

elm creek Watershed Management Commission

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

April 2, 2025

Representatives

and

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

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

Dear Representatives and Members:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday, April 9, 2025, at 11:30 a.m.** at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN. We will meet in the **Aspen Room** on the main level.

The Technical Advisory Committee (TAC) will meet prior to the regular meeting, at 10:30 a.m.

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

Thank you.



Judie A. Anderson

Administrator

JAA:tim

Encls: Meeting Packet

cc:	Alternates	Erik Megow	Diane Spector	Rebecca Carlson	City Clerks
	TAC Members	Karen Galles	Amy Riegel	Kevin Ellis	Brian Vlach
	DNR	BWSR	Met Council	MPCA	
	Reviewing Agencies			Official Newspaper	

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AGENDA Technical Advisory Committee April 9, 2025 | 10:30 a.m.

1. Call to Order.
 - a. Approve agenda.*
 - b. Approve minutes of last meeting.*
2. 2025 CIPs.*
3. Fourth Generation Plan.
 - a. Preliminary Draft.* A **second draft** of the Fourth Generation Plan has been uploaded to the website at <http://www.elmcreekwatershed.org/watershed-management-plan.html>
 - b. Rules Discussion.* This item has also been uploaded to the website at [Minutes & Meeting Packets - Elm Creek Watershed](#).
4. Other Business.
 - a. New Website Platform.
5. Next TAC meeting – May 14, 2025.
6. Adjournment.

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*in meeting packet
**available at meeting

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Technical Advisory Committee Meeting Minutes | March 12, 2025

I. A meeting of the **Technical Advisory Committee (TAC)** of the Elm Creek Watershed Management Commission was called to order at 10:31 a.m., Wednesday, March 12, 2025, in the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN, by Chair Derek Asche.

Present: Steven Touney, Champlin; Lauren Letsche, Corcoran; Derek Asche, Maple Grove; Michelle Jennings, WSB, Medina; Ben Scharenbroich, Plymouth; Kevin Ellis, Hennepin County Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Diane Spector and Erik Megow, Stantec; and Judie Anderson, JASS.

Not represented: Dayton and Rogers.

Also present: Doug Baines, Dayton, and Jen Dullum Board of Water and Soil Resources, BWSR.

II. Motion by Scharenbroich, second by Touney to approve the **March 12, 2025, meeting agenda** with the addition of item 6.b. Website Platform. *Motion carried unanimously.*

Motion by Scharenbroich, second by Letsche to approve the **minutes of the February 12, 2025, meeting**. *Motion carried unanimously.*

III. **FOURTH GENERATION WATERSHED MANAGEMENT PLAN.***

A. As part of the Fourth Generation Plan public outreach, the TAC members elected not to establish a separate Commission **Citizens Advisory Committee*** (CAC), but for each city to designate one of its existing citizen commissions to serve. The role of the CAC is to provide input and review - a presentation on the general goals and actions in the Fourth Generation Plan at one of their regular meetings and an opportunity to review and provide comment on the overall draft plan either at a subsequent meeting or on their own. The Commission budgeted for Commission staff at one meeting per city; however, some city staff may prefer to present the information using materials provided by Commission staff.

City	CAC	Date	Alt Date	Time
Dayton	Parks & Recreation Commission	April 1	May 6	6:30 pm
Champlin	Environmental Resources Commission	April 7		7 pm
Medina	Planning Commission	April 8	May 13	7 pm
Plymouth	Environmental Quality Commission	April 9		7 pm
Corcoran	City Council	April 10	May 8	7 pm
Maple Grove	Lake Quality Commission	April 16		6:30 pm
Rogers	Planning Commission (staff will present)	May 5		7 pm

B. The Fourth Generation Plan will include a new **Capital Improvement Program*** for the period 2025-2034. Members were requested to submit projects to the CIP, including any that were included in the Third Generation Plan to be carried over. The table on the following page summarizes project submittals by city and subwatershed. It also includes generic projects for planning purposes that are placeholders that will be fleshed out in future years.

The Commission has some policies that define what can and cannot be submitted for CIP or cost share funding. These were provided in the meeting packet for information and include:

- 1. Standards and Guidelines*** that provide guidance on how the information on the form will be used by the TAC as it makes its recommendations to the Commission.
- 2. General CIP Cost Share Policy.***
- 3. Policy on Non-structural Practices*** (such as street sweepers and equipment to reduce the use of chloride).

C. Resiliency and Adaptation.

1. Resiliency Discussion.* A subgroup of TAC members met virtually on February 27, 2025, to review and discuss potential resiliency planning strategies for the Fourth Generation Plan. Heather Nelson and Steven Touney (Champlin), Kent Torve and Lauren Letsche (Corcoran), Derek Asche (Maple Grove) and Ben Scharenbroich (Plymouth) represented a cross-section of developed and developing, upper watershed and lower watershed cities.

2. Goal. The Commission had preliminarily established its resiliency goal as: *Assist member cities in understanding and implementing options for enhancing watershed resiliency for future development.*

- 3. Strategies.**
- a.** Model and periodically re-assess the potential impacts of land use/cover change and a non-static climate on water resources with the best available predictive data.
 - b.** Quantify and qualitatively assess risk and evaluate and implement responses for mitigation.
 - c.** Collaborate with other agencies and organizations on joint efforts to manage impacts both locally and regionally.
 - d.** Develop strategies to appropriately manage future impacts.

4. Met Council has released general draft Policy Plans for the upcoming Imagine 2050 effort that suggest cities will be required to do resiliency planning as part of their Comp Plans, however, there has been no specific guidance as to what that would entail.

5. The Climate Vulnerability Assessment modeling proposed to start in 2028 would use the refined HUC-8 model with the upcoming Atlas 15 precipitation data and proposed 2050 land use information developed by cities in their next Comprehensive Plans to identify future flood-prone areas and areas where more storage and/or abstraction would be beneficial. The subgroup discussed a strategy of Commission cost participation in projects that add upstream runoff storage, and adding some generic resilience/watershed storage and corridor restoration projects to the CIP and performing subwatershed assessments (SWAs) specifically looking at practices to reduce runoff volumes.

There was also discussion on how the Commission could assist the cities as they prepare their Comp Plans, and how there is often a disconnect between land use planning and parks and natural resources planning, and the more “technical” planning such as the stormwater plan. All agreed that it would be beneficial for Staff to introduce this topic to the local CACs at their presentations.

6. Actions 2025-2035.

Phase 1: Resiliency Framework Planning 2025-2028.

Phase 2: Climate Vulnerability and Assessment 2028-2030.

Phase 3: Adaptation Strategy Development and identification 2030-2032.

Phase 4: Adaption Strategy Implementation 2030-2035.

D. Rules. Staff requested volunteers to assist with making “housekeeping” revisions to the Rules document. Ashe and Scharenbroich volunteered. The Rules and Appendices will be presented at the April meeting.

IV. JOINT CHLORIDE MANAGEMENT PLAN.

The Commission partnered with the Shingle Creek and West Mississippi WMOs to submit an Accelerated Implementation Grant (AIG) proposal to the Board of Water and Soil Resources (BWSR). The grant was approved and Shingle Creek, as the fiscal agent for the grant, has now executed a contract with BWSR and received approval of a work plan. At its March 13, 2025, meeting the Shingle Creek Commission will consider approving a Work Order detailing the work that will occur under this contract.

The \$47,455 grant requires a \$4,745.50 match, which will be split among the three watersheds, or \$1,582 per Commission. Staff recommend approving this contribution, to be funded from the Assigned Funds Account for Special Studies.

Motion by Scharenbroich, second by Letsche to recommend this action to the Commission.
Motion carried unanimously.

V. NORTH FORK RUSH CREEK – FOUR CORNERS RESULTS.

The modeling updates and results were shared with the Cities of Corcoran, Rogers, Dayton, and Maple Grove. The latest modeling sets a Base Flood Elevation (BFEs) from Fletcher Lane to the North Fork’s confluence with the South Fork of Rush Creek. The BFEs shared with the Commission and the four member cities represents the best available data for development within the FEMA Zone A.

VI. FISH AND RICE LAKES CARP MANAGEMENT STRATEGIC PLAN.

The WBIF convene group had previously allocated just under \$50,000 to obtain updated carp population and movement data on Fish and Rice Lakes and develop a comprehensive plan for fish management in the lake system. That plan would need to be reviewed and approved by BWSR before expending additional WBIF funds on carp management. Staff have obtained a proposal from WSB, the consultant that did previous carp assessment work on these lakes, for \$49,325 and recommend its approval. The TAC recommended this action to the Commission.


VII. OTHER BUSINESS.

A. Website Platform. The Commission's website was started on Weebly in 2009. Effective July 2025, the Weebly platform will no longer be supported. It is likely that the current website will remain active, but it is unknown how the functionality and ability to undertake updates will be affected. Staff are recommending that the Commission move to a new website platform and are in the midst of investigating alternatives. These will be brought to the TAC and the Commission for consideration in April. Funding for this project will be taken from the unreserved General Fund.

B. The **next meeting** of the Technical Advisory Committee is scheduled for Wednesday, April 9, 2025.

There being no further business, the meeting was adjourned at 11:33 a.m.

Respectfully submitted,



Judie A. Anderson

Recording Secretary

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To: Elm Creek WMO Commissioners
Elm Creek TAC

From: Erik Megow, PE
Diane Spector

Date: April 3, 2025

Subject: Preliminary 2025 CIP

**Recommended TAC/
Commission Action**

TAC: Review proposed revisions to the CIP and make a recommendation to the Commission to proceed to a Minor Plan Amendment.
Commission: Accept TAC recommendation and schedule a Public Meeting on May 14 to consider a Minor Plan Amendment to add projects to the CIP.

Attached is the preliminary CIP reflecting comments received to date. Projects levied in 2024 and proposed for 2026 are also shown for reference.

Note that the Third Generation Plan provides no plan amendment is necessary to reschedule projects from year to year or if the estimated cost increases by less than 125%. The maximum Commission participation is 25% of total project cost, or 100% for lake internal load projects. In 2022 the annual working guideline for the maximum amount to be levied annually was increased to \$750,000.

Requested Revisions

Appendix A's for the projects are attached.

The City of Dayton has proposed a revision to a project added to the CIP for 2025: a Diamond Lake drawdown/alum treatment. The revision eliminates the option for a whole lake drawdown and focuses only on alum treatment and associated SAV management and monitoring.

The City of Maple Grove requests consideration of a project to restore a reach of Rush Creek from Rush Creek Hollow to Fernbrook Lane. This is adjacent to the Rush Creek at Rush Creek Hollow project ordered in 2024.

The City of Corcoran has requested adding to the 2025 CIP cost share to purchase a new street sweeper. The Commission's Cost Share Policy allows this if the equipment provides enhanced street sweeping as a BMP. The Policy provides up to 25% cost share if the equipment is brand new or an addition. If the request is for an upgrade, for example, replacing a simple broom sweeper with a much more efficient regenerative air sweeper, than only the cost of the upgrade is eligible for cost share. In 2020 the Commission shared in the cost of a City of Plymouth sweeper.

Note that if the Commission proceeds according to the CIP as submitted the potential levy in 2025 would be \$1.1 million, exceeding the annual \$750,000 maximum guideline. At a minimum staff recommends no levy in 2025 for the cost share programs as those have adequate fund balances. That would reduce the proposed levy to \$960,000. An option to consider is levying the Diamond Lake project over two years. This would reduce the levy to \$660,000, as shown in the 2025 Recommended column.

These CIP revisions would require a Minor Plan Amendment. That process requires you to notify the member cities, county, and review agencies of the proposed amendment, and then to consider the requests and any comments received at a public meeting (note, this is not a public hearing.) If you wish to proceed, then the Commission should proceed with the MPA process and set the next meeting, May 14, 2025, as the date to discuss the proposed Minor Plan Amendment.

Following adoption of this Minor Plan Amendment, the Commission will establish a maximum levy for 2025, and the Hennepin County Board will consider the proposed amendment and maximum levy, typically in July. The Commission will then call for a public hearing in September on the 2025 projects. if approved, the Commission would certify a levy to Hennepin County at the same time.

Table 2. Elm Creek Third Generation Plan CIP as of April 2025.

CAPITAL IMPROVEMENT PROGRAM	Location	2024	2025	2025 Rec.	2026	Comment
Cost Share Program	Varies	200,000	200,000	0	200,000	
Commission Contribution		100,000	100,000	0	100,000	
Local Contribution		100,000	100,000	0	100,000	
Partnership Cost-Share BMP Projects	Varies	50,000	50,000	0	50,000	
Commission Contribution		50,000	50,000	0	50,000	
Rush Creek Resto- Rush Hollow	Maple Grove	1,600,000				
Commission Contribution		400,000				
Local Contribution		1,200,000				
Diamond Lake Drawdown/Alum	Dayton		1,104,670			Revised by Dayton 2/10/25
Commission Contribution			276,170	<u>330,000</u>	<u>330,000</u>	
Local Contribution			828,500	<u>0</u>	<u>0</u>	
<u>Rush Cr- Rush Hollow to Fernbrook</u>	<u>Maple Grove</u>		<u>800,000</u>	<u>800,000</u>		
<u>Commission Contribution</u>			<u>200,000</u>	<u>200,000</u>		
<u>Local Contribution</u>			<u>600,000</u>	<u>600,000</u>		
<u>Corcoran Sweeper</u>	<u>Corcoran</u>		<u>400,000</u>	<u>400,000</u>		
<u>Commission Contribution</u>			<u>100,000</u>	<u>100,000</u>		
<u>Local Contribution</u>			<u>300,000</u>	<u>300,000</u>		
Recon Bridge at Cartway and Elm Creek	Champlin				2,160,000	
Commission Contribution					250,000	
Local Contribution					1,910,000	
<u>Maple Grove Sweeper</u>	<u>Maple Grove</u>				<u>400,000</u>	
<u>Commission Contribution</u>					<u>100,000</u>	
<u>Local Contribution</u>					<u>300,000</u>	
TOTAL PROJECT COST		1,940,000	2,110,000	1,530,000	3,140,000	
TOTAL COMMISSION SHARE		572,500	1,110,000	630,000	830,000	
TOTAL CITY SHARE		1,367,500	1,000,000	900,000	2,310,000	

EXHIBIT A

**Elm Creek Watershed Management Commission
Capital Improvement Project Submittal**

Revised January 2025

A second page may be used to provide complete responses.

City	Dayton	Date 02/10/2025
Contact Name	Josh Accola, Jason Quisberg	
Telephone	651-395-5236, 763-252-6873	
Email	Joshua.Accola@stantec.com , Jason.Quisberg@stantec.com	
Project Name	Diamond Lake Internal Load Management Design and Implementation	
Project Location	Diamond Lake, Dayton, MN	

	Amount
Total Estimated Project Cost	\$ 660,000
Estimated Commission Share (25%) (May split between years but not exceed \$750,000 in any one year)	\$ 660,000
Other Funding Sources - City Funds	\$ 0
Other Funding Sources (name them) - Other	\$ 0

1. Is project in Member's CIP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Proposed CIP Year = 2025
2. Has a feasibility study or an engineering report been done for this project? If available, attach the feasibility study or relevant section.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Describe the project and its purpose. Attach a location figure. What water resource(s) will be impacted by the project? Implementation of a lake management plan for Diamond Lake including an alum treatment including engineering, design, construction, const. management, legal and permitting components. The project was identified in the Diamond Creek Subwatershed Assessment. The Elm Creek Watershed TMDL identified the need to reduce internal loading in Diamond Lake by 80%, or by 641 lbs annually. Alum treatment will provide internal loading control by sediment inactivation. Alum would be applied in two doses, with the first in 2026 and the second 12-18 months following.	
4. What is the anticipated improvement that would result? (Size of area treated, TP/TSS reduction, other benefits.) 405 acres of Diamond Lake would be treated, and the potential nutrient reduction is conservatively estimated to be 449 lbs/year. The project cost includes follow up and final sediment cores to measure the effectiveness of the treatment.	
5. How does the project contribute to achieving the goals and programs of the Commission? The project would contribute to reducing phosphorus loading from Diamond Lake identified in the TMDL study.	
6. Does the project result from a TMDL or a Subwatershed Assessment? Which one? From both the Elm Creek TMDL and the Diamond Creek Subwatershed Assessment Report.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the project have an educational component? Describe. The project will have a public outreach component that may involve some education into the benefits of the alum treatment and drawdown, but no specific education plan is proposed.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Do all the parties sharing in the cost of the project agree to go forward with this project and is the funding secured? 100% funded by Elm Creek Watershed Management Commission because it is an internal loading project.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

To be completed by staff

Date Reviewed by TAC	Date Added to CIP
CIP Project Number	

EXHIBIT A

**Elm Creek Watershed Management Commission
Capital Improvement Project Submittal**

Revised January 2025

A second page may be used to provide complete responses.

City	Maple Grove	Date 1/27/25
Contact Name	Derek Asche	
Telephone	763.494.6354	
Email	dasche@maplegrovern.gov	
Project Name	Rush Creek from Rush Hollow to Fernbrook Lane	
Project Location	For 1,600 LF west from Fernbrook Lane, North of Co. Rd. 81	

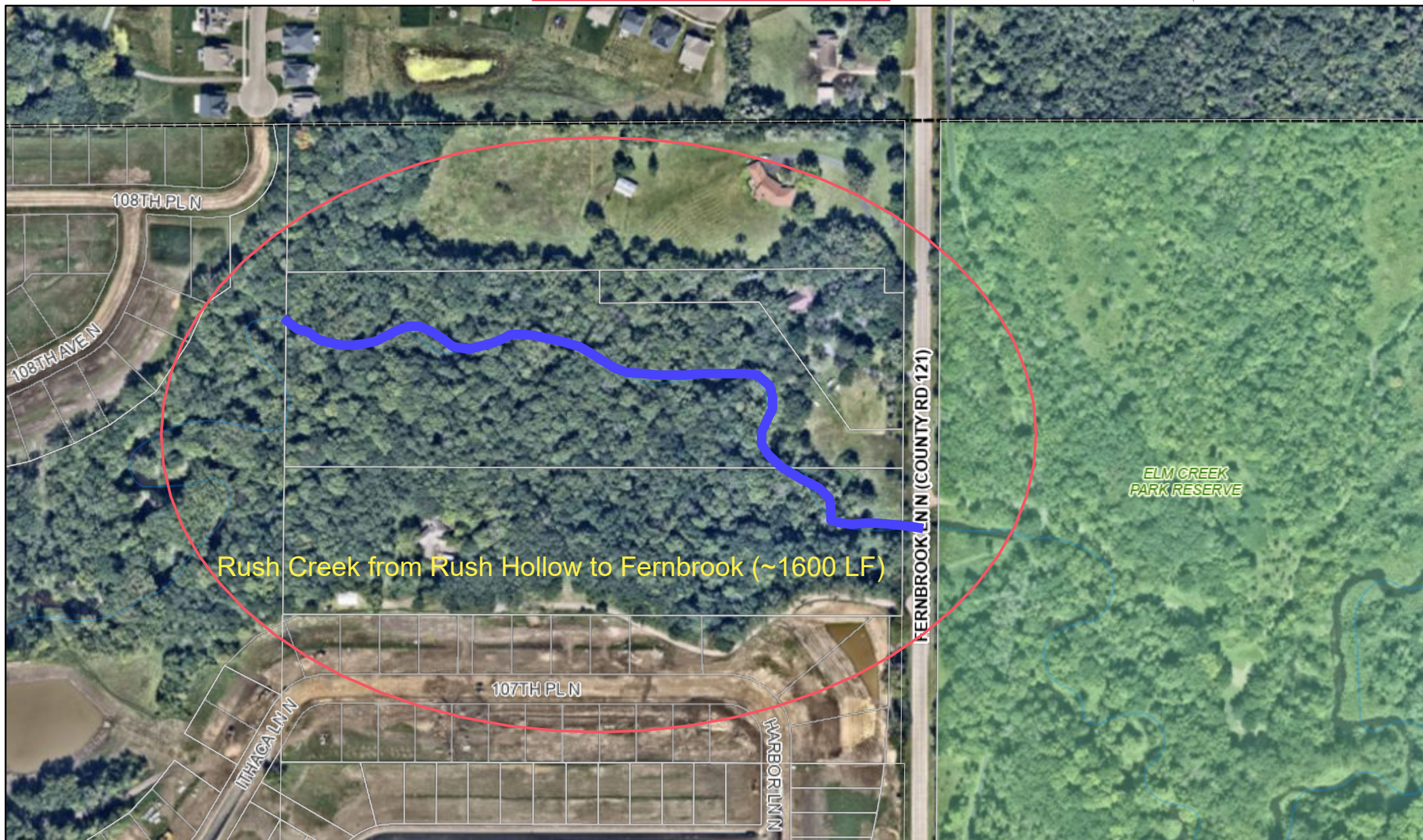
	Amount
Total Estimated Project Cost	\$ 800,000
Estimated Commission Share (25%) (May split between years but not exceed \$750,000 in any one year)	\$ 200,000
Other Funding Sources - City Funds	\$ 600,000
Other Funding Sources (name them) - Other	\$ 0 as of 1/27/25

1. Is project in Member's CIP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Proposed CIP Year = 2026
2. Has a feasibility study or an engineering report been done for this project? If available, attach the feasibility study or relevant section.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Describe the project and its purpose. Attach a location figure. What water resource(s) will be impacted by the project? <i>Stream restoration and erosion repair of Rush Creek downstream of Rush Hollow and to Fernbrook Lane for 1,600 linier feet. The MPCA has identified altered hydrology, altered physical habitat, and excess phosphorus as primary stressors in this reach. Improvements benefit the 1,600 LF of stream, riparian area and downstream resources.</i>	
4. What is the anticipated improvement that would result? (Size of area treated, TP/TSS reduction, other benefits.) <i>Estimated phosphorus reduction of 100 lbs per year, improved riparian environment, improved floodplain connectivity, improved recreation and access to the creek, improved education.</i>	
5. How does the project contribute to achieving the goals and programs of the Commission? <i>The Commission has long supported projects in communities that will improve water resources to reduce or prevent impairments and to reach goals of Total Maximum Daily Load Plans.</i>	
6. Does the project result from a TMDL or a Subwatershed Assessment? Which one? <i>Water quality improvements based on approved TMDL's and MS4 mandates.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the project have an educational component? Describe. <i>A proposed Three Rivers Park District Regional Trail will cross this segment of creek allowing for public access to the newly restored creek. Additional education components can be added.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8. Do all the parties sharing in the cost of the project agree to go forward with this project and is the funding secured?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

To be completed by staff

Date Reviewed by TAC	Date Added to CIP
CIP Project Number	

Rush Creek Stream Restoration
Rush Hollow to Fernbrook Lane
~1600 LF



January 27, 2025

1:4,514

EXHIBIT A

**Elm Creek Watershed Management Commission
Capital Improvement Project Submittal**

Revised January 2025

A second page may be used to provide complete responses.

City	Corcoran	Date 2/21/2025
Contact Name	Lauren Letsche	
Telephone	763-338-9298	
Email	lletsche@corcoranmn.gov	
Project Name	Street Sweeper	
Project Location	City Wide	

	Amount
Total Estimated Project Cost	\$ 395,315.00
Estimated Commission Share (25%) (May split between years but not exceed \$750,000 in any one year)	\$ 98,828.75
Other Funding Sources - City Funds	\$ 296486.25
Other Funding Sources (name them) - Other	\$

1. Is project in Member's CIP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Proposed CIP Year = 2025
2. Has a feasibility study or an engineering report been done for this project? If available, attach the feasibility study or relevant section.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>3. Describe the project and its purpose. Attach a location figure. What water resource(s) will be impacted by the project?</p> <p>Street sweeping is one of the most cost-effective best management practices for improving water quality and reducing pollutant loading to Rush Creek. This also helps improve the TMDL for Elm Creek by removing additional TSS & TP from the watershed. Corcoran would like to develop their street sweeping program. The city is growing at a rapid pace. Corcoran would like to have a program in place as the city continues to grow. Corcoran is committed to addressing water quality concerns with the continued growth. On average the city has added approximately 2 centerline miles per year over the last decade and it's expected to continue this trajectory in foreseeable future.</p>	
<p>4. What is the anticipated improvement that would result? (Size of area treated, TP/TSS reduction, other benefits.)</p> <p>There are approximately 50 paved centerline miles (~100 curb miles) in the City of Corcoran within the Elm Creek Watershed. The Stormwater Manual has guidance for calculating pollutant removals from Street Sweeping. The following are pollutants that would be removed.</p> <p>Phosphorus = 30 pounds per sweep or 60 pounds per year. Nitrogen = 150 pounds per sweep or 300 pounds per year Chloride = 6 pounds per sweep or 13 pounds per year</p> <p>The city will start with two sweeps per year but will review the effectiveness of the program annually and adjust as necessary as the city continues to grow.</p>	
<p>5. How does the project contribute to achieving the goals and programs of the Commission?</p> <p>The goal of this purchase is to help reduce pollutant loading to Rush Creek. Additionally, it could be used to help expand public education regarding street sweeping, TMDL's and its effectiveness to reduce pollutants in our natural resources.</p>	
6. Does the project result from a TMDL or a Subwatershed Assessment? Which one? Elm Creek Watershed TMDL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the project have an educational component? Describe. The City is committed to educating the public on the benefits of street sweeping for water quality through our	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

website, newsletters and social media. Including Elm Creek Watershed Management Commission in the public education effort will help further the goals and benefits of street sweeping.	
8. Do all the parties sharing in the cost of the project agree to go forward with this project and is the funding secured? It is being considered for an equipment bond at the City Council Meeting on 3/13/2025	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

To be completed by staff

Date Reviewed by TAC	Date Added to CIP
CIP Project Number	

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EXHIBIT A

**Elm Creek Watershed Management Commission
Capital Improvement Project Submittal**

*(This submittal will be rated on its completeness and adherence to the goals of the Commission.
A second page may be used to provide complete responses.)*

City	Champlin	
Contact Name	Heather Nelson	
Telephone	763-923-7120	
Email	hnelson@ci.champlin.mn.us	
Address	11955 Champlin Drive	
Project Name	Reconstruct Bridge at Cartway and Elm Creek	
Project Location	Cartway Road and Elm Creek	
	1. Is project in Member's CIP? (X) yes () no	Proposed CIP Year = 2024
	2. Has a feasibility study or an engineering report (circle one) been done for this project? () yes (X) no	
		Amount
	Total Estimated Project Cost	\$2,160,000
	Estimated Commission Share (up to 25%, not to exceed \$250,000)	\$250,000
	Other Funding Sources (MSA, City Funds)	\$1,910,000
		\$2,160,000
	3. What is the scope of the project? Reconstruction of the bridge crossing where Cartway Road crosses Elm Creek.	
	4. What is the purpose of the project? What water resource(s) will be impacted by the project? Reconstruction of the bridge to maintain transportation network, as this is a major roadway crossing of Elm Creek within the City of Champlin. Elm Creek will temporarily be impacted during construction.	
	5. What is the anticipated improvement that would result from the project? (Include size of area treated and projected nutrient reduction.) Maintain hydraulic flow of Elm Creek	
	6. How does the project contribute to achieving the goals and programs of the Commission? The project contributes to achieving the goals of the commission by maintaining or improving water quantity flow rates within Elm Creek.	
0/10	7. Does the project result from a regulatory mandate? () yes (X) no How?	
0/10/20	8. Does the project address one or more TMDL requirements? () yes (X) no Which?	
0/10/20	9. Does the project have an educational component? () yes (X) no Describe.	
0/10	10. Do all the LGUs responsible for sharing in the cost of the project agree to go forward with this project? (X) yes () no Identify the LGUs.	
10/20	11. Is the project in all the LGUs' CIPs? (X) yes () no	
1-34	(For TAC use) 12. Does project improve water quality? (0-10) 13. Prevent or correct erosion? (0-10) 14. Prevent flooding? (0-5)	15. Promote groundwater recharge? (0-3) 16. Protect and enhance fish and wildlife habitat? (0-3) 17. Improve or create water recreation facilities? (0-3)
TOTAL (poss 114)	Adopted April 11, 2012 Revised May 2019	

EXHIBIT A

**Elm Creek Watershed Management Commission
Capital Improvement Project Submittal**

Revised January 2025

A second page may be used to provide complete responses.

City	Maple Grove	Date 1/28/25
Contact Name	Derek Asche	
Telephone	763.494.6354	
Email	dasche@maplegrovern.gov	
Project Name	Regenerative Air Street Sweeper	
Project Location	Local Roads in the Elm Creek Watershed	

	Amount
Total Estimated Project Cost	\$ 400,000
Estimated Commission Share (25%) (May split between years but not exceed \$750,000 in any one year)	\$ 100,000
Other Funding Sources - City Funds	\$ 200,000
Other Funding Sources (name them) - Shingle Creek Watershed	\$ 100,000

1. Is project in Member's CIP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Proposed CIP Year = 2026
2. Has a feasibility study or an engineering report been done for this project? If available, attach the feasibility study or relevant section. Supported by MN Stormwater Manual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Describe the project and its purpose. Attach a location figure. What water resource(s) will be impacted by the project? The City is looking to purchase a high-efficiency street sweeper to increase swept miles per year and improve street sweeping efficiency to reduce pollutant loading to Elm Creek, Fish Lake, Rice Lake, Edward Lake and Weaver Lake. Street sweeping is one of the most cost-effective best management practices for improving water quality and reducing pollutant loading.	
4. What is the anticipated improvement that would result? (Size of area treated, TP/TSS reduction, other benefits.) There are 303 centerline (606 curb miles) in the City of Maple Grove within the Elm Creek Watershed. As such, the following are the estimated pollutant removals from this practice based on the Minnesota Stormwater Manual. Phosphorus = 450 pounds per sweep or 900 pounds per year Nitrogen = 3000 pounds per sweep or 6,000 pounds per year Chloride = 75 pounds per year or 150 pounds per year.	
5. How does the project contribute to achieving the goals and programs of the Commission? The goal of this purchase is to help reduce pollutant loading to Elm Creek, Fish Lake, Rice Lake, Edward Lake and Weaver Lake and to work towards TMDL goals and to maintain protection for lakes like Fish that have been delisted. A secondary goal would be to expand public education regarding street sweeping.	
6. Does the project result from a TMDL or a Subwatershed Assessment? Which one? Elm Creek Watershed TMDL's for Fish and Rice Lakes and Elm Creek.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the project have an educational component? Describe. The presence of additional street sweeping throughout the spring, summer, and autumn months exemplifies the importance of cleaning what gets onto the street and is highly visible to the public. Additionally, the City is committed to educating the public on the benefits of street sweeping for water quality through our website, newsletters, lake associations and videos.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Do all the parties sharing in the cost of the project agree to go forward with this project and is the funding secured?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

To be completed by staff

Date Reviewed by TAC	Date Added to CIP
CIP Project Number	

Z:\Elm Creek\CIPs\Exhibit A_Updated March 15 2024.doc

To: Elm Creek TAC

From: Erik Megow, PE
Diane Spector

Date: April 3, 2025

Subject: Fourth Generation Plan Update

Recommended TAC Action

Discuss and provide direction.

Second Draft

A second draft of the plan and the appendices is available and has been uploaded to the website at elmcreekwatershed.org/watershed-management-plan.html. There are a few odds and ends to finish but at this time we expect that at the May meeting we will be ready to send out the plan to cities for INFORMAL review. This is an opportunity for cities to submit comments for consideration before the formal 60-Day Review period begins in June. We're also prioritizing obtaining public review and input in April-May. Please take some time before the May meeting to read through the documents and note your questions and comments. You can forward those to Judie at any time.

Rules

Two TAC members volunteered to review the proposed housekeeping changes to the Rules and pointed out some provisions that they'd like to discuss further at the April 9 TAC meeting. We'd like to have a discussion on these, which are attached. Some are straightforward while a few are more significant revisions. The marked up rules are available at [Minutes & Meeting Packets - Elm Creek Watershed](#).

1. Thresholds for land disturbance adjacent to or containing a lake wetland or watercourse or floodplain – any size or exempt SFH?
2. Should single family homes not part of common development be exempt from watershed rules all together?
3. If Rule E (erosion control) is the only rule triggered should the Commission defer review to the city?
4. Should abstraction details, low elevation details, etc. be moved out of the rules and into a design standards document?

Floodplain

5. Use of the “Commission’s flood study” and how and why do we use it and should we? Appears to refer to 2007 modeling done by SEH. Is that superseded by the HUC-8 model?
6. Should floodplain compensatory storage be computed and provided at each contour of fill?
7. Revisit the rules revised in 2022 regarding minimum low floor/low opening elevations for properties adjacent to ponds or waterbodies where there is not regulatory-defined floodplain. Dig up Ross’ old flow chart?
8. How does the applicant demonstrate floodplain alteration or filling does not cause a net decrease in storage or alter timing of flooding unless it can be shown that if everyone would do something similar there would not be new flooding or high water or restricted flows?

Wetland Buffers

9. There is a lot of language in the wetland buffer rule regarding short- and long-term maintenance and encroachment that is better suited to the cities to enforce. Can it be removed and just leave the ‘this is what constitutes an acceptable buffer’?
10. Since most wetland replacement plans are purchases of wetland credits and very rarely mitigation, should the rules specify that is the preferred method and delete all the mitigation language and sequencing?

Other

11. Eliminate requirement for the maintenance agreement to indemnify the Commission from claims arising because of the project review?
12. Eliminate references to “encourage the use of natural resources for storing runoff”