3). Recording documentation of the O & M plans along with the final in-

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filtration testing of the stormwater basin are still outstanding.

o. 2021-046 Len Busch Roses, Plymouth. This project proposes to add an additional 25,00-square foot greenhouse on this site, disturbing 1.70-acres and creating 0.64-acres of new impervious on the site. The project was reviewed for Rules D and E. The Commission approved the project at its February 2022 meeting contingent on two conditions: receipt of escrow fee balance and a Stormwater Maintenance Agreement enacted between the applicant and the city.

p. 2021-047 CR 10 Box Culvert Replacement, Corcoran. Hennepin County will be replacing an existing 6'x10" box culvert with a 6'x6", 6'x4' and a 36" CMP pipe to replicate the existing flows of Hennepin County Ditch #16 under CR 10. The project was reviewed for Rules D, E, F, G, and H. The Commission approved the project at its February 2022 meeting contingent on two conditions: receipt of escrow fee balance and an approved wetland alterations plan.

q. 2021-048 Bellwether-Newman West, Corcoran. This parcel is the most recent phase of the Bellwether/Encore development. It is in the southwest 58-acre quadrant of the overall project (previously called the Encore development) located west of CR 101, south of Stieg Road and north of CR 30. It was reviewed for grading and erosion control and consistency with the previous approvals. The original phase I grading and the overall stormwater management plans for this project were approved by the Commission under project 2018-032. In their findings dated November 24, 2021, Staff administratively approved the project with the following four conditions. (1) Reconciliation of escrow fees when all conditions for approval are met, and (2) Wetland replacement plan approvals from the LGU must be provided for the Commission's review and must be approved by the LGU prior to any temporary or permanent impacts, and (3) Long term operation and maintenance of the regional and localized basins must be provided per Commission's requirements. and (4) Corcoran grading approval. *BWSR wetland bank credit withdrawal verification for this project was received in January. No other revisions have been received to date.*

r. 2021-049 Dayton Business Interchange, Dayton. This is a 14-acre site, proposed to be developed into a 124,000 SF office/warehouse building along with truck staging area, parking areas and related utilities. Two filtration basins are proposed for stormwater management and construction of 6.93 acres of new impervious areas. Preliminary comments and request for revisions were provided to the applicant on November 19. *Revised plans received in January have been reviewed, but do not meet the Commission's requirements. The decision deadline was extended by Staff to March 6, 2022. No new information was received in February. On March 2, 2022, the applicant requested, and Staff approved, an extension of the 15.99 deadline to May 5, 2022.*

s. 2021-050 Evanswood, Maple Grove. This proposed development will construct 227 single-family and 138 townhomes in the northwest corner of Maple Grove, disturbing 108.5-acres, and create 45.8-acres of impervious surfaces, 41.4-acres of which is net, new impervious surfaces. The project was reviewed for Rules D, E, F, G, and I. Staff recommend approval contingent on five conditions: (1) final escrow balance being reconciled; (2) the applicant shall provide a Stormwater Maintenance Agreement that is acceptable to the city and the Commission within 90 days after the plat is recorded for all stormwater BMP's on the site that will not be operated and maintained by the city. Because the irrigation system included with the stormwater reuse BMP is part of the overall water reuse system that is necessary to meet the Commission's standards, the irrigation system shall be included in the Stormwater Maintenance Agreement. The applicant should provide irrigation distribution plans (pipe locations, size, preliminary pump plan, augmentation water info, area to be irrigated, and demonstration that the receiving soils have infiltration capacity) and an Operation and Maintenance Plan for the stormwater system, including the irrigation system; (3) the wetland

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de minimis exemption plan approved by the LGU and the TEP; (4) wetland monumentation along Lots R1 through R40 and U1 through U22 shall be in provided in accordance with Commission standards; and (5) a rock construction entrance shall be provided for Driveway #1 for access from 105th Avenue North.

t. 2021-051 Fields of Nanterre, Plymouth This project is the proposed maintenance of an existing drainage swale to remove accumulated sediment and cattails. The project does not create any new impervious surfaces. The project triggers Rules E and G. Pursuant to Commission Resolution No. 2005-01, In their findings dated November 22, 2021, Staff administratively approved the project contingent on (1) final escrow balance being reconciled and (2) an approved wetland no-loss decision or alternate approved wetland decision type being submitted to the Commission.

u 2021-052 Norbella Senior Living, Rogers. This project will construct a 40-unit senior living facility on South Diamond Lake Road. The proposed disturbance is 2.4-acres with net, new impervious surfaces of 1.4-acres. The project is being reviewed for Rules D and E. Initial comments were sent to the applicant on December 16 and Staff received responses on January 25. Staff recommend approval contingent on three conditions: (1) final escrow balance being reconciled, (2) a stormwater maintenance agreement being put in place between the owner and the city with terms acceptable to the Commission, and (3) a detail being added to the construction drawings showing the inspection ports being installed along the isolator row of the underground filtration system.

v 2021-053 Towns at Fox Creek, Rogers. This proposed development will construct 150 multi-family townhomes between Industrial Boulevard and Hynes Road, disturbing 15.4-acres with 7.46-acres of impervious, 5.88-acres of which is net, new impervious surfaces. The project is being reviewed for Rules D, E, and G. The applicant is working on revisions requested by Staff. No recommendation is available for the Commission at this time.

w. 2021-054 Stotts Family Farm Grassed Waterways, Corcoran. A complete application was received on December 23, 2021. This project will be reviewed for grading and erosion control plans only. Staff will have the authority to make the decision on this project. *Current plans do not meet the Commission's requirements. Comments to that effect were provided to the applicant and their agent on January 5, 2022. As requested by the applicant, the 15.99 deadline was extended to April 21, 2022, to allow him additional time to provide the requested information.*

x. 2021-055 Morningside Estates 6th Addition, Champlin. This proposed development will construct seven single-family homes adjacent to the recently reviewed Oaks at Bauer Farm Project (2021-012) on the north side of French Lake Road, disturbing 2.8-acres and creating 0.8-acres of net, new impervious surfaces. The project is being reviewed for Rules D and E. Staff have requested an independent review of findings and recommendations to present at the next Commission meeting.

y. 2022-001 Dayton Field 2nd Addition, Dayton. This is two parcels, 56 acres in size, proposed to be developed into two lots and an outlot. Lot 1 will be an industrial building, lot 2 will be a self-storage facility and the remaining outlot will not be disturbed. Initial site plans do not meet the Commission's requirements. Staff's review and findings are including in the meeting packet.

z. 2022-002 Summerwell Townhomes, Maple Grove. The proposed project is for construction of a 26-acre site into a residential, townhome. The project will create 13-acres of impervious, all of which is net, new impervious. The project triggers rules D, E, G, and I. The applicant is working on revisions requested by Staff. No recommendation is available for the Commission at this time.

aa. 2022-003 Fox Briar Ridge East, Maple Grove. *The proposed project is for construction of eight townhomes and one single family home with associated sidewalks, roads, and stormwater infrastructure. The project will create 1.81-acres of impervious, 1.68-acres of which is net, new impervious. The project triggers rules D and E. The applicant is working on revisions requested by Staff. No recommendation is available for the Commission at this time.*

ab. 2022-004 Loram/Scannell Medina Industrial EAW. *Commission administrative and technical staff opened a project number to track time associated with an environmental assessment worksheet. The project is for a warehouse site on Arrowhead Drive, just south of Highway 55. Comments were submitted to the City of Medina on behalf of the Commission.*

ac. 2022-005 Bellwether 7th Addition. *The project site is a 4-acre parcel within the Bellwether project, known as the Schober property. The proposed project would construct 17 single-family homes and expand existing pond 6N. The project was part of previous Bellwether project reviews and therefore only triggers Rule E. Three conditions are necessary for final administrative approval: (1) final escrow balance being reconciled; (2) approved stormwater ponding parameters of Pond 6N must be verified by the applicant; and (3) erosion and sediment controls must meet Commission and MPCA requirements. Staff will approve site plans when items 2 and 3 are provided and acceptable. Project review and findings are included in this month's packet.*

ad. 2022-006 Hamel Townhomes, Medina. *The proposed project is for construction of 30 townhomes with associated sidewalks, roads, and stormwater infrastructure. The project will create 1.76-acres of impervious, 1.54-acres of which is net, new impervious. The project triggers rules D and E. The application was received too late to be considered at the March Commission meeting. No recommendation is available for the Commission at this time.*

ae. 2022-007 Weston Commons 2nd Addition, Maple Grove. *The proposed project is for construction of 82 row, townhomes with associated sidewalks, roads, and stormwater infrastructure. The project triggers rules D, E, and I.. Current site plans do not meet the Commission's requirements. Preliminary comments were provided to the applicant on March 1. Updates and a recommendation will be provided at the April Commission meeting if available*

af. 2022-008 Bechtold, Corcoran. *This is two parcels that total 117.6 acers proposed to be subdivided into 12 large, single-family lots.. The project will create 6.3-acres impervious areas, 4.5-acres which are net, new impervious. The project triggers rules D, E and I. The application was received too late to be considered in the March Commission meeting. No recommendations are available for the Commission at this time.*

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

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

bb. 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. On November 2, 2021, Derek Asche reported there is no update for this project.*

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bc. 2016-005W Ravinia Wetland Replacement Plan, Corcoran. In December 2016, the Commission approved Staff's recommendations on this wetland replacement plan. Barr Engineering is providing monitoring to ensure the replacement meets the performance standards of the approved plans. Annual reports were submitted to the US Army Corps of Engineers (USACE) in February 2019, February 2020, and March 2021. As of March 2021, wetlands and buffers are looking good but will need continued vegetation management in 2021 to get rid of invasive species (mostly cattail). Hydrology is good in both the restoration and creation areas. *Cattail and Reed canary grass reemerged during the 2021 growing season and will likely need another year of aggressive maintenance in 2022. The 2021 monitoring report will be submitted to the USACE in March 2022 with recommendations for maintenance.*

bd. 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.

be. 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.

bf. 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.

bg. 2018-048 Faithbrook Church, Phase 2, Dayton. This project is an expansion of an existing church located northeast of the intersection of Fernbrook Lane and Elm Creek Road. The Commission approved this project in November 2018 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, likely due to funding needs of the applicant. 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.

bh. 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.

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bi. 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 awaiting the O&M plan.

bj. 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 O&M plan approved by the City and Commission and recorded on the title for this property, with a copy provided to the Commission. On November 2, 2021, Derek Asche reported no update for this project.

bk. 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.

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

bm. 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 compliant with the Commission's original approvals for stormwater management and administratively approved the plans

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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. On November 2, 2021, Dusty Finke provided the Commission with a copy of the recorded O&M agreement.

bn. 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.

bo. 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 and with minor updates to the hydrology report and the SWPPP. The Commission approved Staff recommendations at their December 9, 2020, meeting.

bp. 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.

bq. 2020-036 Balsam Pointe, Dayton. This project will create 98 residential units on a 10-acre site near the intersection of Diamond 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 was 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.

br. 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.

bs. 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 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

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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. *The outstanding fees have been received.*

bt. 2021-020 Crew Carwash, Maple Grove. This project would reconstruct an existing bank building and parking lot on a 1.80-acre parcel into a carwash. The site is located southwest of the intersection of Weaver Lake Road and Elm Creek Boulevard with access from Grove Drive. The disturbance is 1.52 acres, the existing impervious is 1.07 acres, and the proposed impervious is 1.17 acres. Runoff from this site flows into a regional pond on Arbor Lakes Parkway, which ultimately discharges to Rice Lake. The City has stated that the regional pond meets rate control and water quality treatment for the site. The applicant is proposing to use soil amendments to meet the Commission's volume rules. The Commission approved the project at its June meeting contingent on a maintenance agreement being filed with the City with terms agreeable to the Commission. The surplus escrow will be returned to the applicant.

bu. 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 surplus escrow will be returned to the applicant.

bv. 2021-023 Maple Grove MOB, Maple Grove. This project would construct a Medical Office Building and associated parking on an undeveloped parcel. The site is 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 was reviewed for Rules D and E. The Commission approved this project at its October 2021 meeting contingent on: receipt of deficit fee escrows and an operation and maintenance agreement with the City.

bw. 2021-024 Riverwalk, Dayton. This site is south of CR 12 (Dayton River Road) and west of River Hills Parkway approximately 1/4 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 surplus escrow will be returned to the applicant.

bx. 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 was reviewed for Rules D and E. The Commission approved this project at its October 2021 meeting contingent on receipt of deficit fee escrows and an O&M agreement with the City.

by. 2021-035 Mister Carwash, Rogers. The project includes redevelopment of an existing, vacant Staff 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. The Commission approved this project at its December 2021 meeting with four contingencies: 1) receipt of deficit escrows, 2) a Stormwater Maintenance Agreement, including irrigation system, being entered with the City, 3) A wetland replacement plan approved by the LGU and the TEP, and 4) the buffer plan contingent upon approval of the wetland replacement plan.

bz. 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 updated October 5, 2021, wherein Staff recommended contingent approval with five conditions, were approved at the October meeting.

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ca. 2021-040 NAPA Auto Store, Corcoran. This project is located at the northwest intersection of CR 116 and 75th Avenue on the old Liquor Store parcel. The applicant proposes to demolish the current building and adjoining parking areas and construct 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 is included within the stormwater management design for this site. The Commission approved this project at their October 2021 meeting contingent upon return of surplus project escrows and a stormwater maintenance agreement being put in place between the owner and the City per Commission requirements.

cb. 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. The Commission approved this project at their October 2021 meeting contingent upon, (1) final escrow balance determination when final unconditional approval is granted, (2) wetland impacts cannot occur until appropriate LGU and WCA approvals, and (3) long term operation and maintenance of the stormwater system is determined. The City of Plymouth has agreed to the long-term operation and maintenance of the filter basin so Items 1 and 2 are the only outstanding conditions as of this update.

STANTEC PRE-PROJECT REVIEW COMMUNICATION LOG (Last 3 months)

*Elm Crk Technical Services
Prereviews and Inquiries*

Date	Applicant Name	Applicant Representative	Project	Municipality	Time Charged (hours)
12/3/2021	Anderson Engineering	Brian Field	City of Rogers Driving Range Project	Rogers	0.50
1/3/2022	Civil Site Design	Dave Knaeble	Cook Lake Highlands-- interested in flood elevation of Cook Lake	Corcoran	0.25
1/5/2022	City of Corcoran	Steve Hegland	Bellwether 7th Addition- question regarding prior approvals at the site	Corcoran	0.50
1/5/2022	Westwood	Chritian Froemke	Development in Rogers-- question regarding stormwater reuse	Rogers	0.25
1/6/2022	Loucks Associates	Vicki VanDell	Summerwell Development- ECWMC Application Requirements	Maple Grove	0.25
1/12/2022	Westwood	Chritian Froemke	Development in Rogers-- question regarding low floors	Rogers	0.25
1/12/2022	Landform	Tom Meyer	Development by City of Rogers	Rogers	0.25
1/12/2022	EOR	Daniel Mossing	Three Rivers Park District Bridge Replacement	Maple Grove	0.50
1/17/2022	Kimley Horn Engineering	Stephanie Thulien	Dayton Project- Submitting flood study	Dayton	0.25
1/19/2022	Sambatek	Conner Deur	French Lake Industrial Center- question on subsurface filtration standards	Dayton	0.00
1/19/2022	Landform	Tom Meyer	Asguard Rogers	Rogers	0.75
1/25/2022	Stantec on behalf of City of Corcoran	Steve Hegland	Bechtold Property	Corcoran	0.75
2/7/2022	JR Hill	Rick Osborg	Rogers Development	Rogers	0.50
2/8/2022- 2/9/2022	Knight Law Office PA/ US Brokerage LLC	Darren Knight	Plymouth-Hamel Parcel	Plymouth	0.50

HENNEPIN COUNTY

MINNESOTA

DATE: March 2, 2022

TO: Elm Creek Watershed Management Commission (ECWMC)

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

RE: March ECWMC Updates

2022 Technical Services Agreement

Agreement is currently being circulated within Hennepin County for internal approval and signatures. Agreement should be finalized and signed by March 31, 2022.

Project / Program Updates

Jubert Lake Agricultural BMPs Phase 1A

Contract for Phase 1A has been signed by landowner and returned to Hennepin County. Hennepin County staff met with EOR to discuss updates to plan set based on a previous field visit and meeting with landowner. Contract was signed by EOR and updated plans were submitted to Hennepin County. Current plan set is currently being reviewed by landowner. Construction slated to begin in Summer and Fall 2022.

6650 Pioneer Tr, Corcoran

Hennepin County staff met with landowner and provided updated plan set for a potential WASCOB. Discussions outlined the potential for tile to be integrated into Jubert Lake Agricultural BMPs (Phase 1B, BMP 13SE). Plans are currently being amended to reflect this request. Landowner is currently getting estimates for potential work.

Updates to Natural Resource Strategic Plan

Despite the winter's cold and snow, development work is heating up as county staff continue meeting with partners and the public to discuss future priorities in our next Natural Resources Strategic Plan.

Following completion of our [first phase of public outreach](#), staff have continued outreach over the winter focused on listening and learning from a more diverse set of voices, including meetings with both Southside and Northside Green Zone Task Forces in Minneapolis and with different youth groups.



County staff hosted our first two Collaboration Group meetings with key public entity partners. Participating external partners included those managing natural resources, water resources, and parks and trails in diverse geographies across the county. Internal collaboration partners spanned from those with clear intersections with environmental protection such as Transportation and Facility Services, to those with emerging roles, including the new [Climate and Resiliency Department](#). For partners not actively involved in these collaboration groups, there will continue to be plenty of opportunities to provide input and engage in plan development. The best way to learn about those opportunities is to sign up to receive updates [here](#).

Both internal and external partners suggested the county could play a larger role in natural and water resource protection, building off historic and recent successes working directly with or supporting partners and in interacting with communities and residents in the county's role as a Soil and Water Conservation District. Collaboration partners see the county playing a crucial role in connecting partners and bridging gaps across borders and jurisdictions. Continuing and expanding this role is key to success on more challenging projects and focus areas, such as mitigating climate change and advancing environmental justice.

Staff are using these learnings to begin development of plan goals and strategies on topics identified during the [first phase of the plan development](#), focusing on natural features and concerns most critical to residents: Wildlife & Habitat, Hydrogeology, Surface Waters, Urban Ecosystems, and Rural Ecosystems. Staff work groups were developed comprising subject matter experts in each of these areas and work is ongoing to develop a plan framework from these discussions. Staff anticipate having a draft framework by late spring, with the next phase of public outreach planned this summer to receive feedback on that framework.

Continue to look for updates in the Green Notes newsletter and on our [project website](#). Please also [sign up for email updates](#) to stay informed and learn about opportunities to provide feedback..

To: Elm Creek WMO Commissioners
Elm Creek TAC

From: Diane Spector

Date: March 2, 2022

Subject: Watershed-Based Implementation Funding
Convene Process

**Recommended
Commission Action**

Complete process steps 1-3 below, and discuss options for step 4.

This Convene meeting is intended to kick off the Watershed-Based implementation Funding (WBIF) allocation process for the Elm Creek Watershed Allocation Area. The Board of Water and Soil Resources (BWSR) approved allocations for fiscal year 2022 to the Elm Creek allocation area is **\$297,774**, which will become available July 1, 2022. Funding must be focused on prioritized and targeted cost-effective actions with *measurable water quality results* that were identified in the implementation section of a state approved and locally adopted comprehensive watershed management plan. BWSR published a Convene Process Guidance document (attached) that the Partnership will be using to develop funding options and make decisions and recommendations to BWSR for funding.

At their February 10, 2022 meetings, the TAC selected Heather Nelson from Champlin and Nico Cantarero from Dayton to represent the cities in the Partnership and the Commission selected Doug Baines from Dayton as the Elm Creek Watershed representative. Hennepin County designated Kris Guentzel to represent it as the county and SWCD.

BWSR-Recommended Convene Meeting Process:

1. Choose a facilitator.
2. Choose a decision-making process. (For example, consensus, parliamentary (Robert's Rules)).
3. Decide how to select activities for funding. Note that partnerships may also want to choose funding targets for different categories (e.g., projects, studies, education).
4. Partnerships may select activities by:
 - Developing a list of potential activities from eligible plans,
 - Dividing funding among eligible entities in an equitable manner,
 - Selecting a few priority waterbodies (lake, streams) and/or groundwater areas to prioritize activities,
 - Using agreed upon criteria to select activities, or
 - Using a process approved by the BWSR Central Region Manager.
5. Select the highest priority, targeted, measurable, and eligible activities to be submitted to BWSR as a budget request.
6. Confirm which entity will serve as grantee and/or fiscal agent for each selected activity and decide on the source of the 10% required match.

Potential Funding Activities

Funding is not limited to capital projects; anything in the Third Generation Plan's Implementation Plan may be eligible as long as its end goal is the protection and improvement of water quality. As a reminder, the Implementation Plan included four broad areas, including:

- Regulation and Project Reviews
- Monitoring
- Education and Outreach
- TMDL/WRAPS Implementation
 - Load reduction through land use change
 - Targeted load reduction through subwatershed assessments
 - Agricultural outreach
 - Capital projects in the plan or a subsequently amended CIP

The Implementation Plan/CIP in the 3rd Generation Plan also includes generalized Special Projects that may be considered for funding through WBIF. Some examples of these include:

- Stream inspections to identify maintenance and restoration needs.
- Vegetation management plans for curly-leaf pondweed in Rice, Diamond, Cowley, Sylvan, and Henry Lakes.
- Feasibility studies for internal load reduction projects in Rice, Diamond, Goose, Cowley, Sylvan, and Henry Lakes.
- Agricultural BMPs cost share.
- Generic stream restoration, wetland restoration, lake internal load, and urban BMP projects yet to be defined.

Discussion

The Partnership may choose to award the funds to one high-priority project or make numerous awards for varying objectives – for example dividing up the funds into an allocation for ag cost share, a lake internal load feasibility study, a priority subwatershed assessment, targeted resident outreach, and one or more projects. Or, you may decide to focus on one or two priority lakes and undertake a suite of activities focused on making a measurable improvement in water quality. As set forth in steps 3 and 4 above:

1. Discuss preference for funding:
 - a. Limit to one or two activities or fund several activities.
 - b. Focus on one or two specific resources (one or two lakes; a stream)
 - c. Fund an existing CIP project or projects.
 - d. Solicit new ideas.
 - e. Other
2. Discuss and generate specific options for funding.
 - a. Solicit new projects or ideas for funding.

Next Steps

Depending on what is accomplished at the initial Convene meeting, the next steps at the next meeting(s) would be 1) to solidify the list of potential activities for funding, 2) determine how the Partnership will select activities for funding; 3) select the highest priority activities for funding.

11/19/21

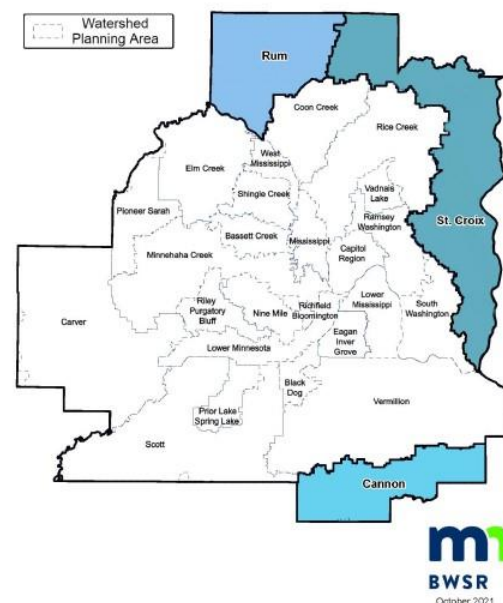
Metro Area Watershed-Based Implementation Funding (WBIF) Program FY22-23 Convene Process Guidance

The purpose of WBIF is to supplement existing funding to accelerate clean water activities (practices, projects, and programs) toward advancing Minnesota's water resources goals through prioritized and targeted cost-effective actions with measurable water quality results.

In the seven-county Metropolitan Area (Metro), only activities identified in the *implementation* section of a state approved and locally adopted comprehensive watershed management plan developed under Minnesota statutes §103B.101, Subd. 14 or §103B.801, watershed management plan required under §103B.231, county groundwater plan authorized under §103B.255, or a Metro soil and water conservation district enhanced plan as described in the “*Metro SWCD Enhanced Comprehensive Plan Options Guidance Document*” (<https://bwsr.state.mn.us/watershed-based-implementation-funding-program>) and authorized under §103C.331 are eligible to be funded. Activities must also have a primary benefit towards water quality.

For purposes of this document, the group of participants in each watershed allocation area (see map) will be called a partnership (e.g., Rice Creek partnership or Rum partnership) and meetings will be referred to as convene meetings.

Twin Cities Metro Area Allocation Map for the Watershed-based Implementation Funding Program



Convene Meeting Process

The convene meeting process allows the partnership to jointly coordinate on the development of a WBIF budget request for submittal to BWSR that is prioritized, targeted and measurable. Each partnership will include one decision-making representative (participant) from each watershed district and/or watershed management organization, soil and water conservation district, county with a current groundwater plan, and up to two decision-making representatives from municipalities within the allocation area.

Prior to the initial meeting, individual organizations must select one decision-making representative to the partnership. Municipalities in each allocation area must coordinate prior to the start of the convene process to self-select up to two decision-making representatives. Municipal representatives are expected to communicate with other municipalities on the solicitation and selection of projects and

activities during the process. The partnership can then either select a local government entity (or entities) to coordinate and facilitate the convene meeting(s) or request assistance from BWSR by contacting the Board Conservationist (BC). The BWSR BC and Clean Water Specialist (CWS) must be invited to convene meetings. Meeting notes that document the general discussion, decisions, and attendees will be taken by the facilitating entity and shared with the partnership soon after each meeting and be made available upon request.

Each partnership must meet at a minimum of one time prior to submitting a budget request. Ideally, partnerships will develop a shared understanding of proposed activities during the convene meeting process. In order to improve the efficiency of the convene meeting process, BWSR recommends the following meeting objectives.

Recommended Convene Meeting Objectives:

1. Choose a decision-making process.
2. Decide how to select activities for funding. Note that partnerships may also want to choose funding targets for different categories (e.g., projects, studies, education).
Partnerships may select activities by:
 - Developing a list of potential activities from eligible plans,
 - Dividing funding among eligible entities in an equitable manner,
 - Selecting a few priority waterbodies (lake, streams) and/or groundwater areas to prioritize activities,
 - Using agreed upon criteria to select activities, or
 - Using a process approved by the BWSR Central Region Manager.
3. Select the highest priority, targeted, measurable, and eligible activities to be submitted to BWSR as a budget request (see submittal process below).
4. Confirm which entity will serve as grantee and/or fiscal agent for each selected activity and decide on the source of the 10% required match.

Eligibility

To better understand the eligibility of proposed activities, BWSR recommends that you first refer to the FY22-23 WBIF Policy at <https://bwsr.state.mn.us/grant-program-policies>. If there are questions regarding eligibility, it is recommended that the BWSR BC be consulted as early as possible.

The partnership must send the BWSR BC a list of partnership-approved activities prior to submittal of an eLINK budget request when there will be multiple grantees per watershed allocation area to ensure funds are not being overextended. This list should include the project title and description, water resource(s), proposed measurable outcome(s), grant funds requested, plan reference(s), entity requesting funding (grantee), and fiscal agent (if different from grantee).

Even if your partnership will not have multiple grantees, it is still recommended that partnerships provide the BWSR BC this same list of project details prior to completion of a budget request in eLINK in order to accelerate the eligibility screening process. This step could reduce the need for additional meetings or the number of times an eLINK budget request is completed.

A template can be provided if requested. For plan references, please provide the title(s) to the eligible water management plan(s), page number where these are found in the *implementation section* of the

eligible plan(s), and weblink to the referenced plan(s).

Submittal of the Budget Request

Once the activities have been agreed upon by the partnership, each grantee will then be responsible for submitting an eLINK (<https://bwsr.state.mn.us/elink>) budget request to BWSR. BWSR may deny the budget request for reasons such as activities are ineligible according to the WBIF Policy, activities are not identified in the implementation section of an eligible plan, requested amount is inaccurate, the request is incomplete, etc. Please save the budget request information outside of eLINK as this information is not retained in eLINK if a budget request is denied and a new budget request would need to be submitted.

Once the eLINK budget request is approved by BWSR, each grantee will be responsible for completing an eLINK work plan, which needs to be approved by BWSR **no later than March 30, 2023**. Note that if a work plan cannot be approved by this date, BWSR will reallocate these funds through the WBIF Program. Therefore, we highly recommend that eLINK budget requests are submitted no later than November 30, 2022 and the eLINK work plan is submitted by December 30, 2022. The work plan must be approved by BWSR prior to funds being distributed.

Guidance on the eLINK budget request and work plan can be found at <https://bwsr.state.mn.us/grant-profile-watershed-based-implementation-funding> under “Resources”.

Timeline (hard deadlines are in bold font)

- BWSR holds informational meeting(s) (Jan. – Feb. 2022)
- Organizations select decision-making representatives for convene meetings (Jan. – March 2022)
- Partnerships select meeting coordinator/facilitator (Spring 2022)
- 1-2 convene meetings held (Spring 2022)
- Funding available (**July 1, 2022**)
- Send list of partnership-approved activities to BWSR – this is required for areas with multiple grantees and recommended for other areas (prior to the submittal of the eLINK budget request)
- Submit eLINK budget requests (July 2022 – Nov. 2022)
- eLINK Work Plan submittal deadline (Aug. 2022 – Dec. 2022)
- eLINK Work Plan approval deadline (**March 30, 2023**). Note that if a work plan cannot be approved by this date, BWSR will reallocate these funds through the WBIF Program.
- Grant expiration date (**Dec. 31, 2025**)

Additional Information

- Please see the WBIF Policy, Allocation Table, FAQs and other guidance documents on our website at <https://bwsr.state.mn.us/watershed-based-implementation-funding-program>.
- More information about the terms “prioritize, target, and measure” can be found at https://bwsr.state.mn.us/sites/default/files/2021-11/WP_1W1P_guidebook.pdf.
- Partnerships should consider the high-level priorities of the Nonpoint Priority Funding Plan (<https://bwsr.state.mn.us/reports>).