

# elm creek Watershed Management Commission

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

August 2, 2023

Representatives **and** Members  
Elm Creek Watershed Management  
Commission Hennepin County, MN

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

A regular meeting of the Elm Creek Watershed Management Commission will be held on  
**Wednesday, August 9, 2023, at 11:30 a.m.** in the Plymouth Community Center, 14800 34th  
Avenue North, Plymouth MN.

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

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

Thank you.



Judie A. Anderson  
Administrator  
JAA:tim

Encls: Meeting Packet

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

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## AGENDA Regular Meeting August 9, 2023

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

Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN

1. Call Regular Meeting to Order.
  - a. Approve Agenda.\*
2. Consent Agenda.
  - a. Minutes last Meeting.\*
  - b. Treasurer's Report and Claims.\*
3. Open Forum.
4. Action Items.
  - a. Project Reviews.\*
5. Old Business.
6. New Business.
  - a. Call for Public Hearing.\*
7. Communications.
  - a. Buffer Inspections.\*
  - b. Staff Report.\*
  - c. Hennepin County Staff Report.\*
8. Education.
  - a. WMWA – next meeting September 12, 2023, at 8:30 a.m., via Zoom.
9. Grant Opportunities and Updates.
10. Project Reviews.

Item No.	E	A	Status	AR	Project No.	Project Name
					W=wetland project	
ca.				AR	2014-015	Rogers Drive Extension, Rogers.
cb.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
cc.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
cd.				AR	2017-014	Laurel Creek, Rogers.
a.					2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
ce.				AR	2018-046	Graco, Rogers.
cf.				AR	2020-009	Stetler Barn, Medina.
cg.				AR	2020-017	Meadow View Townhomes, Medina.
ch.				AR	2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
ci.				AR	2020-033	Weston Woods, Medina.
cj.				AR	2021-020	Crew Carwash, Maple Grove.
ck.					2021-025	Hackamore Road Reconstruction, Medina/Corcoran.

\*in meeting packet

\*\*available at meeting or on website

b.					2021-029	Tri-Care Grocery / Retail, Maple Grove
c.					2021-034	BAPS Hindu Temple, Medina.
cl.				AR	2021-035	Mister Car Wash - Rogers
cm.				AR	2021-036	D & D Service, Corcoran.
d.					2021-044	Balsam II Apartments, Dayton.
cn.					2021-050	Evanswood, Maple Grove.
e.					2021-052	Norbella Senior Living, Rogers.
f.					2022-002	Summerwell, Maple Grove.
g.					2022-003	Fox Briar Ridge East, Maple Grove.
h.					2022-006	Hamel Townhomes, Medina.
i.					2022-008	Bechtold Farm, Corcoran.
co.					2022-009	Dunkirk Lane Development, Plymouth.
j.					2022-011	Arrowhead Drive Turn Lane Expansion, Medina.
cp.					2022-012	Graco Building 2, Dayton
k.					2022-013	Dayton 94 Industrial Site, Dayton.
l.					2022-016	Rogers Activity Center, Rogers.
m.					2022-017	City Center Drive, Corcoran.
n.					2022-018	Big Woods, Rogers.
o.					2022-019	Grass Lake Preserve, Dayton.
p.					2022-020	Skye Meadows Extension, Rogers.
q.					2022-022	Cook Lake Highlands, Corcoran.
r.					2022-026	Archway Building, Rogers
s.					2022-028	Elsie Stephens Park, Dayton.
t.					2022-029	Hayden Hills Park, Dayton.
u.					2022-031	Corcoran II Substation.
cq.					2022-033	Pet Suites, Maple Grove.
cr.					2022-035	Rush Hollow, Maple Grove.
v.					2022-038	Tavera North Side, Corcoran.
w.					2022-040	Kariniemi Meadows, Corcoran.
cs.					2022-042	Walcott Glen, Corcoran.
x.					2022-043	Meander Park and Boardwalk, Medina.
y.					2022-045	Corcoran Water Treatment Plant, Corcoran.
ct.					2022-047	Suite Living of Maple Grove.
z.					2022-049	Connexus Energy Subdivision, Dayton.
aa.					2023-01	Chankahda Trail Reconstruction Phase 2, Plymouth.
cu.					2023-02	Lynde Greenhouse Fire Damage Repair, Maple Grove.
ab.					2023-04	Medina Industrial Site, Medina.
cv.					2023-06	Sota Shine, Maple Grove.
ac.					2023-08	Rush Creek Boulevard Interchange, Maple Grove.
ad.					2023-09	Magnifi Financial , Maple Grove.
ae.					2023-10	Rogers New Fire Station.
af.	A	E			2023-11	Sundance Greens 9 <sup>th</sup> Addition, Dayton.
ag.					2023-12	Hope Community Mixed-Use Development EAW, Corcoran.
ah.					2023-13	River Valley Church, Maple Grove.
ai.	A	E			2023-14	Bottema Wetland Restoration, Corcoran.
aj.	A	E			2023-15	South Fork Rush Creek Restoration at Evanswood, Maple Grove.
ak.	A	E			2023-16	Rogers South Community Park
al.					2023-17	Veit Pit – Sand and Gravel Mine, Rogers.

**A** = Action item    **AA** = Administrative Approval    **AR** = awaiting recordation    **D** = Project is denied    **E** = Enclosure provided

**I** = Informational update will be provided at meeting    **RPFI** = removed pending further information    **R** = Will be removed

**RP** = Information will be provided in revised meeting packet

11. Other Business.

12. Adjournment.

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\*in meeting packet

\*\*available at meeting or on website

# elm creek

## Watershed Management Commission

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### MINUTES Regular Meeting | July 12, 2023

**I. CALL TO ORDER.** A meeting of the Elm Creek Watershed Management Commission was called to order at 11:46 a.m., Wednesday, June 14, 2023, in the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN, by Vice Chair Catherine Cesnik.

Present: Bill Walraven, Champlin; Joe Trainor, Maple Grove; Catherine Cesnik, Plymouth; and David Katzner, Rogers. Not represented: Corcoran, Dayton, and Medina.

Also present: Kent Torve, Stantec, Corcoran; Derek Asche, Maple Grove; Rebecca Haug, WSB, Medina; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Diane Spector and Erik Megow, Stantec; James Kujawa, Surface Water Solutions; Kevin Ellis, Hennepin County Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District; Judie Anderson, JASS; and Mike Payne, Plymouth, and Stephanie Thulien and Chadd Larson, Kimley-Horn, for item IV.A.

**II. CONSENT AGENDA.** Motion by Walraven, second by Trainor to approve the Consent Agenda:

- A. Minutes\*** of the June 14, 2023, regular and public meetings.
- B. July Treasurer's Report and Claims\*** totaling \$32,065.06.

*Motion carried unanimously.*

**III. OPEN FORUM.**

**IV. PROJECT REVIEWS.**

**A. 2023-01 Chankahda Trail Phase 2 Reconstruction, Plymouth.\*** At the request of the City of Plymouth and the project engineers, Kimley-Horn, this project is under review by the TAC. No action by the Commission is required at this time.

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

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RULE F - FLOODPLAIN ALTERATION

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RULE I - BUFFERS

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**C. 2023-012 Hope Community Development EAW, Corcoran.\*** Hope Community Church proposes phased construction of a mixed-use development spanning approximately 44.5 acres at the northwest corner of County Roads 30 and 116. The proposed plan reflects 738 housing units (primarily within multifamily buildings) and up to 110,300 square feet of commercial, retail, and medical office space. The existing and proposed cover for the site (draft EAW Table 3) is shown in Staff's memo. Soils on site are C C/D and likely will not allow for infiltration. The site plan proposes meeting Commission requirements via stormwater ponds and filtration basins. The site is fairly flat with slopes less than 10%. The project is located in the Rush Creek Sub-watershed, with no lakes, streams or county ditches in the project area. The site is not located within any floodways or floodplains. Rush Creek, located north and west of the project site, is impaired for Dissolved Oxygen, E. Coli, fish bioassessments, and benthic macroinvertebrate assessments.

Table 9 of the draft EAW summarizes the wetlands on site and two wetlands on the adjacent church development which will be impacted. Four low quality wetlands on site totaling 1.2 acres are planned to be filled and replaced with mitigation banking credits. Discharge from the remainder of the site is routed to two other wetlands on the previously developed church site.

The project will disturb 43 acres in total and add 17.3 acres of new impervious area. Increasing runoff will be from roadways, roofs, driveways, maintained lawns and landscaped areas. Stormwater ponds and filtration basins placed throughout the development are proposed for mitigating increased runoff rates and meeting water quality and filtration standards. Stormwater runoff quality and quantity will be designed to meet the requirements of the Commission and the MPCA National Pollutant Discharge and State Disposal System (NPDES/SDS). The project will eliminate two SSTS systems (one for a private residence and one for a church) by connecting to city sanitary.

The project will disturb more than one acre of land and will likely trigger Commission Rules D, E and G. The project appears to be on track with appropriate considerations to meet Commission requirements. Staff would encourage incorporating resilient and native vegetation and landscaping to reduce maintenance costs, improve habitat and reduce irrigation needs and runoff.

As an EAW, this project requires no action by the Commission at this time.

**D. 2023-013 River Valley Church, Maple Grove.\*** This project consists of the construction of a single building, bituminous parking lot, stormwater basin, and other associated site improvements on an undeveloped lot located at the southwest corner of Arbor Ridge Parkway and 101st Avenue North. The development will create 3.36 acres of impervious area, all of which is net, new impervious. The project triggers Commission Rules D and E. In their findings dated June 30, 2023, Staff recommends approval with two conditions: (1) reconciliation of the project review fees and (2); provision of a Stormwater Maintenance Agreement acceptable to the City. Motion by Trainor, second by Katzner to approve Staff's recommendations. *Motion carried unanimously.*

## **V. OLD BUSINESS.**

**2023 CIP.** Revisions to the Commission's CIP (Capital Improvement Program) have been discussed at the last few meetings. In June, the Rush Creek Stabilization-Rush Hollow project was

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approved for addition to the 2024 CIP. Also in June, TAC members expressed concern that the description for a second project, the **Downtown Rogers Pond Expansion and Reuse project**, did not address a number of issues, specifically rate and volume control and water quality “above and beyond” the Commission’s requirements, ownership and future maintenance of the facility, impacts to the wetland, and drought mitigation. Rogers’ representative provided some of the missing information to the TAC members at their meeting today. The TAC asked that Megow review the stormwater management plan and calculations to see if they meet Commission Rules. This project will be presented to the Commission as project review 2023-016 and recommended for approval at the August 2023 Commission Meeting.

## VI. NEW BUSINESS.

**A. Project Review Fees.\*** In June, Staff discussed the results of their internal review of the adequacy of the project review fees to not only recover the costs of performing the project reviews, but also the administrative and other tasks associated with the program. They determined:

1. The nonrefundable admin fee was not recovering the cost of admin time, which was more extensive than anticipated at the time of the programmatic switch from a flat fee to an actual-cost fee.

2. The nonrefundable tech fee is adequately recovering costs. While both the non-billable admin and tech costs are tracked separately, currently the Treasurer’s Report lumps the technical costs in with other engineering costs on the line item “Technical Other,” and should be shown separately.

3. More than half the project reviews incurred costs that exceeded the base fee, requiring staff to invoice applicants for additional escrow funds and causing what was sometimes a several month gap between when the review expense was incurred and when the fee was recovered. Staff recommended increasing the base review fees.

Table 1 shows the estimated and actual costs of performing project reviews and undertaking admin and technical tasks related to project reviews but not associated with a formal project review.

**Table 1. Budgeted revenues compared to actual expenses.**

Category	2021		2022		2023
	Budget	Actual	Budget	Actual	Budget
Review fees (incl conting)-revenue	\$155,758	\$181,987	\$169,720	\$188,032	\$184,000
Admin fee expense	13,750	27,806	13,100	22,703	16,000
Tech Fee expense	20,265	12,448	19,650	14,634	17,000
# reviews		56		49	

The TAC recommended adjusting both the base fees and the nonrefundable admin and tech fees to reduce some of the administrative and financial burden and better align with

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actual costs. Based on Table 1, given the historical number of project reviews reasonable revenue goals for each would be: (a) review fees: \$180,000-200,000; (b) admin fees: \$18,000-20,000; and (c) tech fees: \$16,000-18,000.

Table 2 shows the estimated fees collected from a hypothetical 50 project reviews: 50 requiring erosion control review, 45 stormwater management and 15 buffer reviews. The TAC initially supported doubling the review fees. Scenario 1 shows the impact of just doubling the fee, while Scenario 2 shows doubling the review base fee but also reducing the contingency and nonrefundable fees, which are a percentage of the total review fee.

Scenario 3 takes a slightly different approach. It doubles the review fee while eliminating the 10% contingency; charges a flat \$250 administrative fee per application plus 5% of the total review fee; and reduces the tech nonrefundable fee to 8% of the total fee. The advantage of a flat amount plus a percent of the total is that for project reviews such as a grading plan for erosion control only, even doubling the fee from \$500 to \$1,000 means a 10% multiplier would yield only a \$100 admin fee, which would not cover costs.

Table 2. Project review fee scenarios.

Scenario	Fees	Contingency	Total Eng	Admin	Tech
Current fee structure (10%/10%/15%)*	\$127,500	\$12,750	\$140,250	\$12,750	\$19,125
1-double fees (10%/10%/15%)*	255,000	25,500	280,500	25,500	38,250
2-double fees, reduce NRF (5%/8%/8%)	255,000	12,750	267,750	21,420	21,420
3-double fees, elim contingency, add flat application fee, reduce NRF (5%/8%)	255,000	0	255,000	25,250	20,400

\*10% contingency, 10% nonrefundable (NRF) admin fee, 15% nonrefundable tech fee, etc.

4. Staff believes either approach would bring the Commission closer to its desired revenue goals and, by reducing the number of project reviews requiring invoicing and chasing after additional escrow, would be more administratively cost-effective. Discussion would determine the appropriate nonrefundable fee percentages based on desired revenue goals. The project review fee schedule would be reviewed annually to determine if the fees are adequately recovering costs and adjusted as necessary on a regular basis as part of the annual budget/audit process. The TAC voted to recommend to the Commission Scenario 3 with annual review of the fee schedule and an effective date of August 1, 2023.

Motion by Katzner, second by Walraven to approve the recommendations of the TAC. *Motion carried unanimously.*

**B. TMDL 10-YEAR REVIEW UPDATE.** A few months ago, the Commission and TAC discussed undertaking a progress review of the Elm Creek Watershed TMDL. Staff's July 5, 2023, memo\* is a progress report on the development of a scope of work to undertake that review.

The TMDL was completed in phases over several years, starting with additional monitoring and data gathering in 2009-2010, analysis and development of the TMDL in 2012-2014,

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and then final completion of the TMDL document and accompanying Watershed Restoration and Protection Strategies document (WRAPS) in 2015. This TMDL covers seven nutrient-impaired lakes, and multiple impairments (dissolved oxygen, nutrient, sediment, bacteria) on Elm, Diamond, and North and South Forks Rush Creek.

The final reports were approved by the MPCA and EPA in 2016. While the final TMDL has been in place for seven years, much of the underlying data about watershed conditions goes back to 2010 and one area to 2006. Since those “baseline years” there have been numerous Best Management Practices and improvement projects implemented, and it is timely to compile that information to determine how much progress has been made toward meeting the required pollutant load reductions and whether any measurable improvement in water quality has occurred.

In previous discussions Staff has met to review how best to approach this analysis and as previously discussed has developed a multi-phase approach: 1) compile BMP and water quality data; 2) fill water quality monitoring gaps; and 3) finalize TMDL review. This will take 2-4 years to complete, depending on the amount of supplemental monitoring that is desired. The intent is to set this up as a “living analysis” that can be added to every year as more data becomes available.

Staff met recently and have developed a division of labor that seems workable. Stantec will take the lead on gathering and analyzing BMP and project data and will develop an interactive GIS application to track progress. Three Rivers Park District will take the lead on analyzing lake water quality data, and Stantec will lead analyzing stream water quality data. Staff still have some work to do to estimate the level of effort for the BMP collection. They assume some, but not all, cities have some BMP removals computed for their NPDES reporting and GIS location data. In addition, older project reviews will have to be reviewed to estimate removals and added manually to the GIS coverages. That will allow Staff to partition the load reductions by drainage area.

Staff will meet separately with the cities and county to better understand existing data so they can prepare a final Scope of Work for consideration at the August meeting. They expect that will require a supplemental contract with Three Rivers and an additional Work Order for Stantec. Vlach also suggested that, as was completed for the original TMDL, an animal count be included as part of the update.

Staff will develop a questionnaire by which to capture the existing data in the watershed.

**VII. COMMUNICATIONS.** The following communications were received:

**A. Staff Report.\*** Staff reports provide updates on the development projects currently under review by Staff. The projects listed in the table beginning on page 8 of these minutes are discussed in the July 5, 2023, report.

**B. Hennepin County Staff Report.\***

**1.** The June staff report erroneously stated the **Bottema Wetland Restoration project, Corcoran**, had secured all permits. It had secured all permit approvals from the City but still requires erosion & sediment control permit review from the Commission and Stormwater Pollution

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Prevention Plan (SWPPP) approval from the MN Pollution Control Agency (MPCA). Both are anticipated by mid-July. Two bids to restore the wetlands have been secured and the landowner is working with county staff to review bids and select a contractor. Work is expected to begin in 3-4 weeks and be completed in August. Prairie seed application was completed in June.

**2. Mattila, Corcoran.** The landowner returned the updated bid for the manure bunker. Updated cost is \$54,800 instead of the originally quoted \$36,900 over a year ago. Bunker is being moved to be closer to the barn and dry lot area for easier access. Contractor recommended that landowner install a trench drain to capture water from dry lot area before it runs into manure bunker. Staff are currently working to finalize this design.

Mattila is interested in working with NRCS and Hennepin County to implement more conservation projects such as an exclusionary fence for the pasture northwest of Rush Creek, a grazing plan, and more livestock waterers. Staff have connected him with NRCS staff to start the EQIP application process. Staff have also prepared a state and county contract amendment for the project and are circulating it for signature.

**3.** Staff performed a free soil test at **Welcome Ranch, Dayton**, in late June. Staff were able to meet the owner of the ranch and discuss the cost-share program and potential BMPs. Landowner is very interested in installing a manure bunker regardless of needed placement, and installing fencing for rotational grazing. Application for a fall round of cost-share funding will be developed and analyzed.

**4. Van Asten Bunker and Basin, Dayton.** Information necessary for design of the manure bunker and conceptual settling basin/water diversion BMP have been sent to engineering for review. Designs are expected to be completed in 4-6 weeks and available for review by staff and the landowner.

**5. Cain Exclusionary Fence, Corcoran.** Staff performed a one-year inspection on the exclusionary fence that was installed as a part of the Clean Water Fund grant for Rush Creek. The fence is in excellent condition and the landowner has done a good job of keeping it clear of brush. Owner of cattle recently pulled the herd from this property for the rest of the year, but will return them for the 2024 season.

**6. Christian Settling Basin, Dayton.** Information was submitted to Mike Candler for conceptual designs of potential interventions. Landowner was unable to bring neighbor on board for the project, so the proposed BMP will be sited on the landowner's side of the property line. Most likely BMP will be a sediment basin to catch and settle erosion coming from row crop field to the West.

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

**8. Other County Programming.**

**a. Natural Resources Opportunity Grant Applications** are due July 20,

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2023, to [ellen.sones@hennepin.us](mailto:ellen.sones@hennepin.us). (Also see IX.A., below.)

b. **Biological monitoring** involves tracking plants and animals on county properties and conservation easements and includes monitoring for butterflies and bees. Contact [nicole.itzel@hennepin.us](mailto:nicole.itzel@hennepin.us).

c. A report summarizing feedback received regarding the **Zero Waste Plan** is available at [beheardhennepin.org/zero-waste-future](https://beheardhennepin.org/zero-waste-future).

#### VIII. Education and Public Outreach.

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

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

#### IX. Grant Opportunities and Project Updates.

A. Last month the Commission authorized Staff to prepare an application\* for a **Natural Resources Opportunity Grant for the Dayton River Road Ravine Stabilization Project**. Total cost of the project is \$75,000, with the requested grant amount being \$37,500. The Commission would provide the remaining \$37,500. The application was approved by consensus.

B. The Board of Water and Soil Resources (BWSR) opened the annual solicitation for **Clean Water Fund Grants** on June 29, 2023. Grant applications are due by August 24. The program is similar to the grant solicitation in past years with a few exceptions.

This \$8.5 million is funding from the ongoing Legacy Amendment and is one of the primary funding sources for surface water improvements in Minnesota. Up to 20% of that amount may be reserved by BWSR for focus on projects that protect or improve drinking water sources.

Projects must be identified in a watershed management plan that has been state approved and locally adopted or an approved total maximum daily load study (TMDL), Watershed Restoration and Protection Strategy (WRAPS), Groundwater Restoration and Protection Strategy (GRAPS), surface water intake plan, or well head protection plan. Unlike previous years, the required match has been reduced from 25% to 10%.

These are very competitive funds, so well thought out, targeted projects with local consensus and significant cost-effective removals will complete best. The Commission does have a few projects on its CIP\* for the next few years that cities might consider for application but, again, the funds are extremely competitive, and the pool of available funds is growing smaller each year.

No projects were identified at the meeting. Cities should contact Staff by month's-end if they have projects they would like to have considered at the August meeting.

#### X. Other Business.

XI. **Adjournment.** There being no further business, the meeting was adjourned at 12:49 p.m.

# elm creek Watershed Management Commission

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Respectfully submitted,



Judie A. Anderson

Recording Secretary

JAA:tim

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Project No.	Project Name
W=wetland	
2014-015	Rogers Drive Extension, Rogers.
2015-030	Kiddiegarten Child Care Center, Maple Grove.
2016-005W	Ravinia Wetland Bank Plan, Corcoran.
2017-014	Laurel Creek, Rogers.
2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
2018-046	Graco, Rogers.
2019-021	Brenly Meadows, Rogers.
2019-026	Interstate Power Systems, Rogers.
2020-009	Stetler Barn, Medina.
2020-017	Meadow View Townhomes, Medina.
2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
2020-033	Weston Woods, Medina.
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2021-007	Birchwood 2nd Addition, Rogers
2021-016	Territorial Lofts, Rogers.
2021-020	Crew Carwash, Maple Grove.
2021-021	Territorial Triangle, Dayton.
2021-023	Maple Grove Medical Office Building (MOB).
2021-024	Riverwalk, Dayton
2021-025	Hackamore Road Reconstruction, Medina/Corcoran.
2021-027	Xcel Energy Elm Creek Substation, Maple Grove
2021-029	Tri-Care Grocery / Retail, Maple Grove
2021-031	Cook Lake Edgewater, Maple Grove
2021-034	BAPS Hindu Temple, Medina.
2021-035	Mister Car Wash, Rogers.
2021-036	D & D Service, Corcoran.
2021-037	Marsh Pointe, Medina.
2021-039	1-94 Logistics Center, Rogers.
2021-040	Napa Auto, Corcoran.
2021-041	Carlson Ridge, Plymouth.
2021-043	Northwood Community Church, Maple Grove.
2021-044	Balsam II Apartments, Dayton.
2021-047	CR 10 Box Culvert Replacement, Corcoran
2021-050	Evanswood, Maple Grove.
2021-051	Fields of Nanterre Drainage Improvements, Plymouth.
2021-052	Norbella Senior Living, Rogers.

RULE D - STORMWATER MANAGEMENT

RULE E - EROSION AND SEDIMENT CONTROL

RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION

RULE H - BRIDGE AND CULVERT CROSSINGS

RULE I - BUFFERS

\*indicates enclosure

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

## elm creek Watershed Management Commission

Regular Meeting Minutes | July 12, 2023

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2021-053	Towns at Fox Creek, Rogers.
2021-055	Morningside Estates 6th Addition, Champlin.
2022-002	Summerwell, Maple Grove.
2022-003	Fox Briar Ridge East, Maple Grove.
2022-006	Hamel Townhomes, Medina.
2022-008	Bechtold Farm, Corcoran.
2022-009	Dunkirk Lane Development, Plymouth.
2022-011	Arrowhead Drive Turn Lane Expansion, Medina.
2022-012	Graco Building 2, Dayton.
2022-013	Dayton 94 Industrial Site, Dayton.
2022-014	Aster Mill, Rogers.
2022-015	County Road 47 Phase I Reconstruction, Plymouth.
2022-016	Rogers Activity Center, Rogers.
2022-017	City Center Drive, Corcoran.
2022-018	Big Woods, Rogers.
2022-019	Grass Lake Preserve, Dayton.
2022-020	Skye Meadows Extension, Rogers.
2022-022	Cook Lake Highlands, Corcoran.
2022-023	Asguard, Rogers.
2022-024	Bridge No. 27J70, Maple Grove.
2022-025	Harvest View, Rogers.
2022-026	Archway Building, Rogers
2022-027	Edison at Maple Grove Apartments.
2022-028	Elsie Stephens Park, Dayton.
2022-029	Hayden Hills Park, Dayton.
2022-030	Garages Too, Corcoran.
2022-031	Corcoran II Substation.
2022-033	Pet Suites, Maple Grove.
2022-034	CSAH 101 Improvements, Maple Grove.
2022-035	Rush Hollow, Maple Grove.
2022-036	West French Lake Road Improvements, Maple Grove.
2022-037	CSAH13 CR203 Culvert Replacement, Dayton.
2022-038	Tavera North Side, Corcoran.
2022-039	Garland Commons, Maple Grove.
2022-040	Karinieimi Meadows, Corcoran.
2022-041	Elm Creek Swim Pond Culvert, Maple Grove.
2022-042	Walcott Glen, Corcoran.
2022-043	Meander Park and Boardwalk, Medina.
2022-044	Trail Haven Road Bridge Replacement, Corcoran.
2022-045	Corcoran Water Treatment Plant.
2022-046	CSAH12 Culvert and Guardrail Replacement, Dayton.
2022-047	Suite Living of Maple Grove.
2022-048	Hassan Elementary Pavement Renovation, Rogers.
2022-049	Connexus Energy South Dayton Substation.
2023-001	Chankahda Trail Reconstruction Phase 2, Plymouth.
2023-002	Lynde Greenhouse Fire Damage Repair, Maple Grove.
2023-003	Cemstone Supply Facility, 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

\*indicates enclosure

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

## elm creek Watershed Management Commission

Regular Meeting Minutes | July 12, 2023

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2023-004	Medina Industrial Site, Medina.
2023-005	MTL Troy Lane Addition, Dayton.
2023-006	Sota Shine, Maple Grove.
2023-007	Lakeview Knoll's Pickleball Courts, Maple Grove.
2023-008	Rush Creek Boulevard Interchange, Maple Grove.

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

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

\*indicates enclosure

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

## Elm Creek Watershed Management Commission Treasurer's Report

		2023 Budget	July 2023	Aug 2023	2023 Budget YTD
<b>EXPENSES</b>					
Administrative		100,000	10,424.50	9,549.44	74,979.70
Grant Writing		0			0.00
Website		2,000	332.12	279.75	1,202.16
Legal		2,000			465.00
Audit		6,500		6,800.00	6,800.00
Insurance		4,000			3,784.00
Miscellaneous/Contingency		0			0.00
Technical Support - HCEE		20,000			0.00
HUC-8 Floodplain Mapping		0			0.00
Technical - Project Review		184,000	8,240.00	5,524.50	47,460.75
Technical - Other		70,000	10,492.25	9,644.03	60,683.78
Project Review - Admin Support		16,000	2,055.84	1,492.68	11,332.82
Stream Monitoring USGS		24,000		5,775.00	26,625.00
Stream Monitoring TRPD		10,020			0.00
Biological Monitoring		4,500			0.00
DO Longitudinal Survey		2,400			0.00
Partnership Biomonitoring Project (Comm sha		2,000			0.00
Rain Gauge		440	34.35	35.61	221.80
Lakes Monitoring - CAMP		840			0.00
TRPD Monitoring - Sentinel Lakes/Addn'l Lake		10,412			0.00
Aquatic Vegetation Surveys		1,365			0.00
Wetland Monitoring (WHEP)		0			0.00
Education		2,000			841.62
WMWA General Activities		5,000			3,000.00
WMWA Implementation/Watershed Prep		4,500			2,000.00
Rain Garden Wkshops/Intensive BMPs/Special Proj		2,000			4,000.00
Macroinvertebrate Monitoring-River Watch		0			0.00
Studies / Project ID / SWA		0			14,750.00
CIPs General		3,000		234.12	987.92
Rush Creek SWA Implementation		106,050			0.00
Plan Amendment		2,000	486.00		580.12
Contribution to 4th Gen Plan		12,500			0.00
Transfer to (from) Capital Projects (see CIP Tr		291,638			130,872.57
Transfer to (from) Cash Sureties (see below)			-	-	0.00
Transfer to (from) Grants (see below)		125,000	-	9,789.00	98,507.00
To Fund Balance					0.00
<b>TOTAL - Month</b>			<b>32,065.06</b>	<b>49,124.13</b>	<b>486,093.49</b>
<b>TOTAL Paid in 2023, incl late 2022 Expenses</b>		<b>1,014,165.00</b>	<b>467,646.37</b>	<b>516,770.50</b>	<b>2023 Paid</b>

## Elm Creek Watershed Management Commission Treasurer's Report

		2023 Budget	July 2023	Aug 2023	2023 Budget YTD
<b>INCOME</b>					
Project Review Fee		184,000	29,133.00		62,133.00
Refund Project Fee					(9,702.75)
Nonrefundable Admin		16,000	750.00		3,750.00
Nonrefundable Technical		17,000	1,125.00		5,625.00
Water Monitoring - TRPD Co-op Agmt		6,500			0.00
Member Dues		250,000			250,000.00
Interest/Dividends Earned		750	7,414.89		45,062.47
Transfer to (from) Capital Projects (see CIP Tr		291,638	308,587.38		308,587.38
Transfer to (from) Grants (see below)		125,000	116,078.50	-	249,965.50
Rush Creek SWA Implementation		79,537			0.00
Transfer from Assigned Fund Balance		26,513			
Misc Income / Contingency		0			
From Unrestricted Cash Reserves		17,227			
<b>Total - Month</b>			<b>463,088.77</b>	<b>0.00</b>	<b>915,420.60</b>
<b>TOTAL Rec'd 2023, incl late 2022 Income</b>		<b>1,014,165.00</b>	<b>935,448.75</b>	<b>935,448.75</b>	<b>2023 Received</b>
<b>CASH SUMMARY</b>		Balance Fwd			
Checking		0.00			
4M Fund		1,399,787.64	1,867,590.02	1,818,465.89	
<b>Cash on Hand</b>			<b>1,867,590.02</b>	<b>1,818,465.89</b>	
<b>Claims Presented</b>		General Ledger Account No	July	August	TOTAL
Campbell Knutson - Legal		521000			0.00
Connexus - Rain Gauge		551100		35.61	35.61
Johnson & Company - Audit, Financial Prep		521000		6,800.00	6,800.00
U S Geological Survey - Stream Monitoring		551000		5,775.00	5,775.00
Resilience Resources					2,409.53
Technical - Project Review		578050		2,062.50	
Technical - Other		578050		347.03	
Surface Water Solutions					218.75
Technical - Project Review		578050			
Technical - Other		578050		218.75	
Stantec					22,329.25
Technical - Project Review		578050		3,462.00	
Technical - Other		578050		9,078.25	
South Fork Rush Creek SWA (23 WBIF)		584006		6,917.75	
N Fork Rush Creek Remeander Feasibility		584006		2,871.25	
JASS					11,555.99
Administration		511000		8,422.98	
TAC Support		511000		1,126.46	
Annual Reporting/Work Plan		511000			
Website		581000		279.75	
Project Review Admin Support		578100		786.18	
Project Reviews - Project Specific Admin		578100		706.50	
Education		590000			
CIPs General		563001		234.12	
<b>TOTAL CLAIMS</b>					<b>49,124.13</b>





Account Number:

481113-238425

ELM CREEK WATERSHED MGMT ORG

## Monthly Statement

### Service Address

ELM CREEK RD  
DAYTON MN

### Billing Summary

Billing Date: Jul 17, 2023

Previous Balance	\$34.35
Payments - Thank You!	\$34.35
<b>Balance Forward</b>	<b>\$0.00</b>
<b>New Charges</b>	<b>\$35.61</b>

**Total Amount Due** **\$35.61**

Payment must be received on or before August 13, 2023

Total Amount Due

\$35.61

Due Date

August 13, 2023

### Message Center

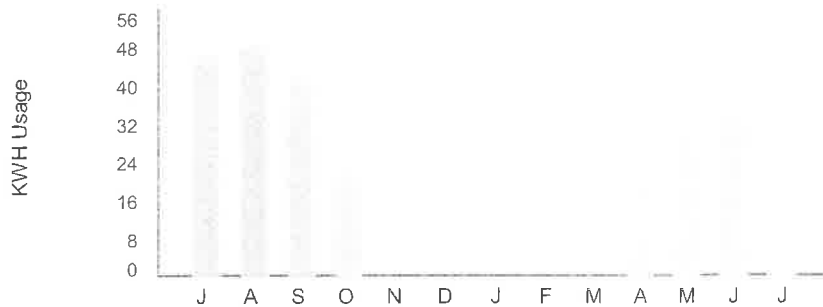
#### 2023 Rebate Reminder

Rebates maybe available for technological or other high-efficiency electricity improvements you may be considering. Don't delay, contact [businessaccounts@connexusenergy.com](mailto:businessaccounts@connexusenergy.com) to see what may be available for you. Rebate deadline is December 15, 2023.

### Energy Comparison

Previous Months' Usage

Current Month's Usage



### How to contact us

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

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

TRA3-D-006796/005946 VG2PKW S1-ET-M1-C00002 1



Account Number:

481113-238425

Total Amount Due

\$35.61

Payment Due By

August 13, 2023

006796 1 AB 0.534 002811/006796/005948 023 02 VG2PKW  
ELM CREEK WATERSHED MGMT ORG  
3235 FERNBROOK LN N  
PLYMOUTH MN 55447-5325



Connexus Energy

PO Box 1808

Minneapolis, MN 55480-1808

00003561 0004811130238425 000000 00000 000000000000 0000007

Johnson & Company, Ltd.  
3255 Fernbrook Lane North  
Minneapolis, MN 55447  
(952) 525-9500

ELM CREEK WATERSHED MANAGEMENT COMMISSION  
3235 FERNBROOK LANE N  
PLYMOUTH, MN 55447

Client # : 4274

Invoice Number : 47704

Invoice Date : Friday, June 30, 2023

For Professional Services Rendered :

Preparation of report on audited financial statements for the year ended December 31,  
2022.

6,800.00

Total Invoice Amount

\$6,800.00

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

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

Phone: 651-280-5735

Bill #: 91084927  
Customer: 6000001534  
Date: 07/12/2023  
Due Date: 09/10/2023

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

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

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

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

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

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

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
07/12/2023	Billing for the operation and maintenance of a gaging station and water-quality sampling on Elm Creek near Champlin. 22NKJFA203	1	5,775.00	1	5,775.00
Amount Due this Bill:					5,775.00

Accounting Classification:  
Sales Order: 108047  
Sales Office: GENK  
Customer: 6000001534  
Accounting #: 11356990

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

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



Invoice Date: June 14, 2023

RR Invoice #: 0009-2023-02

Client Project Reference: Elm Creek Water Management Commission

Client: Elm Creek Water Management Commission

TASK: Lakeview Knolls Park Improvements (2023-007)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
4/20/2023	1	hrs	RC	\$165	ECWMC	2023-007	Initial review for completeness	\$165.00
4/24/2023	6	hrs	RC	\$165	ECWMC	2023-007	Review, correspondence, memo	\$990.00
5/3/2023	1.2	hrs	RC	\$165	ECWMC	2023-007	Correspondence Commission presentation.	\$198.00
5/6/2023	3	hrs	RC	\$165	ECWMC	2023-007	Correspondence	\$495.00
5/10/2023	1	hrs	RC	\$165	ECWMC	2023-007	Review, correspondence	\$165.00
6/7/2023	0.3	hrs	RC	\$165	ECWMC	2023-007	Staff Memo Update	\$49.50
Task Total								\$2,062.50

TASK: Meeting Attendance

Date	Qty	Unit	Staff	Rate	Client	Project Name	Description	Amount
5/12/2023	2	hrs	RC	\$165	ECWMC		Meeting Attendance	\$330.00
5/12/2023	26	mi	RC	\$0.655	ECWMC		Meeting Attendance	\$17.03
Task Total								\$347.03

Invoice Total \$2,409.53

# INVOICE

**Surface Water Solutions LLC**  
6533 Neddersen Circle  
Brooklyn Park, MN 55445-3206  
952-456-4091  
surfacewatersolutions@outlook.com

**Stantec Project #**  
  
**Invoice Date:** July 31, 2023  
**Invoice Number:** 2023-07

Type	Date	Hours	Job	Task	Memo	Amount
ECWMC	7/12/2023	1.75	Technical Services	Meetings	July TAC Meeting	218.75

**Total** **\$ 218.75**

<b>Invoice Number</b>	2112178
<b>Invoice Date</b>	August 2, 2023
<b>Purchase Order</b>	--
<b>Customer Number</b>	167501
<b>Project Number</b>	227705635

**Bill To**

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

**Please Remit To**

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

<b>Project</b>	<b>Elm Creek WMO Services</b>			
	Project Manager	Megow, Erik Robert	Contract Upset	254,000.00
	Current Invoice Total (USD)	12,540.25	Amount Billed to Date	96,732.25
			For Period Ending	<b>July 21, 2023</b>

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

**Top Task**                      **101**                      **General Services**  
**Low Task**                      **101.2023.001**                      **Prereviews and Inquiries**

**Professional Services**

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	8.00	172.00	1,376.00
	Kaster, Anthony R (Tony)	0.75	187.00	140.25
	<b>Subtotal Professional Services</b>	<u>8.75</u>		<u>1,516.25</u>

Low Task Subtotal                      **Prereviews and Inquiries**                      1,516.25

**Low Task**                      **101.2023.003**                      **Other Services**

**Professional Services**

Category/Employee		Current Hours	Rate	Current Amount
	Kemmitt, Kathrine Lee (Katie)	1.00	142.00	142.00
	Megow, Erik Robert	16.00	172.00	2,752.00
	Kaster, Anthony R (Tony)	1.50	187.00	280.50
	Spector, Diane F	22.50	195.00	4,387.50
	<b>Subtotal Professional Services</b>	<u>41.00</u>		<u>7,562.00</u>

Low Task Subtotal                      **Other Services**                      7,562.00

Top Task Subtotal                      General Services                      9,078.25

**Top Task**                      **200**                      **2023 Project Reviews**  
**Low Task**                      **200.2023.001**                      **Chankahda Trail Reconstruction Phase 2**

**Professional Services**

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	3.50	172.00	602.00

Invoice Number	2112178
Invoice Date	August 2, 2023
Purchase Order	--
Customer Number	167501
Project Number	227705635

Kaster, Anthony R (Tony)	1.00	187.00	187.00
<b>Subtotal Professional Services</b>	<u>4.50</u>		<u>789.00</u>

Low Task Subtotal	<b>Chankahda Trail Reconstruction Phase 2</b>	789.00
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<b>Low Task</b>	<b>200.2023.004</b>	<b>Medina Industrial - Medina</b>
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Professional Services

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

Low Task Subtotal	<b>Medina Industrial - Medina</b>	344.00
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<b>Low Task</b>	<b>200.2023.008</b>	<b>Rush Creek Blvd Interchange - Maple Grove</b>
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Professional Services

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

Low Task Subtotal	<b>Rush Creek Blvd Interchange - Maple Grove</b>	172.00
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<b>Low Task</b>	<b>200.2023.010</b>	<b>Rogers New Fire Station</b>
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Professional Services

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

Low Task Subtotal	<b>Rogers New Fire Station</b>	86.00
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<b>Low Task</b>	<b>200.2023.011</b>	<b>Sundance Greens 9th Addition</b>
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Professional Services

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

Low Task Subtotal	<b>Sundance Greens 9th Addition</b>	86.00
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<b>Low Task</b>	<b>200.2023.012</b>	<b>Hope Community Mixed-Use Development EAW</b>
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Invoice Number	2112178
Invoice Date	August 2, 2023
Purchase Order	--
Customer Number	167501
Project Number	227705635

**Professional Services**

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

Low Task Subtotal	<b>Hope Community Mixed-Use Development EAW</b>	172.00
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<b>Low Task</b>	<b>200.2023.013 River Valley Church</b>
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**Professional Services**

Category/Employee		Current Hours	Rate	Current Amount
	Truong, Kaitlen Nguyen (Kaitlin)	5.50	142.00	781.00
	Megow, Erik Robert	5.00	172.00	860.00
<b>Subtotal Professional Services</b>		<u>10.50</u>		<u>1,641.00</u>

Low Task Subtotal	<b>River Valley Church</b>	1,641.00
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<b>Low Task</b>	<b>200.2023.015 SF Rush Creek Restoration</b>
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**Professional Services**

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

Low Task Subtotal	<b>SF Rush Creek Restoration</b>	172.00
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Top Task Subtotal	<b>2023 Project Reviews</b>	3,462.00
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<b>Total Fees &amp; Disbursements</b>	<u>12,540.25</u>
<b>INVOICE TOTAL (USD)</b>	<b>12,540.25</b>

**Due upon receipt or in accordance with terms of the contract**

<b>Invoice Number</b>	2112181
<b>Invoice Date</b>	August 2, 2023
<b>Purchase Order</b>	--
<b>Customer Number</b>	167501
<b>Project Number</b>	227705924

**Bill To**

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

**Please Remit To**

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

<b>Project</b>	<b>North Fork Rush Creek Remeander Feasibility</b>		
	Project Manager	Megow, Erik Robert	Contract Upset
	Current Invoice Total (USD)	760.00	Amount Billed to Date
			For Period Ending
			<b>July 21, 2023</b>

<b>Top Task</b>	<b>100</b>	<b>Remeander Project</b>			
<b>Low Task</b>	<b>100.01</b>	<b>Data Collection &amp; Review</b>			
<b>Professional Services</b>					
<b>Category/Employee</b>			<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
		Matthiesen, Edward Armin (Ed)	1.50	220.00	330.00
		<b>Subtotal Professional Services</b>	<u>1.50</u>		<u>330.00</u>

Low Task Subtotal	<b>Data Collection &amp; Review</b>	330.00
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<b>Low Task</b>	<b>100.04</b>	<b>Alternatives Evaluation</b>			
<b>Professional Services</b>					
<b>Category/Employee</b>			<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
		Megow, Erik Robert	2.50	172.00	430.00
		<b>Subtotal Professional Services</b>	<u>2.50</u>		<u>430.00</u>

Low Task Subtotal	<b>Alternatives Evaluation</b>	430.00
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Top Task Subtotal	Remeander Project	760.00
	<b>Total Fees &amp; Disbursements</b>	<u>760.00</u>
	<b>INVOICE TOTAL (USD)</b>	<b>760.00</b>

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

<b>Invoice Number</b>	2112183
<b>Invoice Date</b>	August 2, 2023
<b>Purchase Order</b>	--
<b>Customer Number</b>	167501
<b>Project Number</b>	227705925

**Bill To**

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

**Please Remit To**

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

---

**Project South Fork Rush Creek Subwatershed Assessment**

Project Manager	Megow, Erik Robert	Contract Upset	66,351.00
Current Invoice Total (USD)	4,035.75	Amount Billed to Date	8,421.00
		For Period Ending	<b>July 21, 2023</b>

---

**Top Task 100 SFRC SWA**
**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Ramsey, Ellen J	5.00	115.00	575.00
Hyams, Aaron Robert	0.50	133.00	66.50
Beneke, Thomas S (Tom)	10.50	172.00	1,806.00
Megow, Erik Robert	7.25	172.00	1,247.00
Spector, Diane F	1.75	195.00	341.25
<b>Subtotal Professional Services</b>	<u>25.00</u>		<u>4,035.75</u>

Top Task Subtotal	SFRC SWA	4,035.75
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<b>Total Fees &amp; Disbursements</b>	<u>4,035.75</u>
<b>INVOICE TOTAL (USD)</b>	<b>4,035.75</b>

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


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<b>Invoice Number</b>	2103492
<b>Invoice Date</b>	July 12, 2023
<b>Purchase Order</b>	--
<b>Customer Number</b>	167501
<b>Project Number</b>	227705925

**Bill To**

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

**Please Remit To**

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

<b>Project</b>	<b>South Fork Rush Creek Subwatershed Assessment</b>		
Project Manager	Megow, Erik Robert	Contract Upset	66,351.00
Current Invoice Total (USD)	2,882.00	Amount Billed to Date	4,385.25
		For Period Ending	<b>June 23, 2023</b>

<b>Top Task</b>	<b>100</b>	<b>SFRC SWA</b>
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**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Ramsey, Ellen J	1.50	115.00	172.50
Hyams, Aaron Robert	5.50	133.00	731.50
Beneke, Thomas S (Tom)	8.50	172.00	1,462.00
Megow, Erik Robert	3.00	172.00	516.00
<b>Subtotal Professional Services</b>	<u>18.50</u>		<u>2,882.00</u>

Top Task Subtotal	SFRC SWA	2,882.00
<b>Total Fees &amp; Disbursements</b>		<u>2,882.00</u>
<b>INVOICE TOTAL (USD)</b>		<b>2,882.00</b>

**Due upon receipt or in accordance with terms of the contract**

<b>Invoice Number</b>	2103490
<b>Invoice Date</b>	July 12, 2023
<b>Purchase Order</b>	--
<b>Customer Number</b>	167501
<b>Project Number</b>	227705924

**Bill To**

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

**Please Remit To**

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

<b>Project</b>	<b>North Fork Rush Creek Remeander Feasibility</b>		
	Project Manager	Megow, Erik Robert	Contract Upset 37,550.00
	Current Invoice Total (USD)	2,111.25	Amount Billed to Date 2,111.25
			For Period Ending <b>June 23, 2023</b>

<b>Top Task</b>	<b>100</b>	<b>Remeander Project</b>
<b>Low Task</b>	<b>100.01</b>	<b>Data Collection &amp; Review</b>

**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Hyams, Aaron Robert	2.25	133.00	299.25
Megow, Erik Robert	6.00	172.00	1,032.00
Spector, Diane F	4.00	195.00	780.00
<b>Subtotal Professional Services</b>	<u>12.25</u>		<u>2,111.25</u>

Low Task Subtotal	<b>Data Collection &amp; Review</b>	2,111.25
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Top Task Subtotal	Remeander Project	2,111.25
-------------------	-------------------	----------

<b>Total Fees &amp; Disbursements</b>	<u>2,111.25</u>
<b>INVOICE TOTAL (USD)</b>	<b>2,111.25</b>

**Due upon receipt or in accordance with terms of the contract**



3235 Fernbrook Lane  
Plymouth MN 55447

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

Aug 2 2023

Total by  
Project Area

Administrative		70.00	0.00	
Administrative	48.850	75.00	3,663.75	
Admin - offsite	2.170	80.00	173.60	
Handbook		75.00	0.00	
Office Support	20.00	200.00	4,000.00	
Storage Unit - .47	1.00	183.77	183.77	
Data Processing/File Mgmt		70.00	0.00	
Drop Box Subscription		120.00	0.00	
Archiving		70.00	0.00	
Reimbursables	401.86	1.00	401.86	8,422.980
Administrative - TAC support		70.00	0.00	
Administrative - TAC Support	12.04	75.00	903.00	
Admin - TAC support	2.15	80.00	172.00	
TAC support - reimbursables	51.46	1.00	51.46	1,126.460
Website		70.00	0.00	
Website	3.33	75.00	249.75	
Web Domain, hosting		1.00	0.00	
Website - Zoom	30.00	1.00	30.00	279.750
Project Reviews - Secre		70.00	0.00	
Project Reviews - Admin	9.91	75.00	743.25	
Project Reviews - Admin Project Specific	9.42	75.00	706.50	706.50
Project Reviews - Admin offsite		80.00	0.00	
Project Reviews - Admin - File Mgmt		75.00	0.00	
Project Reviews - reimbursables	42.93	1.00	42.93	786.180
CIPs -General		70.00	0.00	
CIPs - Administrative	3.12	75.00	234.00	
CIPs- Offsite Admin		80.00	0.00	
CIPs - reimbursables	0.12	1.00	0.12	234.120
				11,555.990

# elm creek Watershed Management Commission

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

## Sundance Greens 9<sup>th</sup> Addition Dayton, Project #2023-011

### Project Overview:

**Location:** The site is located within the broader Sundance Greens development north of Rush Creek parkway and west of Fernbrook Lane North and west/ south of east/west portion of where 113<sup>th</sup> Avenue N tees into 110<sup>th</sup> Avenue North.

**Purpose:** The applicant is proposing to add 31 single family homes and a community pool to the existing development. Stormwater requirements were permitted previously, so only erosion control was considered for this review.

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

**Applicant:** Sundance Development, LLC – Tom Dehn

**Attention:** Robert Machacek

**Address:** 6781 Highway 10  
Ramsey, MN 55303

**Phone:** 612-328-2215

**Email:** [tom.dehn@powerlodge.com](mailto:tom.dehn@powerlodge.com)

**Agent:** Champion Engineering Services, Inc

**Attention:** Marty Campion

**Address:** PO Box 41486  
Plymouth, MN 55441

**Phone:** 763-486-3799

**Email:** [mcampion@championeng.com](mailto:mcampion@championeng.com)

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	6/08/2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	5/30/2023
	<input checked="" type="checkbox"/> City authorization: Corcoran, MN	5/23/2023
	<input checked="" type="checkbox"/> Review fee: \$675*	5/16/2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	6/08/2023

### Submittals

1. Stormwater Report dated 6/08/2023 by Civil Site Group with narrative, summaries, HydroCAD modeling output for existing and proposed conditions and P8 model results (327 pages).
2. Plans for Cook Lake Highlands with Stormwater Pollution Prevention Plan and wetland impact plan by Civil Site Group dated 5/1/2023.



3. Staff also reviewed also Sundance Greens 6<sup>th</sup> Addition plans previously permitted to compare minor stormwater edits for consistency with previous permit (dated 5/6/2021).

## Findings

### General

1. This is the 10.6-acre, 9<sup>th</sup> addition to a 220-acre low to mid density residential development. The project results in 2.98 acres of new impervious area to the Sundance Green's 9<sup>th</sup> addition. This addition is comprised of platted homes, associated road, curb and gutter, and a community pool. The overall development, Sundance Green's, stormwater management plan was approved in the Sundance Green 6<sup>th</sup> Addition (2020-029). Grading permits were issued for prior developments, Additions 2-8.
2. A complete application was received June 8, 2023. The initial 60-day decision period per MN Statute 15.99 expires August 7, 2023.
3. The existing 10.6 acres is primarily a golf course being converted to single family homes and a public pool with associated roadways and impervious.
4. The project will disturb 10.6 acres in Dayton and add 2.98 acres of impervious. Stormwater, abstraction and rate control have been previously permitted.
5. Limited modifications to the Stormwater Plan were provided and reviewed for this project. These modifications are not materially different from the previously approved development and meet Commission Requirements.

### Rule E – Erosion Control

1. The applicant proposes perimeter control, double silt fence around wetlands and existing stormwater facilities, inlet protection at catch basins, and a rock construction entrance.
2. Sheet 6 of 5 shows erosion control blankets are required for all disturbed slopes steeper than 3:1.

### Recommendation

Motion: For the Commission meeting, staff approval of project #2023-011 was granted once the following condition(s) are met:

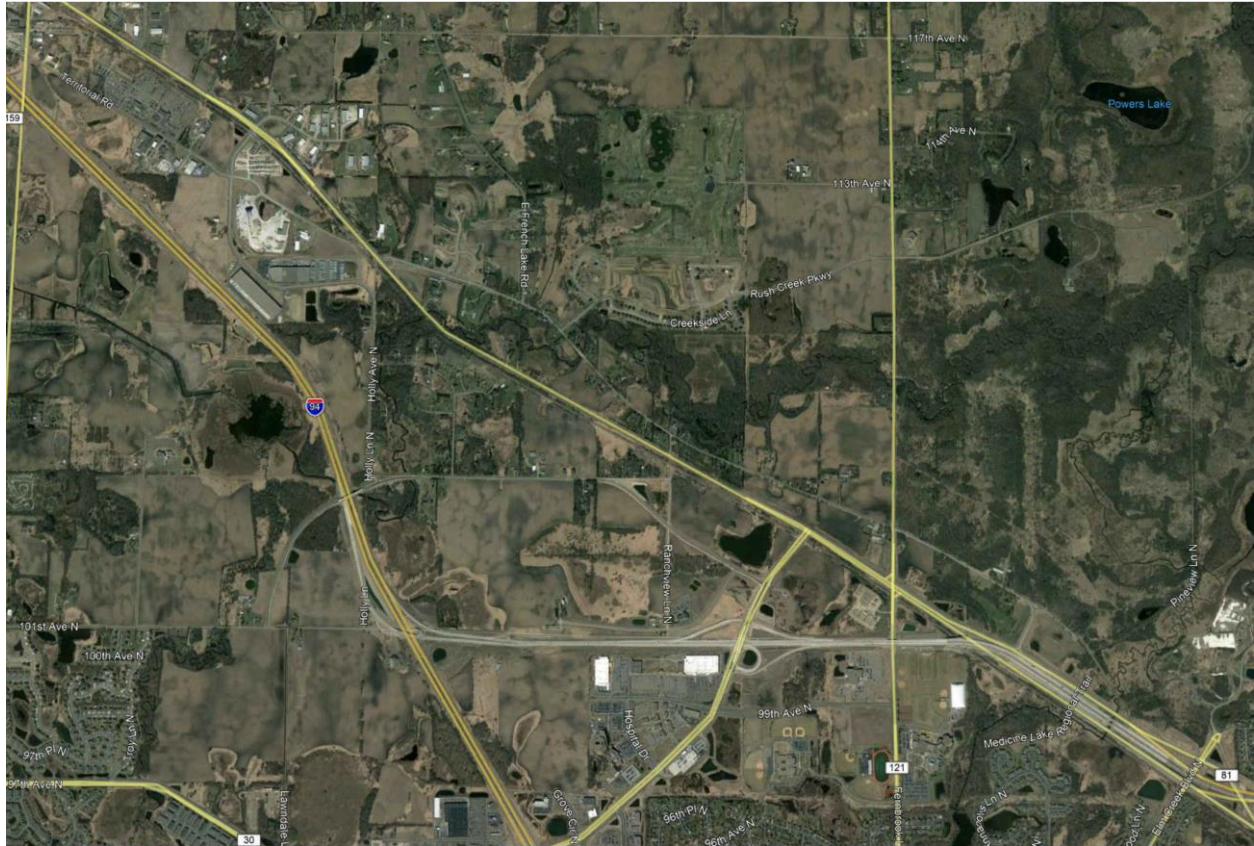
1. *[Standard Condition]* Approval is contingent upon payment of all review fees. Additional payment may be required is the review cost exceeds escrow payment(s) submitted by the applicant.
2. *The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded.*

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

7/3/2023, Updated 8/1/2023  
Date

## **Attachments**

- Figure 1      Site Location Map
- Figure 2      Aerial Imagery
- Figure 3      Context Map



**Figure 1      Site Location Map**



Figure 2 Context Location





**Figure 3** Aerial Imagery

# elm creek Watershed Management Commission

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

## Bottema Wetlands Restoration Corcoran, Project #2023-014

### Project Overview:

**Location:** This project restores previously drained agricultural lands to wetlands. Ten wetlands in total will be restored during this project, with uplands seeded into prairie. The project is north of CR 30 and west of Cain Road in Corcoran. The North Fork of Rush Creek flows east through the northeastern portion of the 120-acre parcel.

**Purpose:** The applicant is proposing to restore 10 previously drained wetlands on agricultural land. Construction includes grading/ disturbance on 3 acres of land and erosion control for the 120-acre parcel. There is no current or proposed impervious for this project.

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

<b>Applicant:</b>	Jon Bottema	<b>Attention:</b>	Jon Bottema
<b>Address:</b>	10500 Trail Haven Road Corcoran, MN 55374	<b>Phone:</b>	--
		<b>Email:</b>	<a href="mailto:Bott12@rocketmail.com">Bott12@rocketmail.com</a>

<b>Agent:</b>	Hennepin County	<b>Attention:</b>	<a href="#">Kristopher Guentzel</a>
<b>Address:</b>	701 4th Avenue South Minneapolis, MN 55415	<b>Phone:</b>	612-596-1171
		<b>Email:</b>	<a href="mailto:Kristopher.guentzel@hennepin.us">Kristopher.guentzel@hennepin.us</a>

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	6/29/2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	6/29/2023
	<input checked="" type="checkbox"/> City authorization: Corcoran, MN	6/22/2023
	<input checked="" type="checkbox"/> Review fee: \$675	6/29/2023

### *Submittals*

1. Civil -Architectural Drawings, dated 2/24/2023 by Houston Engineering.
2. Wetland Conservation Act Notice of Decision dated 5/18/2023 finding no-loss.
3. HydroCAD hydrology and hydraulics model for the proposed condition dated 5/2/2023.

## **Findings**

### **General**

1. A complete application was received June 29, 2023. The initial 60-day decision period per MN Statute 15.99 expires August 28,2023.
2. Restoration for drained wetlands on the 120-acre parcel is proposed for 11 wetlands. This is proposed through tile breakage, creation of berms, and shallow scrapes to restore and retain hydrology. The proposed activity falls under a no-loss as no wetlands will be impacted. The proposed project does not result in conversion of wetland to non-wetland, or excavation of a Type 3, 4, or 5 wetland. Additionally, the project falls under the Wildlife Habitat Exemption.
3. The project will disturb 3 acres, with no existing or proposed impervious.
4. Existing flow is to the north and east to the North Fork of Rush Creek. The proposed flow is the same, though routed through restored wetlands and will likely be lower than existing conditions.
5. Restoration of agricultural land to prairie and restored wetland will likely result in a nutrient and sediment load reduction and an overall improvement of water quality and habitat.
6. The HydroCAD model shows discharge from Wetland 6 of 30 cfs during the 10-year condition, and 60 cfs during the 100 year. While the jurisdiction of the Commission relates only to erosion control during land disturbing activities, staff noticed some potential issues with these channels and the high velocities relative to channel sizing and proposed channel stabilization. Plan set sheet 5 calls out a 2' channel, plan set sheet 12 calls out a 3-4 foot channel for the outlet of Wetland 6. The bulk of the flow discharges from an 8" new proposed tile to the channel with a class 3 rip rap stilling basin at the outlet. The velocities from an 8" pipe would exceed the stabilization for the rip rap specified and would likely require a much larger stilling basin than proposed. The channel velocities are also on the high side for the channel design and proposed stabilization (a quick hydroCAD model of the reach shows 100-year flows in a 4' channel at close to 6 ft/ sec). In these cases, best practices might include a larger stilling basin with larger rip rap at the tile outlet and some combination of a larger channel dimensions and rocked check dams to control channel grade (there is a 4' drop in the proposed 434' long channel).
7. The city has noted, and the Commission staff concur, Wetlands 7 and 9 require written permission from adjacent landowners due to the possibility of inundation. Staff also determined wetlands 5 and 6 also encroach on adjacent parcels and wetlands 14 and 17 might cause erosion on other parcels if discharges are channelized. Existing peak elevations were not provided to evaluate the change in elevations but the 100-year elevations along with the contour which crosses the parcel boundary are listed below:
  - a. Wetland 5 100-year elevation is 938.32 and the 938 contour crosses the parcel boundary.
  - b. Wetland 6 100-year elevation is 942.36 and the 942 contour crosses the parcel boundary.

- c. Wetland 7 100-year elevation is 939.59 and the 940 contour crosses the parcel boundary the saddle/ low spot for the crossing is not marked, this may or may not encroach on the parcel adjacent.
- d. Wetland 9 100-year elevation is 936.05 and the 934 contour crosses the parcel boundary. Wetlands 14 and 17 drain to the south and east respectively in the existing conditions, the applicant proposes installing embankments with emergency overflows to direct flow in the 100-year event to adjacent parcels.

#### **Rule E – Erosion Control**

1. The applicant proposes silt fence and biologists on localized land disturbing activities.
2. Erosion control blanket with seeding is provided for outlet embankments.
3. Dredged material will be spread along adjacent uplands and seeded.
4. Permanent erosion control is proposed for outlets of proposed outlets.
5. The project meets Commission requirements for erosion control.

#### **Recommendation**

*Motion: Staff recommends conditional approval of project #2023-014 with the following condition(s):*

1. *[Standard Condition] Approval is contingent upon payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant.*
2. *Provide signed agreement from adjacent landowners as required by the City.*

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

7/21/2023  
Date

## **Attachments**

- Figure 1 Site Location Map  
Figure 2 Aerial Imagery, Topography and Floodway/ 100-Year Floodplain  
Figure 3 Proposed Project

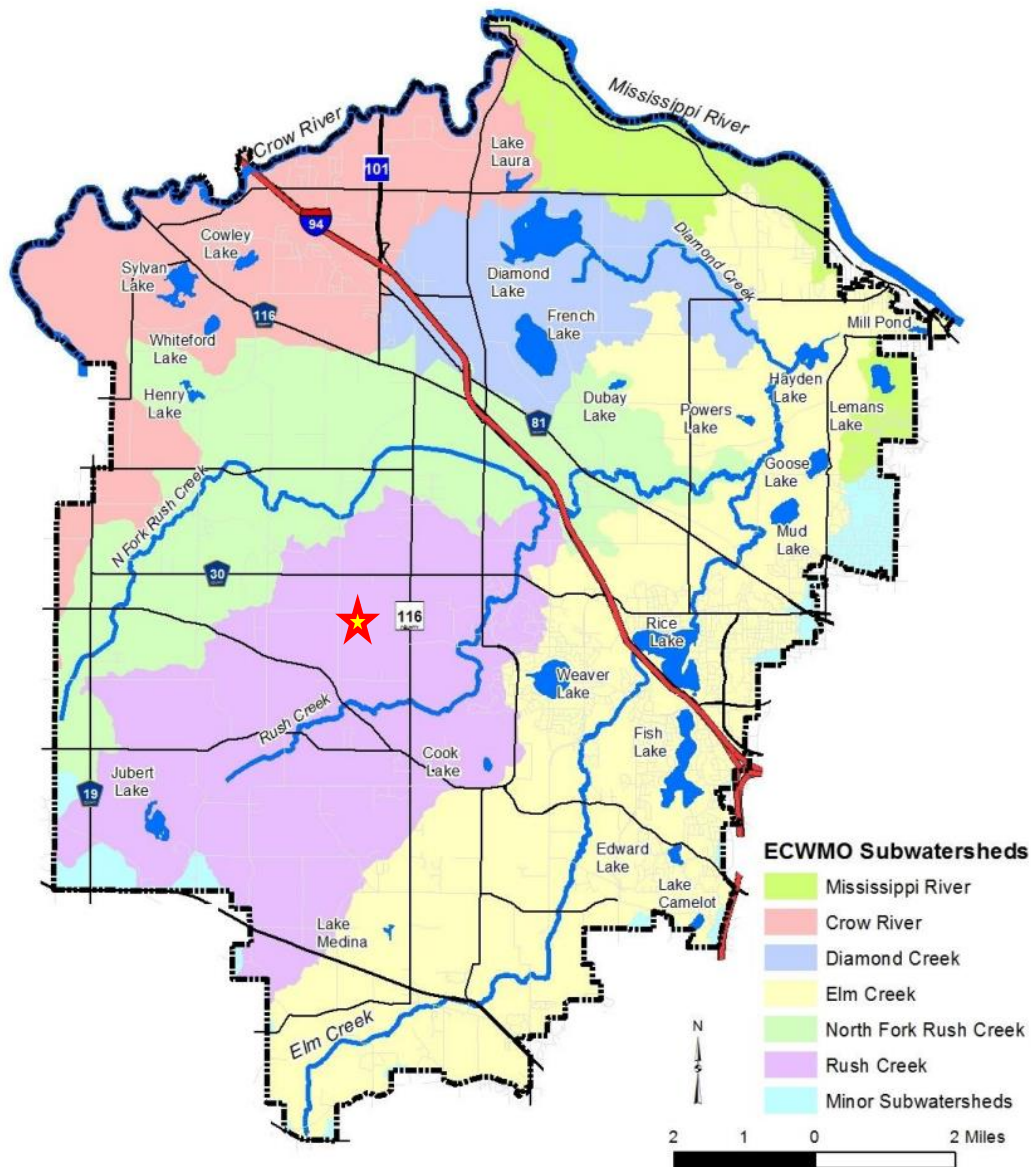
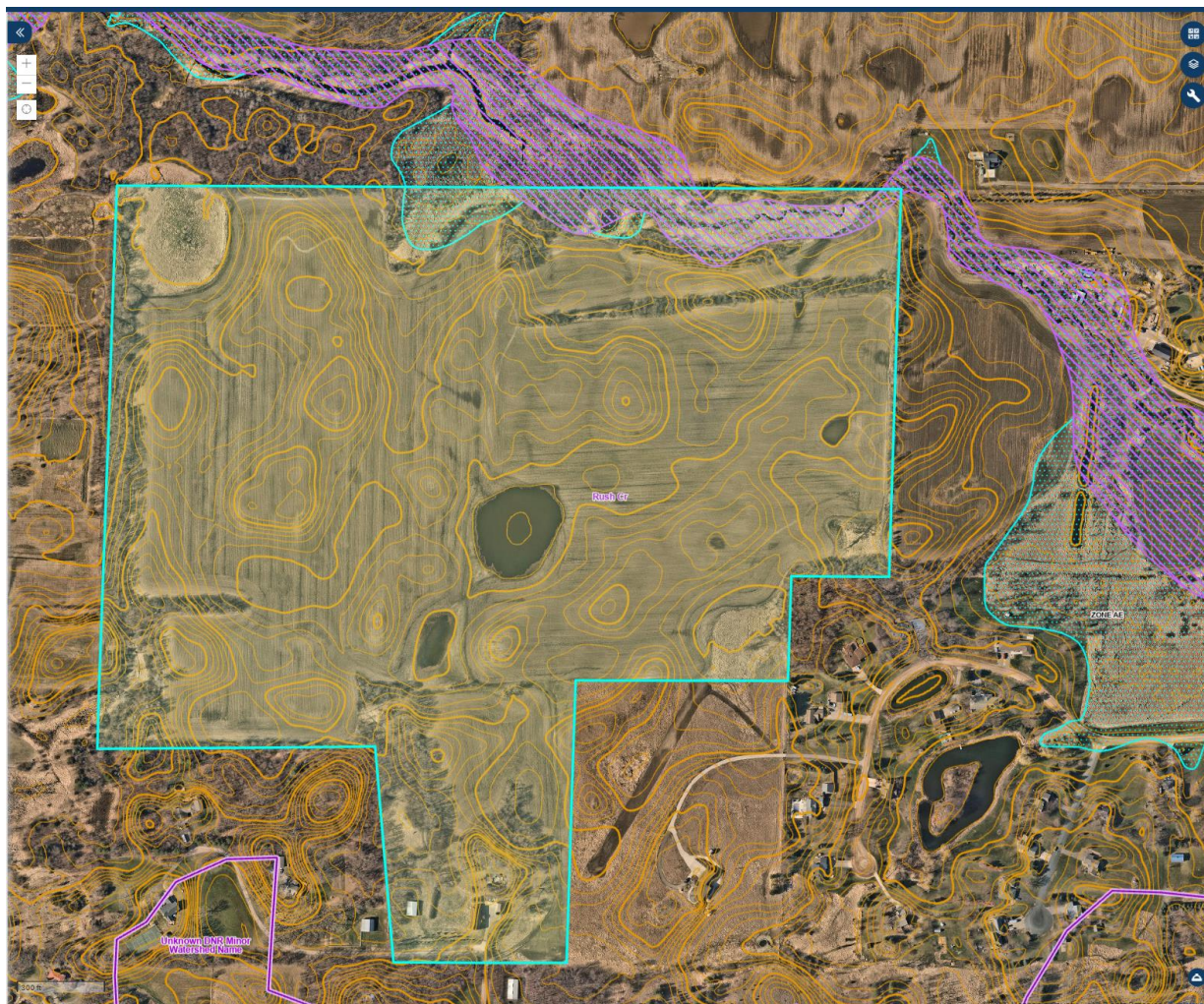


Figure 1. Site Location Map





*Figure 2. Aerial Imagery, Topography and Floodway/ 100-Year Floodplain*



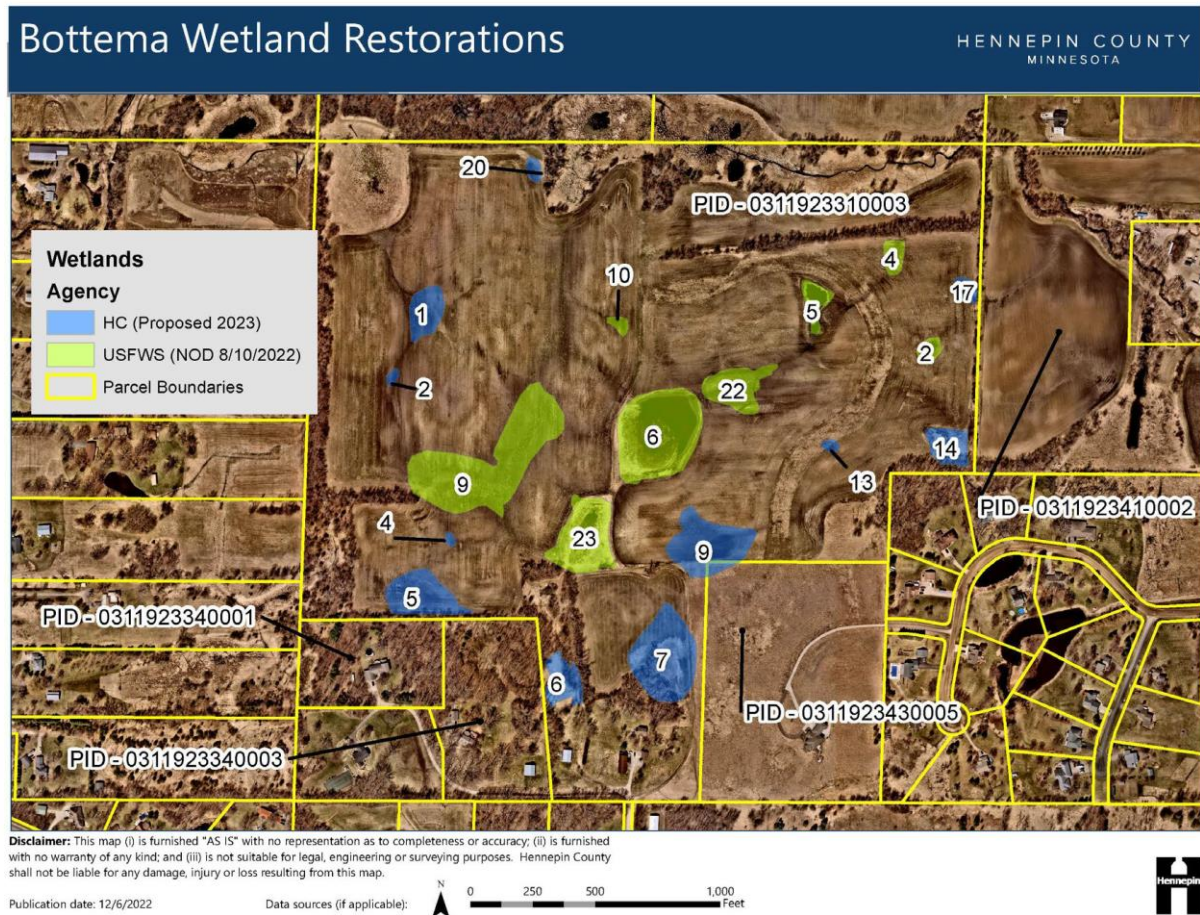


Figure 3. Proposed Project Restoration Locations (Blue) Shown with Previously Restored Wetlands on Site (Green)

# elm creek Watershed Management Commission

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[www.elmcreekwatershed.org](http://www.elmcreekwatershed.org)

## South Fork Rush Creek Restoration at Evanswood

### Maple Grove, Project #2023-015

#### Project Overview:

**Location:** The Project is located on the South Fork of Rush Creek 100 feet downstream of 101<sup>st</sup> Avenue North Bridge, it extends along the creek for 5,500 lineal feet.

**Purpose:** The Project is 5,500 feet of comprehensive stream restoration starting about 100 feet downstream of the 101st Avenue North bridge crossing including construction of a pedestrian bridge.

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

<b>Applicant:</b>	City of Maple Grove	<b>Attention:</b>	Derek Asche
<b>Address:</b>	12800 Arbor Lakes Parkway N Maple Grove, MN 55369-7063	<b>Phone:</b>	763-494-6354
		<b>Email:</b>	<a href="mailto:dasche@maplegrovern.gov">dasche@maplegrovern.gov</a>

<b>Agent:</b>	Stantec	<b>Attention:</b>	Rob Monk
<b>Address:</b>	733 Marquette Avenue, Suite 1000 Minneapolis, MN 55402	<b>Phone:</b>	612-712-2095
		<b>Email:</b>	<a href="mailto:rob.monk@stantec.com">rob.monk@stantec.com</a>

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	7/12/2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	6/29/2023
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	6/29/2023
	<input checked="" type="checkbox"/> Review fee: \$3,375	7/7/2023

Submittals

1. Technical memo dated June 28, 2023 by Stantec.
2. Feasibility study by Stantec dated December 29, 2021
3. Drawings and plan set dated May 31, 2023.
4. HEC RAS models and technical documentation dated June 28, 2023.

## **Findings**

### **General**

1. A complete application was received July 12, 2023. The initial 60-day decision period per MN Statute 15.99 expires September 10, 2023.
2. The project will disturb 14.7 acres and does not propose adding impervious outside a 57 lineal foot pedestrian bridge and connected pathways. This is a linear project with this new impervious area <1 acre it does not trigger stormwater requirements, though the project will likely benefit water quality and habitat.
3. Project work will occur within the floodplain, floodway, and channel below the ordinary high-water level (OHWL).
4. The Federal Emergency Management Administration (FEMA) effective Flood Insurance Rate Map (FIRM) panel number 27053C0044F (dated January 31, 2020) classifies the Project area as Zone AE with a regulatory floodway. The Project area effective data was updated in 2020 as a result of a Letter of Map Revision submitted by the City of Maple Grove (Case No.: 18-05-4086P).
5. Existing, interim and proposed flow rates and flood stages for the crossing are calculated using HEC RAS.

### **Rule E – Erosion Control**

1. The temporary and proposed final conditions meet the Commission requirements for erosion control.
2. The applicant clearly defines limit of disturbance, construction sequencing and areas of concentrated flow to reduce erosion. Other individual erosion control measures include thoughtfully located staging, storage and temporary roadway access areas; machine sliced silt fence, rock construction entrances, mats at concentrated flow paths, floating silt curtains downstream of temporary creek crossings and at the end of the restoration section.
3. Applicant lists soil stabilization methods consistent with Commission requirements.

### **Rule F – Floodplain Alteration**

1. The applicant's compensatory storage provided meets the Commission requirements, there is no net reduction in storage below the 1% (100 year) critical flood event.
2. The proposed floodplain fill volume is 12,398 CY with a proposed cut of 7,236 CY, the proposed with the design engineer certifying there are 5,162 CY greater cut than fill, thus providing additional flood storage and not reducing flood storage capacity.

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

The Commission requirements are listed below in *italics* with the applicant's treatment of each following in the final and interim condition.

1. *Retain adequate hydraulic capacity to pass the 100-year flow and maintain the 100-year flow profile, if available.* Applicants modeling shows the proposed pedestrian bridge will pass the 100-year event flows with 1.76 feet of freeboard over the 912.72 100-year elevation to the low chord and without trail overtopping. The bridge will increase the 100-year water surface elevation by 0.04 feet directly upstream of the structure, with that increase returning to 0.00 feet well within the project limits. The proposed final cross section retains adequate hydraulic capacity to pass the 100-year flow.
2. *Mimic the existing base flow (1-year, 2-year) conditions.* The bridge will mimic the existing base flow (1-year, 2-year) conditions as the structure will not encroach upon the channel bankfull width.

Event	Flow (cfs)	Cross Section	Elevation (ft)		$\Delta$ (ft)
			Existing	Proposed	
1-year	142	186.3 (US)	910.21	910.31	+0.10
1-year	142	@ Bridge	910.21	910.20	-0.01
1-year	142	186.27 (DS)	910.21	910.20	-0.01
2-year	206	186.3 (US)	910.33	910.42	+0.09
2-year	206	@ Bridge	910.32	910.30	-0.02
2-year	206	186.27 (DS)	910.31	910.30	-0.01

3. *Not adversely affect water quality.* Erosion control during installation, coupled with final stabilization and design of the restored section should improve habitat and not adversely affect water quality.
4. *Represent the "minimal impact" solution to a specific need with respect to all reasonable alternatives.* The applicant is proposing a minimal impact bridge by using a longer span of bridge than typical. Shorter spans encroach more on floodplain.
5. *Allow for future erosion, scour, and sedimentation maintenance considerations.* Class 3 Rip Rap is proposed at each abutment, relative to the mean velocities modeled of 2.6 ft/ sec, class 3 is appropriate.
6. *If the project proposes changing the FEMA FIS profile, a FEMA map revision must be obtained.* The project does not propose a rise in the 100 year elevation. There is a decrease greater than 0.07 feet, a no-fee LOMR based on Project as-built drawings will need to be submitted to FEMA within six (6) months of project completion. Per MnDNR input, the floodway boundary and BFE decrease LOMR submittals can be combined and submitted to FEMA at the same time.
7. *If the project requires a DNR Work in Public Waters permit, the conditions of that permit must be satisfied.* The applicant is in the process of obtaining a public waters permit for the initial project which entails the river restoration, and then a separate permit for work in public waters for the bridge installation, obtaining permit will be a stipulation of the permit requirement for the Commission as well.

## **Recommendation**

*Motion: Staff recommends conditional approval of project #2023-015 with the following condition(s):*

1. *[Standard Condition] Approval is contingent upon payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant.*

2. *The applicant must meet all DNR Requirements and secure appropriate permits as a condition of this permit.*
3. *The applicant must submit the no-fee LOMR based on project as-builts within six months of project completion.*

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

8/2/2023  
Date



### **Attachments**

- Figure 1 Site Location Map
- Figure 2 Aerial Imagery
- Figure 3 Floodway
- Figure 4 Existing Alignment
- Figure 5 Proposed Condition

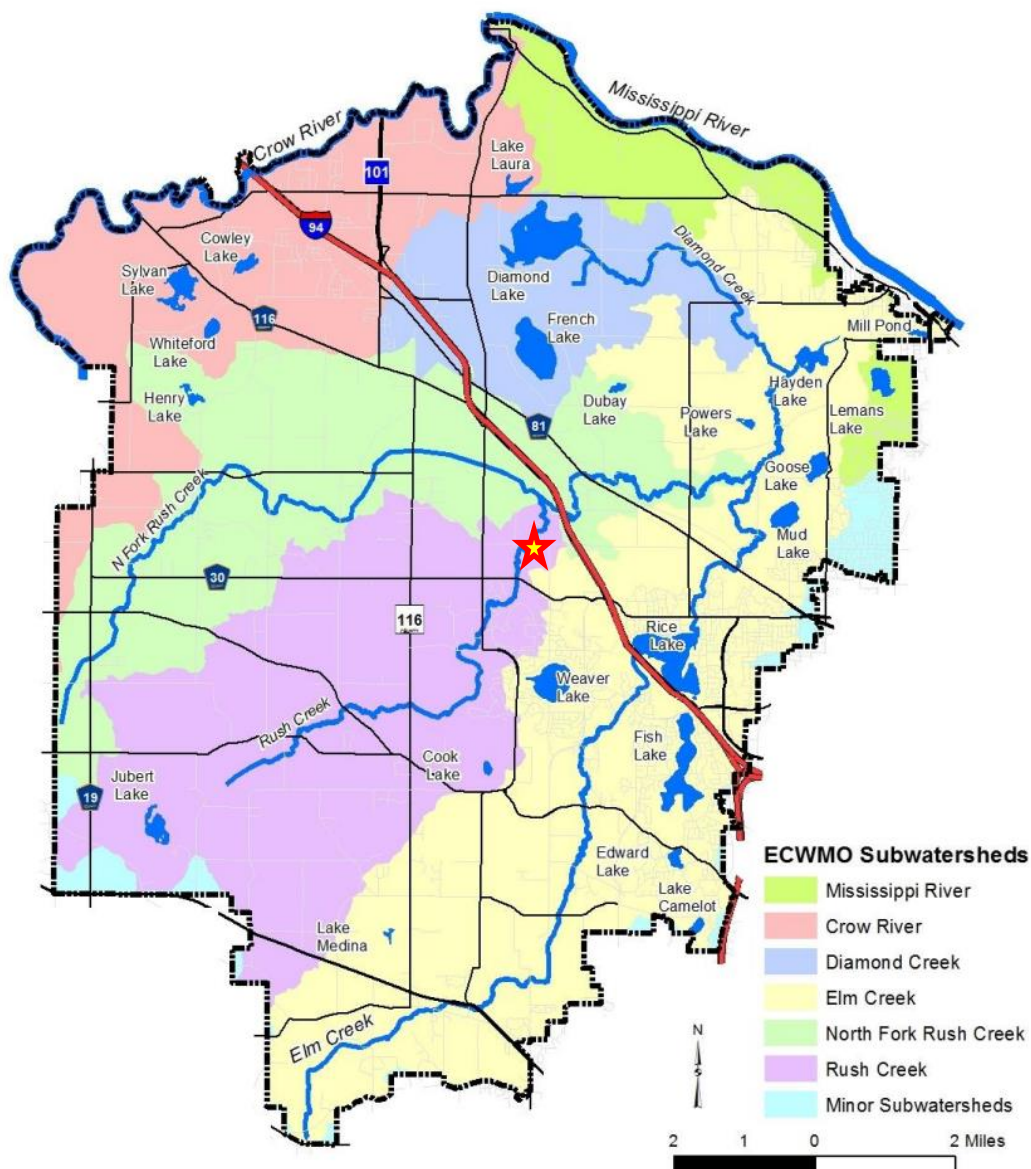


Figure 1. Site Location Map

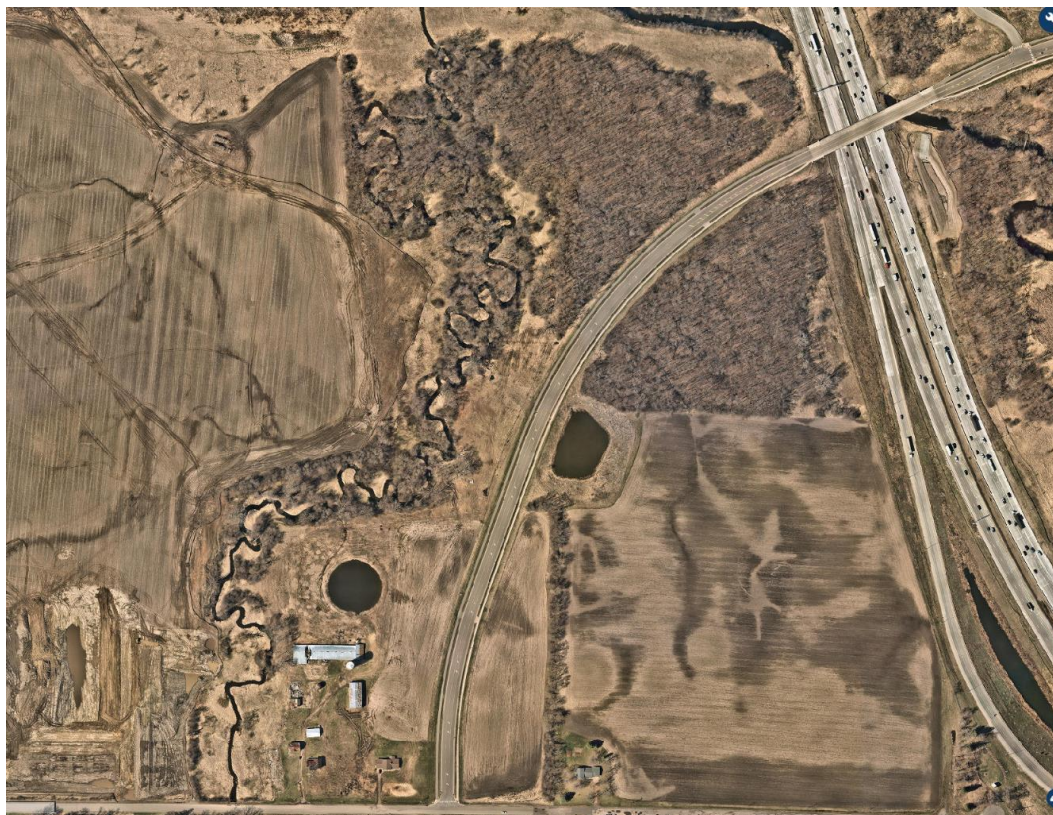


Figure 2. Aerial Imagery





Figure 3. Floodway, 100 Year



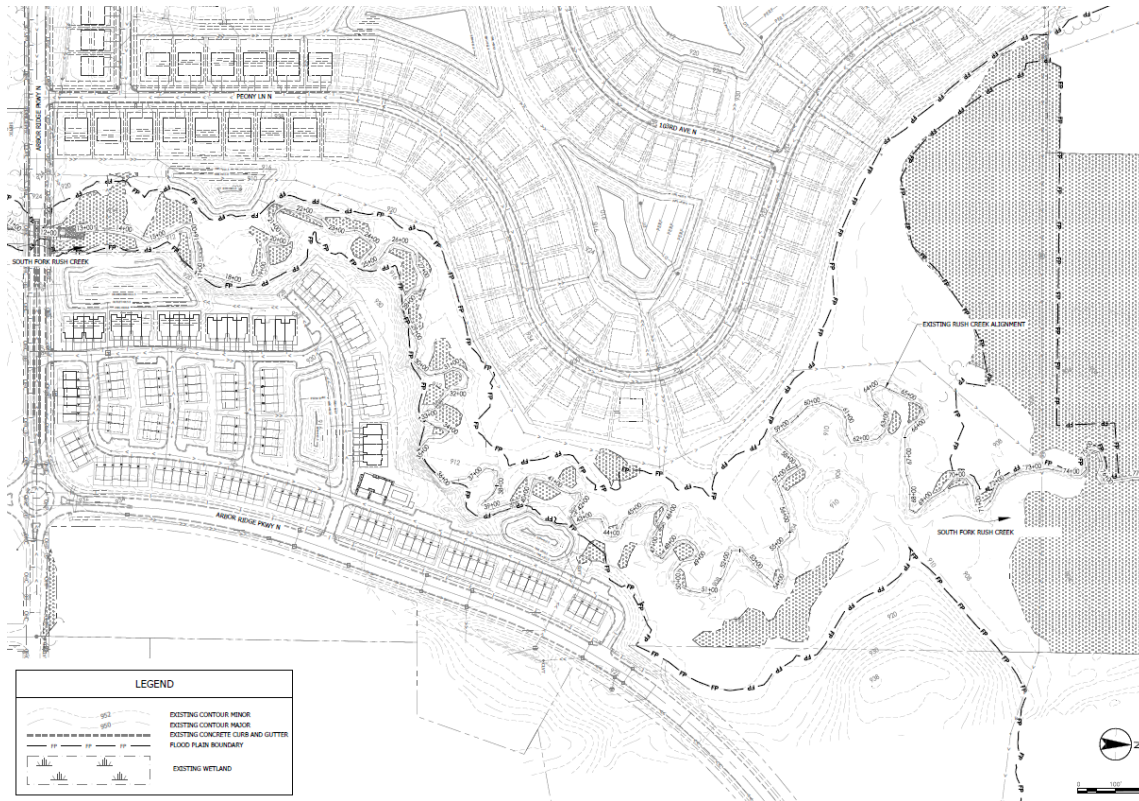


Figure 4. Existing Alignment

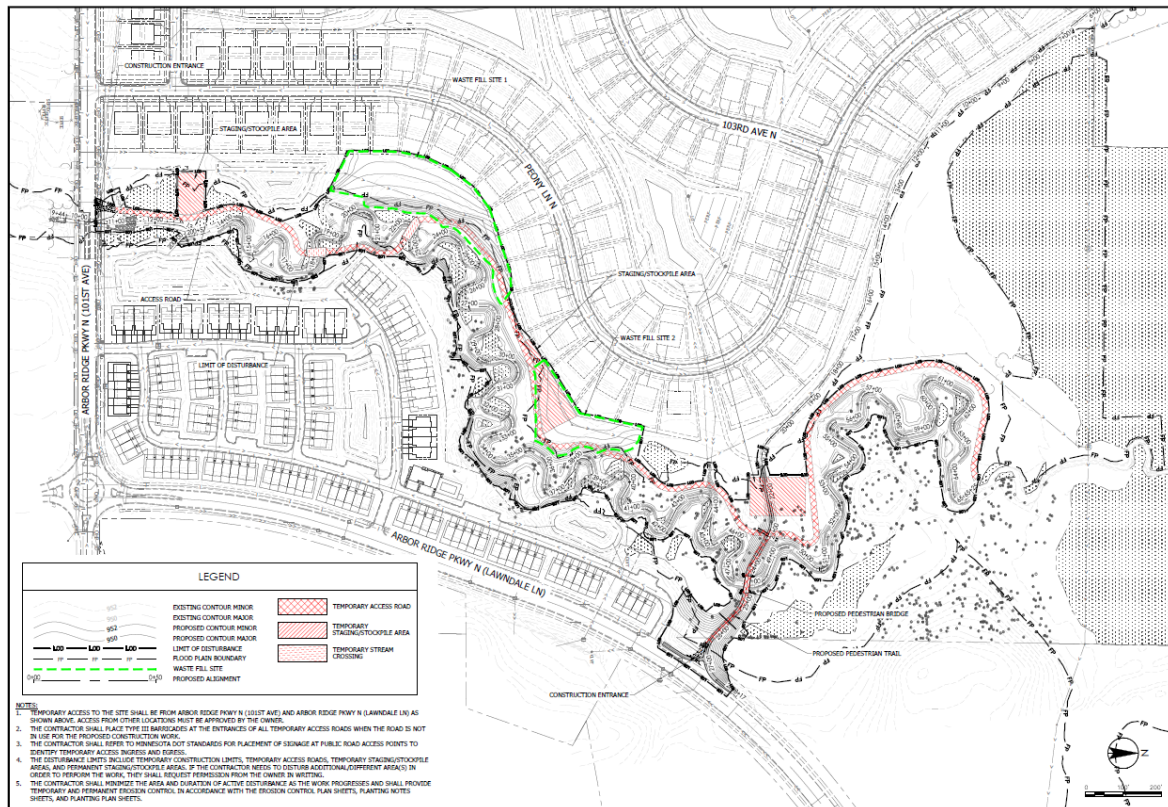


Figure 5. Proposed Conditions

# elm creek Watershed Management Commission

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

## Rogers South Community Park Site Improvements Rogers Project #2023-016

### Project Overview:

**Location:** Three parcels northwest of the Territorial Road and Main Street intersection, adjacent to the Rogers Elementary School (School District No. 728).

**Purpose:** Disturbing approximately 14.1 acres over three parcels totaling 34.3 acres to construct park improvements and a re-use irrigation system. Impervious surface within the disturbed area will increase from 0.24 acres to 3.36 acres.

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

**Applicant:** City of Rogers

**Address:** 22350 S. Diamond Lake Rd.

**Attention:** Andrew Simmons

**Phone:** (763) 494-6364

**Email:** asimmons@rogersmn.gov

**Agent:** Design Tree

**Address:** 120 17<sup>th</sup> Ave. W  
Alexandria, MN 56308

**Attention:** Michael Gerber

**Phone:** (320) 227-0203

**Email:** mjg@dte-ls.com.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	July 24, 2023
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	July 24, 2023
	<input checked="" type="checkbox"/> City authorization: Rogers, MN	July 24, 2023
	<input checked="" type="checkbox"/> Review fee: \$3,375	July 24, 2023
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	July 24, 2023

### Submittals

- Stormwater Management Study, dated June 26, 2023, prepared by Design Tree Eng. & LS
  - Stormwater Narrative
  - Existing and Proposed Drainage Maps
  - Existing and Proposed HydroCAD Models
  - Geotechnical Evaluation Report, dated June 10, 2021 prepared by American Engineering Testing, Inc.
- Construction Drawings, dated 6/27/23, prepared by Design Tree Eng. & LS

## Findings

### General

1. A complete application was received July 24, 2023. The initial 60-day decision period per MN Statute 15.99 expires September 22, 2023.
2. The existing 34.3-acre site currently contains some open fields and a hayed field that has historically row crop.
1. The site will be reconstructed to include four new youth baseball fields and two hockey rinks which will also act as pickleball courts.
2. The redevelopment will create 3.12-acres of net, new impervious.
3. Stormwater management will be provided by bioswales, two dry ponds, and an existing stormwater pond. To meet volume and water quality control, the project will use the existing stormwater pond for irrigation via re-use.
4. Soil borings indicate that in-situ soils are HSG C/D with low infiltration rates throughout the site. Infiltration is not feasible.
5. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings within the site.

### Rule D – Stormwater Management

#### General

1. The disturbed area is approximately 34.3-acres. The project will result in 3.12-acres of net, new impervious area.
2. Soil boring logs indicate that in-situ soils are HSG C/D with low infiltration rates throughout the site. Infiltration is not feasible.
6. Stormwater will be managed by bioswales, two dry ponds, and an existing stormwater pond. To meet volume and water quality control, the project will use the existing stormwater pond for irrigation via re-use.
  - a. The re-use system will utilize the volume within the existing stormwater pond between the 985-988 elevations.
  - b. The pond has 2.81 ac-ft of available irrigation storage between the 985 and 988 elevations.
  - c. The system will irrigate approximately 17.0 acres of greenspace at a rate of 1"/week resulting in 1.41 ac-ft of irrigation.
  - d. The pond will use a supplemental well and pump to recharge the system when it gets below the 985.1 elevation.
  - e. The pond will always have at least 5 feet of a permanent pool between its bottom elevation of 980 and 985.
3. The discharge locations of the site are to the east (Main Street), to the North (Existing stormsewer), and to the Southeast (Existing Stormwater Pond). All discharges ultimately flow to Fox Creek and ultimately to the Crow River.

## Rate Controls

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

**Table 1 Rate of Discharge from the Disturbed Area**

Location	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
<b>East</b> <i>(Main Street)</i>	Pre-Project	11.0	20.1	39.5
	Proposed	6.1	11.4	22.5
	<b>Change</b>	<b>-4.9</b>	<b>-8.7</b>	<b>-17.0</b>
<b>North</b> <i>(City SS)</i>	Pre-Project	16.4	29.7	57.6
	Proposed	12.4	22.9	45.4
	<b>Change</b>	<b>-4.0</b>	<b>-6.8</b>	<b>-12.2</b>
<b>Southeast</b> <i>(Exist. Pond)</i>	Pre-Project	5.0	8.4	15.4
	Proposed	2.1	3.3	5.6
	<b>Change</b>	<b>-2.9</b>	<b>-5.1</b>	<b>-9.8</b>
<b>TOTAL</b>	Pre-Project	32.4	58.2	112.5
	Proposed	20.6	37.6	73.5
	<b>Change</b>	<b>-11.8</b>	<b>-20.6</b>	<b>-39.0</b>

## Low Floor Elevations

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

## Operation and Maintenance

Operation and Maintenance of the stormwater and irrigation system will be provided by the City of Rogers.

## Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls **meet** Commission requirements.
2. Infiltration from 1.1 inches of runoff from impervious areas will be provided by capture and re-use using an existing stormwater pond.

3. Net, new impervious areas will be 3.13-acres from the site, requiring abstraction of 12,498 cubic feet.
4. The applicant provided existing and proposed MIDS modeling for the development showing conformance with the water quality requirements.

**Table 2 Water Quality Summary**

	<b>Annual Runoff Vol. (ac-ft)</b>	<b>Abstraction Vol. (cubic feet)</b>	<b>TP* (lbs/year)</b>	<b>TSS (lbs/year)</b>
Pre-Project	9.45	N/A	7.7-14.3	1,401
Proposed (w/ BMP's)	8.74	12,498 (required) 61,419 (provided)	7.1	1,297
<b>Change</b>	<b>-0.71</b>	<b>+ 48,921 (excess)</b>	<b>-0.6 to -7.2</b>	<b>104</b>

\*Existing conditions modeled as both turf (applicant) and row crop (ECWMC Staff).

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

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

#### **Rule I – Buffer Strips**

1. The proposed Buffer strips **meet** the Commission's requirements as follows:
  - a. The applicant provided a wetland buffer plan showing that a minimum 10' of buffer is provided for the entire wetland and a 25' average buffer is achieved.
    - i. Require Buffer: 0.4 ac
    - ii. Provided Buffer: 2.5 ac
  - b. The buffer plan will be planted with a no-mow, MNDOT Native Seed Mix.

#### **Recommendation**

Conditional Approval

#### **Conditions for Approval**

1. Approval is contingent upon final application escrow fee balance. Additional payment or refund of the fees will be determined when all conditions for approval are met.
2. Approval is contingent upon an operation and maintenance agreement between the City of Rogers and the School.

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

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

Date 8/1/2023

**Attachments**

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

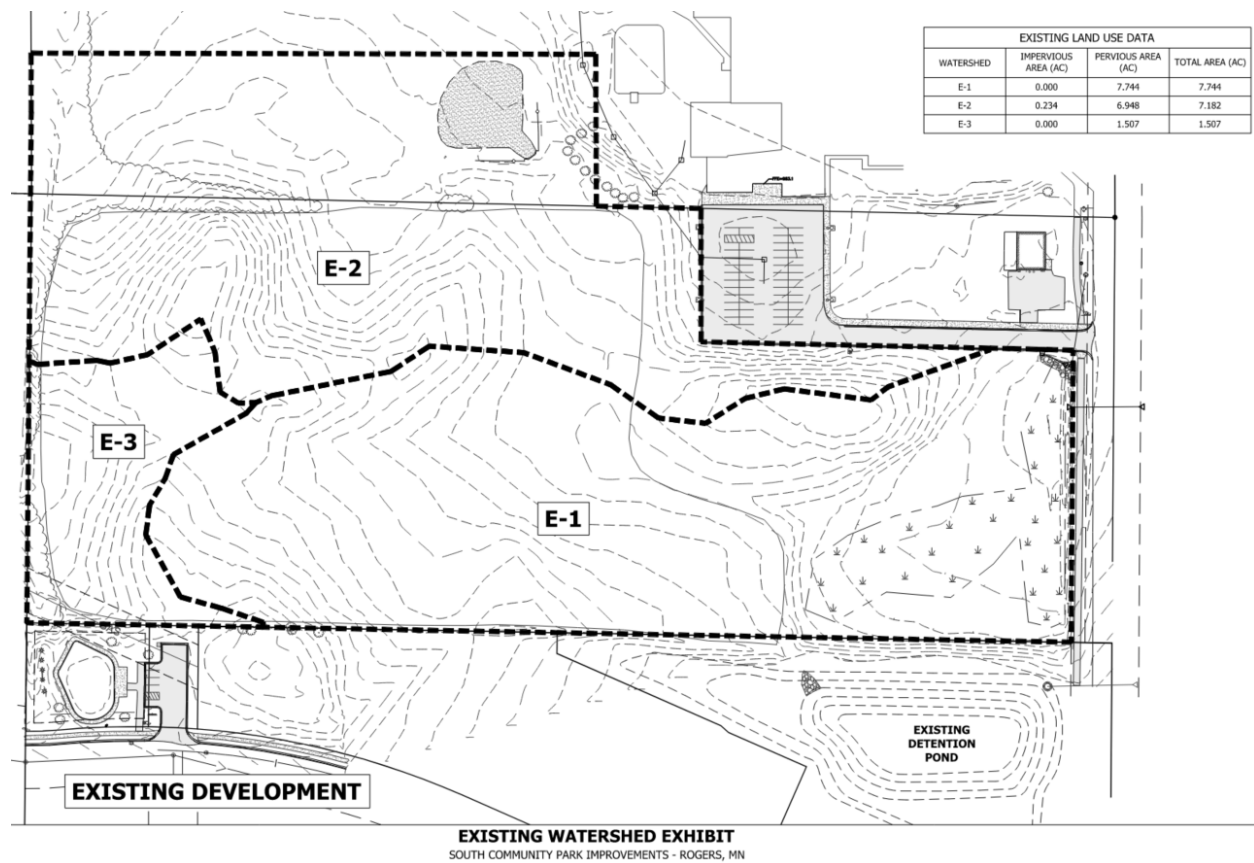


**Figure 1 Project Location**

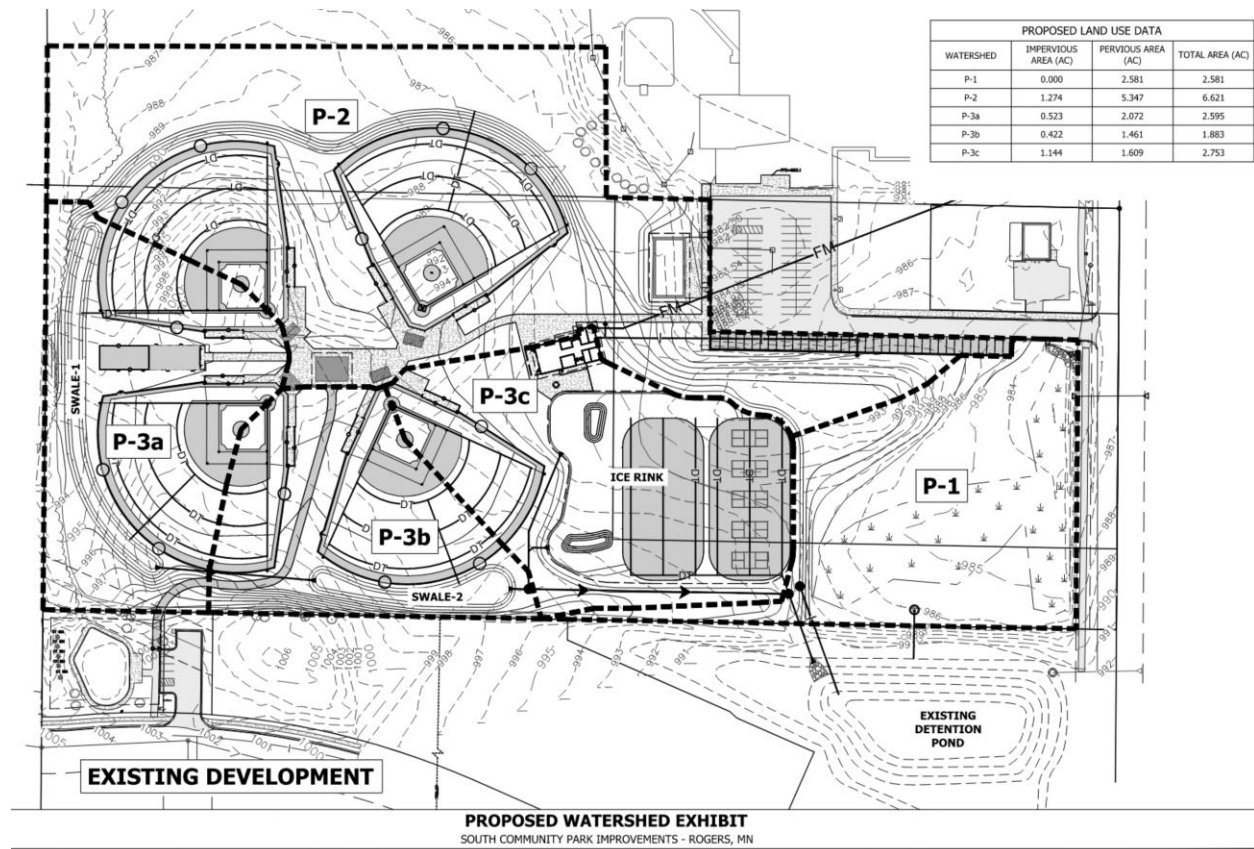




**Figure 2 Existing Drainage Map**



**Figure 3 Proposed Drainage Plan**



**To:** Elm Creek WMO Commissioners

**From:** Erik Megow, PE  
Diane Spector

**Date:** August 2, 2023

**Subject:** 2023 CIP Call for Public Hearing

<b>Recommended Commission Action</b>	By motion call for a Public Hearing on September 14, 2023 to consider proposed projects and proposed levies.
--------------------------------------	--

The Commissions had previously established the maximum proposed levy for the 2023 Capital Improvement Program (CIP). The next step in the process is to call for a public hearing to consider ordering and certifying a levy for proposed projects and programs. Tables 1 and 2 attached show the projects under consideration and their funding followed by short project summaries.

The final step in the CIP process will be to hold a public hearing on the proposed projects and programs at the Commission's regular September 14, 2023 meeting. At that time the Commission will formally order the projects, certify levies to Hennepin County, and authorize the execution of any necessary cooperative agreements with the cities acting as the lead city to contract the ordered projects.

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

Project	Total Estimated Cost	City/ Other	Grant	Commission Share
S Fork Rush Creek Stream Restoration*	\$3,250,000	\$2,437,500	0	\$406,250
CSAH 12/Dayton Rd Ravine Stabilization	1,329,410	1,219,410	0	110,000
Downtown Pond Expansion and Reuse	406,000	304,500	0	101,500
City Cost Share	100,000	100,000	0	100,000
Partnership Cost Share	50,000	0	0	50,000
<b>Subtotal</b>	<b>\$5,135,410</b>	<b>\$4,061,410</b>	<b>\$0</b>	<b>\$767,750</b>
<b>5% additional for legal/admin costs</b>				<b>38,390</b>
<b>Subtotal</b>				<b>806,140</b>
<b>TOTAL LEVY (101% for uncollectable)</b>				<b>\$814,200</b>

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

**Table 2. Levy by project.**

Project	Total Levy
South Fork Rush Creek	\$430,830
CSAH 12/Dayton Rd Ravine Stabilization	116,655
Downtown Pond Expansion and Reuse	107,640
Cost share (city projects)	106,050
Partnership cost share (private projects)	53,025
<b>Total</b>	<b>\$814,200</b>

## Project Descriptions

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

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

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

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

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

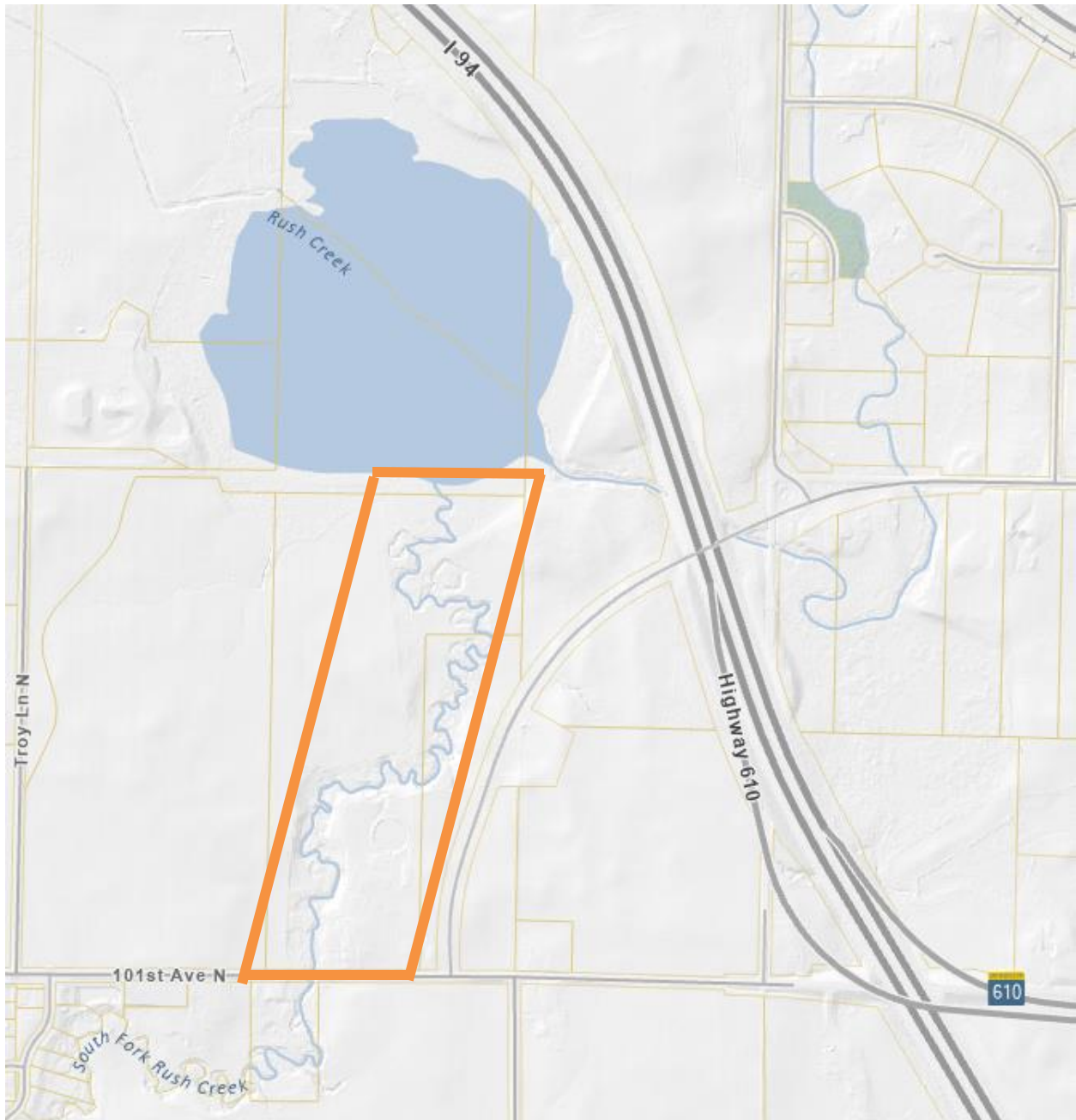


Figure 1. S Fork Rush Creek project location.



**Legal Notice**  
**NOTICE OF PUBLIC HEARING**  
**ELM CREEK WATERSHED MANAGEMENT COMMISSION**

**TO WHOM IT MAY CONCERN:**

Notice is hereby given that the Elm Creek Watershed Management Commission (ECWMC) will meet at the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN, on Wednesday, September 13, 2023, at approximately 11:30 a.m., or as soon thereafter as the matter may be heard, for a public hearing on the following improvements:

**Project 2023-01:** South Fork Rush Creek Stream Restoration  
**Location:** Maple Grove  
**Description:** Stream stabilization and floodplain re-establishment. Approx. 7200 linear feet from 101st Ave N to Rush Creek  
**Cost:** Estimated project cost is \$3,250,000. The ECWMC proposes to fund \$430,830, the remaining one-half of the total requested Commission share of \$812,500, by certifying this cost to Hennepin County for collection with a county ad valorem tax levy. The initial one-half share was levied in 2022.

**Project 2023-02:** CSAH 12/Dayton River Road Ravine Stabilization  
**Location:** Dayton  
**Description:** Stabilization of two eroding deep ravines conveying stormwater runoff into the Mississippi River  
**Cost:** Estimated project cost is \$1,329,400. The ECWMC proposes to fund \$116,655 by certifying this cost to Hennepin County for collection with a county ad valorem tax levy.

**Project 2023-03:** Downtown Pond Expansion and Reuse  
**Location:** Rogers  
**Description:** Project includes stormwater reuse for irrigation of nearby parks. The additional storage area reduces flooding within the downtown area.  
**Cost:** Estimated project cost is \$406,000. The ECWMC proposes to fund \$107,640 by certifying this cost to Hennepin County for collection with a county ad valorem tax levy.

**Project 2023-04:** City Cost Share  
**Location:** Various locations within the Elm Creek watershed  
**Description:** Cost-share for member city small retrofit best management practices (BMPs)  
**Cost:** Estimated project cost is \$100,000. The ECWMC proposes to fund \$106,050 by certifying this cost to Hennepin County for collection with a county ad valorem tax levy.

**Project 2023-05:** Partnership Cost Share  
**Location:** Various locations within the Elm Creek watershed  
**Description:** Cost-share for private property retrofit BMPs  
**Cost:** Estimated project cost is \$50,000. The ECWMC proposes to fund \$53,025 by certifying this cost to Hennepin County for collection with a county ad valorem tax levy.

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

Persons who desire to be heard with reference to the proposed improvements will be heard at this meeting. Written comments may be submitted to Doug Baines, c/o JASS, 3235 Fernbrook Lane, Plymouth, MN 55447, or emailed to [judie@jass.biz](mailto:judie@jass.biz). Auxiliary aids for persons with handicaps are available upon request at least 7 days in advance. Please contact Judie Anderson at 763-553-1144 to make arrangements.

/s/ Doug Baines, Chair

By order of the Elm Creek Watershed Management Commission

# # #

Published between August 28 and September 8, 2023 in the Osseo-Maple Grove Press

Z:\Elm Creek\CIPs\2022\Legal Notice Hearing\_2022 projectsdfs.doc

**From:** [Rozalyn Davis](#)  
**To:** [Judie Anderson](#)  
**Cc:** [DougBaines@yahoo.com](mailto:DougBaines@yahoo.com)  
**Subject:** 2023 Buffer Inspections  
**Date:** Monday, July 31, 2023 4:40:04 PM

---

Hi Judie and Doug,

The Minnesota Buffer Law (MS 103F) went into effect in 2017 and requires Hennepin County (the acting SWCD) to perform monitoring on all buffer required parcels every 3 years. As part of the monitoring program, Hennepin County staff must field verify a percentage of parcels in the county to ensure compliance matches Minnesota Buffer Law (MS 103F). This monitoring may be conducted via aerial photo review or on-site review depending on availability of updated aerial photos and the buffer that is being verified.

Parcel(s) have been selected in the cities of Corcoran, Rogers, and Dayton for on-site review during the month of August. We will be visiting the parcels to verify the buffer is compliant with the Minnesota Buffer Law (MS 103F). We will be validating the requirements listed below. The landowner will receive an inspection notice and a follow up letter with the findings and any action needed to correct buffer problems.

Public Waters

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

Public Drainage Systems

- Requires a minimum of 16.5 feet of buffer
- Buffers are measured from the top or crown of the bank.
  - MN Buffers Law for Public Ditches started on November 1, 2018

If you would like more information or like to attend an on-site review please contact me and we can arrange it.

No other action is needed from the Watershed at this time.

Thank you!

**Roz Davis** - Conservation Specialist  
Hennepin County Environment and Energy  
952-262-0397  
[Rozalyn.Davis@hennepin.us](mailto:Rozalyn.Davis@hennepin.us)  
Pronouns: she/her



**Disclaimer:** If you are not the intended recipient of this message, please immediately notify the sender of the transmission error and then promptly permanently delete this message from your computer system.

# elm creek Watershed Management Commission

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PH: 763.553.1144 | email: judie@jass.biz  
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TECHNICAL SUPPORT  
Erik R. Megow | erik.megow@stantec.com  
James Kujawa | surfacewaterolutions@outlook.com  
Rebecca Carlson | rebecca@resilience-resources.com

## STAFF REPORT August 2, 2023

- a. 2017-050W Ernie Mayers Wetland/floodplain violation, Corcoran.** The City of Corcoran contacted the Commission in 2017 concerning drainage complaints on Mayers' property. Technical Evaluation Panels (TEPs) were held to assess the nature and extent of the violations and a restoration order was issued to Mayers. In 2018, an appeal of the restoration order was received by the Board of Water and Soil Resources. BWSR placed an order of abeyance (stay) on the appeal looking for a resolution between the LGU and Mayers. The parties came to an agreement to resolve the violation in 2021. The agreement was signed by BWSR, Corcoran and Mayers. Commission Staff have not been provided with a copy of the agreement and the agreement does not resolve the Commission's floodplain fill issue from the wetland work. Staff sent correspondence to that effect to Mayers on February 1, 2022, requesting an application and site plan. To date, no WCA or floodplain compliance actions have been taken by Mayers or the City. Once the Commission is informed by the LGU of how the violations will be resolved, Staff can follow up on the scope of any outstanding Elm Creek floodplain issues.
- b. 2021-029 TriCare Grocery, Maple Grove.** The project will construct a grocery store, retail, and associated parking on approximately 2.5 acres of the 62.7-acre TriCare parcel, located just north of CR 30 and southwest of I-94. The project was reviewed for Rules D and E. Staff issued a denial in 2016 when the regional stormwater BMP project was constructed. On November 10, 2021, the Commission approved this project contingent upon receipt of the escrow balance and the City reconstructing the basin to meet Commission rules and standards per Staff findings dated November 1, 2021.
- c. 2021-034 BAPS Temple, Medina.** This project includes construction of a Hindu Temple, dining hall, gymnasium, parking lot and a 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 and approved at the October 2021 meeting contingent on three conditions outlined in Staff's findings dated October 4, 2021: (1) receipt of the escrow balance, (2) an operation and maintenance agreement with the City, and (3) a geotechnical report provided to the Commission. An update from the applicant's engineer on July 21, 2022, stated, "The client is holding on[to] construction documents temporarily; once they give us the go-ahead we will work to finalize the items below, likely by this fall [2022]." On November 3, 2022, the Commission was informed that the applicant has amended the site layout a bit and anticipates construction in 2023.
- d. 2021-044 Balsam II Apartments, Dayton.** The Commission approved this project in January 2022. The final infiltration testing of the stormwater basin and receipt of the escrow balance are the only conditions outstanding from Staff's findings dated December 22, 2021. As of November 2, 2022,

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

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

*Italics indicates new information*

*indicates enclosure*

the City and the Commission are awaiting the test results so that the outstanding escrow balance can be invoiced, and this project can be closed. The applicant informed the City they will provide the test results when completed in summer 2023.

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

**f. 2022-002 Summerwell Townhomes, Maple Grove.** This project is for construction of a 26-acre site into a residential townhome community. It will create 13-acres of impervious, all of which is net, new impervious. The project triggers Rules D, E, G, and I and was approved at the Commission's June meeting with three conditions: (1) determination of escrow fee balance; (2) receipt of an O&M Plan approved by the City, and (3) provision of a wetland monitoring plan with four conditions. These conditions are found in Staff findings dated June 2, 2022. The monitoring plan was received on November 3, 2022. *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*

**g. 2022-003 Fox Briar Ridge East, Maple Grove.** *The escrow balance has been received and this project will be removed from the report.*

**h. 2022-006 Hamel Townhomes, Medina.** The proposed project would construct 30 townhomes with associated sidewalks, roads, and stormwater infrastructure. The project will create 1.76-acres of impervious, 1.54-acres of which is net, new impervious, and triggers Rules D and E. In their findings dated August 2, 2022, Staff recommended approval with two conditions: receipt of an Operations and Maintenance Agreement acceptable to the City and final escrow determination. The project was approved at the Commission's August meeting. The project is currently on hold and Staff are working with the engineer and owner regarding the escrow. *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*

**i. 2022-008 Bechtold Farms, Corcoran.** *The escrow balance has been refunded and this project will be removed from the report.*

**j. 2022-011 Arrowhead Drive Turn Lane Expansion, Medina.** This project consists of a linear project for the City of Medina and a private site expansion for Open Systems International (OSI). The City will be constructing a stormwater BMP on the OSI site to accommodate for rates and water quality from two projects: (1) Arrowhead Drive Turn Lane Expansion and the future (2) Open Systems International, Inc. (OSI) Expansion. The projects are being reviewed as a planned development being treated by the proposed basin. Updated plans were received April 1 and April 14, 2022. This project received approval at the Commission's May meeting pending three conditions found in Staff findings dated May 2, 2022: (1) final escrow determination, (2) payment of the additional floodplain

alteration review fee, and (3) plans for the OSI, Inc. parking expansion being developed. A Commission application for Rule E will be necessary, assuming the stormwater management is consistent with this approval. An erosion control and grading plan for the OSI site should include no more than 1.56 acres of impervious surface and all impervious surfaces shall be directed to the proposed stormwater BMP.

**k. 2022-013 Dayton Industrial Site, Dayton.** This project is a 25.04-acre site located on the north side of CR 81 between Brockton Lane and Dayton Parkway. The applicant is proposing to construct a 334,750 SF industrial building with associated parking for passenger vehicles and tractor trailers. Construction of an extension of Troy Lane Extension from its current cul-de-sac terminus continuing eastward to a future intersection with West French Lake Road is also planned, but will be permitted separately by the City. The proposed project will create 17 acres of new impervious, disturbing 30 acres. The area of the two existing parcels is 25.04 with 0.44 acres of existing impervious. Staff received the signed application March 21, 2022. Staff completed an initial review and requested additional documents from the applicant, which were received March 29, 2022. At their May 11, 2022 meeting the Commission approved this project with eight conditions per Staff's findings dated May 2, 2022.

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

**m. 2022-017 City Center Drive, Corcoran.** This site is approximately 30-acres, adjacent to and east of CR 116. The City is proposing to provide infrastructure and a regional stormwater system for the ultimate development of this area. This plan proposes to grade and construct City Center Drive, 79th Place, CR 116 turn Lanes, the proposed St. Therese Senior housing facility and a linear city park and trail along CR 116. At the June meeting the Commission approved this project with four conditions 1) Wetland impacts and replacement plans must be approved by the LGU. 2) Final erosion and sediment control plans must be submitted that meet the Commissions requirements. 3) Post construction drawdown rates of >3" per hour must be verified on the filter bench to the NE regional pond and 4) Final escrow balance determination, as cited in Staff findings dated May 31, 2022. Items 3 and 4 are the only outstanding items.

**n. 2022-018 Big Woods, Rogers.** This site is approximately 72.1 acres, with 61.0 acres being disturbed. The project will create 207 residential lots and include 23.6 acres of impervious surface after development. The Commission review covers Rules D, E, and I. Per Staff findings dated June 1, 2022, the Commission approved this project at the June meeting conditioned on: (1) reconciliation of the escrow fee balance; (2) receipt of a wetland alteration plan approved by the WCA LGU [the City]; and (3) approval of an operations and maintenance plan approved by the City.

**o. 2022-019 Grass Lake Preserve, Dayton.** *The escrow balance has been refunded and this project will be removed from the report.*

**p. 2022-020 Skye Meadows Extension, Rogers.** This is a development on a 45.3-acre parcel which will disturb 44.1 acres and result in 14.1 acres of impervious surface. The impervious surface includes

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129 lots and associated streets. The Commission review covered Rules D, E, G, and I. The project was approved at the Commission's June meeting with the three conditions cited in Staff's findings dated June 1, 2022: (1) final escrow balance reconciliation; (2) approved wetland mitigation plan for the proposed disturbance of Wetlands A and B; and (3) an operation and maintenance plan approved by the City. On January 25, 2023, Andrew Simmons reported that the project includes a road vacation that likely will not be approved. The applicant may need to come back for a re-review.

**q. 2022-022 Cook Lake Highlands, Corcoran/Maple Grove.** This is a 53.58-acre development comprised of four existing parcels in both cities. The western parcel in Corcoran totaling 27.3 acres is under consideration for this review. The adjacent Cook Lake Edgewater, 2021-031 was approved in October 2021. The site is located along the north side of CR 10 (Bass Lake Road) just west of the CR 101 crossing and southwest of Cook Lake. The applicant is proposing to create a detached residential rental community with 59 units creating 10.4 acres of new impervious areas in Maple Grove, and 8.1 acres of new impervious in Corcoran (a total of 18.5 acres). The applicant reports incorporation of some impervious that is planned for the future acres of new impervious areas in Maple Grove, 8.1 acres of new impervious in Corcoran (totaling 18.5 acres) as well as for the future expansion of CR 10. This phase of the project will disturb 18.6 acres. A stormwater pond with bio-filtration bench and a smaller filtration basin are proposed for the Corcoran portion of the site. At the June meeting the Commission granted approval of the six conditions cited in Staff findings dated June 1, 2022.

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

**s. 2022-028 Elsie Stephens Park, Dayton.** This is existing park property (~20 acres) located about a mile north of the junction of County Roads 144 (N. Diamond Lake Road) and 12 (Dayton River Road). The project proposes to construct two entrance roads off CR 12, 1,300 feet of park roadways with a parking area and loop road, and a trail system to connect existing and future trails. Site revisions received July 5, 2022, were reviewed by the Commission at their July 2022 meeting. Staff recommended approval in their findings dated July 6, 2022, contingent upon: 1) pre- and post-construction soil analysis on each infiltration basin to determine that infiltration rates meet or exceed design assumptions; 2) erosion and sediment control meeting the Commission's requirements and approved by Staff; and 3) escrow fee reconciliation. No new information has been received.

**t. 2022-029 Hayden Hills Park, Dayton.** *The escrow balance has been received and this item will be removed from the report.*

**u. 2022-031 Corcoran II Substation.** *The three conditions have been met and the escrow balance has been refunded. This project will be removed from the report.*

**v. 2022-038 Tavera (North Phase), Corcoran.** Lennar Homes is proposing to develop this site into a 244-unit housing development, with 110 single family detached lots and 134 attached town-

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house units. It is the second phase of the overall larger 548-unit Tavera housing development. The total site area is 272 acres. Phase 2 will encompass approximately 175 acres, disturb 110 acres, and create 38.6 acres of new impervious area. The Commission approved the project at their August 2022 meeting contingent upon meeting the conditions cited in Staff's August 3, 2022, findings: (1) operation and maintenance plans and agreement being provided to the Commission for their review and approval. These plans must include the irrigation system. (2) irrigation system pump and augmentation information being provided and approved by Staff and (3) the escrow balance being reconciled. No new information has been received.

**w. 2022-040 Karineimi Meadows, Corcoran.** This is a 125-acre parcel in the southeast quadrant of the CR 10 and 19 intersection proposed to be subdivided into 10 large single family residential lots. The project will consist of constructing Chaparral Lane south of CR 10 with its associated drainage and stormwater basins into the site. Lot grading improvements will be customized and occur at the time the homes are built. Staff provided preliminary comments to the applicant on August 17. The applicant extended the 15.99 deadline to February 8, 2023. Revised information and a recommendation for approval was provided to the Commission at their December 2022 meeting. The Commission approved this project contingent upon the following: 1) Ponds 3 and 4 filter volume drawdown rates must be designed for a 1.0"/hour drawdown rate, or if the existing rate of 1.8"/hour is used, the 48-hour drawdown must be field-verified after construction; 2) An approved and recorded operation and maintenance agreement for the stormwater ponds must be recorded on the property; 3) the escrow balance must be reconciled; and 4) the Commission recommends the City of Corcoran follow their recommended livestock management policy. Staff provided the City and applicant with the livestock management policy. Construction is to begin this spring/summer (2023). Item 1 will be verified by the applicant after construction.

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

**y. 2022-045 Corcoran Water Treatment Plant, Corcoran.** *The escrow balance has been refunded and this project will be removed from the report.*

**z. 2022-049 Connexus Energy Subdivision, Dayton.** This is an existing 1.8-acre lot located on the north side of 117th Avenue North between Fernbrook Lane and East French Lake Road. The applicant is

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proposing to construct an energy substation adding 0.73 acres of impervious area, disturbing the entire parcel plus ROW. The current land use is row crops in C soils. A complete project application was received December 12, 2022. In findings dated December 29, 2022, Staff is recommending approval with the following conditions: (1) payment of all review fees. Additional payment may be required if the review cost exceeds escrow payment(s) submitted by the applicant; (2) applicant must meet all City requirements; (3) applicant must provide signed agreement from adjacent landowner and the City for any off-site grading and direction of flow to the west; and (4) an operation and maintenance agreement for the stormwater facilities that implement those conditions that bind current and future owners of the project shall be recorded on this property.

**aa. 2023-01 Chankahda Trail Reconstruction Phase 2, Plymouth.** Hennepin County and the City of Plymouth are proposing to reconstruct approximately four miles of Chankahda Trail over the next few years. Phase 2 of the reconstruction extends from approximately 300 feet east of Peony Lane/Maple Grove Parkway to roughly 100 feet east of Vicksburg Lane. This project triggers Commission Rules D, E and F. This project was approved with two conditions at the Commission's April meeting: 1) final application escrow fee balance and 2) receipt of an updated compensatory storage plan that is separated from groundwater and hydraulically connected to the floodplain.

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

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

**ad. 2023-009 Magnifi Financials, Maple Grove.** This project consists of the construction of a building with split-use between a coffee shop and bank with associated parking and utilities. The project will disturb 2.15 acres and result in a decrease in hardcover for the lot. The project triggers Commission Rules D and E. Staff's findings dated June 2, 2023, were approved at the June meeting with three conditions.

**ae. 2023-010 New Fire Station, Rogers.** The City of Rogers is planning to construct a new fire station facility, Fire Station 2, located at 141st Avenue N. The proposed site includes a new building, parking lots, sidewalks, an access road tying into Northdale Boulevard, and driveways. The project triggers Commission Rules D and E. This item received initial review and comments were sent to the applicant on May 23, 2023.

**af. 2023-011 Sundance Greens 9th Addition, Dayton.** Sundance Development, LLC submitted an application for review of this project. The submittal was received by the Commission on May 30, 2023. The project disturbs 10.6 acres increasing impervious by 2.8 acres for single-family homes. The project relies on existing stormwater approved for previous Sundance Greens Additions and is only an erosion

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control review request. *Staff provided a Staff-level approval for grading the week of the July Commission meeting where approval of this project was tabled.*

**ag. 2023-012 Hope Community Mixed-Use EAW, Corcoran.** The City of Corcoran submitted a draft EAW worksheet prepared by Stantec dated May 2023 for review of this project. Hope Community Church proposes phased construction of a mixed-use development spanning approximately 44.5 acres at the northwest corner of CRs 30 and 116. The proposed plan reflects 738 housing units (primarily within multifamily buildings) and up to 110,300 SF of commercial, retail, and medical office space. Approximately 43 acres (total Project Area minus trees that would be preserved) would be disturbed during the construction of the project and 17.3 acres of impervious surface would be added to the project area, based on the current site plan. *The project was reviewed at the July regular meeting of the Commission. No approval action is required for an EAW and this project will be removed from the report.*

**ah. 2023-013 River Valley Church, Maple Grove.** This project consists of the construction of a single building, bituminous parking lot, stormwater basin, and other associated site improvements on an undeveloped lot located at the southwest corner of Arbor Ridge Parkway and 101st Avenue North. The project triggers the Commission Rules D and E. *This item has been reviewed and a finding of facts memo dated June 30, 2023, was approved at the July Commission meeting with two standard conditions.*

**ai. 2023-014 Bottema Wetland Restoration, Corcoran.** *This project restores previously drained agricultural lands to wetlands. Ten wetlands in total will be restored during this project, with uplands seeded into prairie. The project is north of CR 30 and west of Cain Road in Corcoran. The North Fork of Rush Creek flows east through the northeastern portion of the 120-acre parcel. Construction includes grading/disturbance on 3 acres of land and erosion control for the 120-acre parcel. There is no current or proposed impervious for this project. The project triggers only Rule E. Staff reviewed the project and approved the erosion control, but did offer several comments to the County regarding the design and future stabilization.*

**aj. 2023-015 South Fork Rush Creek Restoration at Evanswood, Maple Grove.** *This is a 5,500 lineal foot restoration of the South Fork of Rush Creek beginning 100 feet downstream (north) of 101st Street Avenue North Bridge. The project incorporates restoration and stabilization techniques and includes construction of a minimal impact pedestrian bridge. The project disturbs 14.7 acres and proposes no impervious outside the pedestrian bridge (a linear project, the proposed bridge impervious is less than 1 acre and does not trigger stormwater requirements). The project triggers rules E, F and H. A complete submittal was received July 12, 2023 and was reviewed by Staff who recommend approval with three conditions - the standard fee/escrow condition and two conditions related to the LOMR filing with as-built conditions and the second DNR permit required for work in public waters associated with the pedestrian bridge.*

**ak. 2023-016 Rogers South Community Park Improvements.** *This project consists of the disturbance of approximately 14.1 acres over three parcels totaling 34.3 acres to construct park improvements and a re-use irrigation system. Impervious surface within the disturbed area will increase from 0.24 acres to 3.36 acres. The project takes place on three parcels northwest of the Territorial Road and Main Street intersection, adjacent to the Rogers Elementary School (School District No. 728). The*

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*project triggers Commission rules D, E and I. This item has been reviewed and a finding of facts memo dated June 30, 2023, is included in the August meeting packet.*

*al. 2023-017 Veit Pit Sand Gravel Mine, Rogers. This project consists of temporary redevelopment for sand and gravel mining and processing operations. The project disturbs approximately 11.9 acres of farmland and woodland located southwest of the intersection of 141st Avenue and Willandale Road. The project triggers the Commission rules D, E and I. This item has been reviewed and initial comments have been sent to the applicant. No recommendation is available at this time.*

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

**ca. 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.

**cb. 2015-030 Kiddiegarten Child Care Center, Maple Grove.** Approved December 9, 2015. If the City does not take over the operation and maintenance of the underground system and the sump catch basins, an O&M agreement for the underground trench/pond system must be approved by the Commission and the City and recorded with the title. On February 5, 2019, Derek Asche contacted the owner requesting a copy of the recorded maintenance agreement. On October 21, 2022, Asche reported there is no update for this project.

**cc. 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.

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

**ce. 2018-046 Graco Expansion, Rogers.** This project is the expansion of an existing building. The site is located in an area that has regional ponding provided for rate control purposes, but needs to account for water quality and abstraction requirements on-site prior to discharging offsite as part of the improvements. The Commission granted conditional approval at their October 2018 meeting. Conditions of approval were to (1) submit a SWPPP plan meeting requirements, (2) clarify maintenance responsibilities for the iron enhanced sand filter, and (3) a letter from the City of Rogers stating their intentions to provide the water quality deficit in an upcoming project. Staff confirmed several minor plan revisions remain in conformance with the original approval. This item will remain on the Staff report until the water quality deficit has been made up.

**cf. 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,

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2020. At their May 13, 2020, meeting the Commission approved this project contingent upon: 1) the land-owner 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.

**cg. 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 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, the City provided the Commission with a copy of the recorded O&M agreement.

**ch. 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.

**ci. 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.

**cj. 2021-020 Crew Carwash, Maple Grove.** This project would reconstruct an existing bank building and parking lot on a 1.80-acre parcel into a carwash. The site is located southwest of the intersection of Weaver Lake Road and Elm Creek Boulevard with access from Grove Drive. The disturbance is 1.52 acres, the existing impervious is 1.07 acres, and the proposed impervious is 1.17 acres. Runoff from this site flows into a regional pond on Arbor Lakes Parkway, which ultimately discharges to Rice Lake. The City has stated that the regional pond meets rate control and water quality treatment for the site. The applicant is proposing to use soil amendments to meet the Commission's volume rules. The Commission approved the project at its June meeting contingent on a maintenance agreement being filed with the City with terms agreeable to the Commission. The outstanding escrow balance has been received. On October 21, 2022, Derek Asche reported there is no update for this project.

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- ck. **2021-025 Hackamore Road Reconstruction, Corcoran/Medina.** *The escrow balance has been received and this project will be removed from the report.*
- cl. **2021-035 Mister Carwash, Rogers.** *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*
- cm. **2021-036 D&D Service, Corcoran.** This development is proposed at the southeast corner of the intersection of County Roads 10 and 19 on a 16.54-acre parcel. The proposed project will include a large warehouse and office buildings along with parking and associated facilities. The existing site is a single farmhouse and surrounding agricultural land. The project was reviewed for Rules D, E, G, and I. Findings updated October 5, 2021, wherein Staff recommended contingent approval with five conditions were approved at the October meeting: (1) payment of all review fees; (2) Corcoran TEP approval of the Wetland Mitigation Plan and the city maintains a drainage and utility easement for existing and proposed on site wetlands; (3) applicant shall consider and respond to staff comments on plan and provide final data prior to approval; (4) applicant shall respond to any City comments; and (5) applicant shall provide a Stormwater Maintenance Agreement acceptable to the city and the Commission within 90 days after the plat is recorded. On July 26, 2022, Kevin Mattson confirmed that the O&M agreement has been received and recorded.
- cn. **2021-050 Evanswood, Maple Grove.** *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*
- co. **2022-009 Dunkirk Lane Development, Plymouth.** *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*
- cp. **2022-012 Graco Building 2, Dayton.** *The escrow balance has been received and this project will be removed from the report.*
- cq. **2022-033 Pet Suites, Maple Grove.** *The escrow balance has been received and this project will be removed from the report.*
- cr. **2022-035 Rush Hollow, Maple Grove.** *The escrow balance has been received and this project will be removed from the report.*
- cs. **2022-042 Walcott Glen, Corcoran.** *The escrow balance has been received and this project will be removed from the report.*
- ct. **2022-047 Suite Living of Maple Grove.** *The escrow balance has been received and this project will be removed from the report.*
- cu. **2023-02 Lynde Greenhouse Fire Damage Repair, Maple Grove.** *The escrow balance has been invoiced and this project will be removed from the report upon its receipt.*
- cv. **2023-006 Sota Shine, Maple Grove.** *The escrow balance has been received and this project will be removed from the report.*

# HENNEPIN COUNTY

## MINNESOTA

DATE: August 1, 2023

TO: Elm Creek Watershed Management Commission (ECWMC)

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

RE: August ECWMC Updates

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### [Bottema Wetland Restoration Update \(Corcoran\)](#)

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

### [Mattila Manure Bunker \(Corcoran\)](#)

Landowner will be starting construction on the manure bunker after a brief delay. A meeting with NRCS to discuss rotational grazing on the North side of Rush Creek is being scheduled for late August.

### [Christian Settling Basin \(Dayton\)](#)

Meeting was held with consulting engineer to discuss the project and develop a punch list of needed survey data. Staff were able to survey the area where the potential settling basins will be installed as well as the current channel. Data was collected, sorted, and delivered to the engineer for analysis. A proposed BMP plan should be returned in the coming weeks.

Landowner is also interested in technical assistance on how to encourage wildlife to return to the property and utilize the resources onsite.

### [Van Asten Bunker and Basin \(Dayton\)](#)

Staff met with the consulting engineers to discuss the design plan of the manure bunker and potential options for runoff control near the barn area. Staff will be visiting the site in early August to collect survey data of the site which will be used in conceptual planning.

### [Project Funding Table](#)

See the table below for updates regarding projected funding for cost-share projects and overall budgeting. This will be included in future staff updates and revised as projects are designed or reimbursed. Numbers that are highlighted denote a change from the prior month, and those that are bold and italicized indicate estimated totals which have not been reimbursed.

# HENNEPIN COUNTY

## MINNESOTA

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

Receiving Water(s)	Project Name	Best Mngt. Practice(s) (BMP)	Status	BMP Benefits		Cost		Cost effectiveness *		Funding Sources					
				TP (lbs/yr)	TSS (tons/yr)	Project Dev / Design	Install	\$/lb-TP/yr	\$/ton-TSS/yr	NRCS	Grant **	WBIF	CIP	Henn. Co.	Land-owner
<b>Rush Creek</b>	Cain Fencing	Pasture Mngt.	Installed and Complete (2022)	6.63	-	\$6,419.86	\$14,180.50	\$213.88	-	-	\$7,799.28	-	\$3,545.13	\$1,418.05	\$1,418.05
	Mattila Phase 1	Barn Gutters and Waterers	Installed and Complete (2022)	17.29	-	\$4,279.91	\$33,225.00	\$192.16	-	-	\$24,918.75	-	\$4,983.75	-	\$3,322.50
	Mattila Phase 2	Manure Bunker	Install Summer 2023	4.8	-	\$6,419.86	<b>\$54,800</b>	<b>\$1,141.67</b>	-	-	-	<b>\$30,140</b>	<b>\$13,700</b>	<b>\$5,480</b>	<b>\$5,480</b>
	Stotts Phase 1A	Grassed Waterways	Substantially Installed	79.44	39.72	\$8,559.82	\$120,000	\$151.05	\$302.11	-	\$74,940	-	\$14,988	-	\$9,992
	Stotts WASC0B & Waterway	WASC0B & Grassed Waterway	Installed and Complete (2021)	7.5	7.5	\$4,279.91	\$32,704.80	\$436.06	\$436.06	-	\$17,987.64	-	\$8,176.20	\$3,270.48	\$3,720.48
	Vehrenkamp WASC0B	WASC0B	Prelim. design complete	TBD ±	TBD	\$8,559.82	<b>\$20,600</b>	TBD	TBD	-	-	<b>\$9,270</b>	<b>\$5,150</b>	<b>\$2,060</b>	<b>\$2,060</b>
	Bottema Restorations	Wetland and Prairie Restoration	Securing permits	14.2	-	-	<b>\$124,000</b>	\$932.86	-	-	-	<b>\$68,200</b>	<b>\$31,000</b>	<b>\$6,200</b>	<b>\$18,600</b>
	Stotts Phase 1B	Grassed Waterways, Wetland Restoration	In design	TBD ±	TBD	\$4,279.91	TBD	TBD	TBD	-	-	TBD	TBD	TBD	TBD
<b>Diamond Creek, Diamond Lake</b>	Diamond Hills Pasture / Feedlot Upgrades	Fencing, Waterers, Barn Drainage	Landowner design feedback	54	1.4	-	TBD	TBD	TBD	TBD		TBD	TBD	TBD	TBD
	Van Asten Manure Bunker	Manure Bunker	Cost-Benefit Analysis			<b>\$6,419.86</b>	<b>\$36.900</b>				-	<b>\$20,295</b>	<b>\$9,225</b>	<b>\$3,690</b>	<b>\$3,690</b>
								Total Encumbered:				\$127,905	\$90,768.08	\$22,118.53	\$47,833.03
								ECWMC Funding:				\$175,000	\$100,000	-	-
								Remaining:				\$47,095.00	\$13,706.93	-	-

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

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

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

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

**Highlighted text indicates change from last month's report**

Hennepin County Environment and Energy

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# HENNEPIN COUNTY

## MINNESOTA

### Other Hennepin County Programming

#### Subscribe to Conservation Connection to learn opportunities and resources to protect land and water

We recently launched a newsletter, Conservation Connection, focused on rural conservation and land management in Hennepin County. This newsletter will include funding and technical support opportunities, resources, tips, and project features.

The [first edition](#) included information on soil testing, conservation easement and cost-share funding, controlling common and cutleaf thistle, cultivating butterfly weed, fun facts about the norther prairie skink, and more!

[Subscribe to Conservation Connection](#) to receive future updates.

#### Hazardous waste collection events

There are two remaining community collection events in 2023 for county residents to dispose of unwanted garden and household hazardous wastes safely and properly.

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

- August 11 and 12 at Henry High School in Minneapolis
- September 22 and 23 at the Hennepin County Public Works Orono Shop



Before you go, check health and safety guidelines and the list of acceptable materials at: [hennepin.us/collectionevents](https://hennepin.us/collectionevents).