

elm creek Watershed Management Commission

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

June 5, 2024

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, June 12, 2024, at 11:30 a.m.** at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN. This month we will meet in the **Birch Room** on the main level.

During the regular meeting, the Commissioners must adopt its 2025 Operating Budget.

The Technical Advisory Committee (TAC) will meet at **10:00**, prior to the regular meeting.

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	James Kujawa	Rebecca Carlson
	TAC Members	Karen Galles	Kris Guentzel	Kevin Ellis	Brian Vlach
	City Clerks	DNR	BWSR	Met Council	MPCA
	Reviewing Agencies			Official Newspaper	

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AGENDA Regular Meeting | June 12, 2024

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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.*
3. Open Forum.
4. Project Reviews.
5. Action Items.
 - a. Set 2024 Maximum Levy.*
 - b. 2025 Operating Budget.*
 - 1) 2023 YE Fund Balances.*
6. Fourth Generation Plan.*
 - a. Agency Input Summary.*
 - b. Draft Third Generation Self Assessment.*
7. Old Business.
8. New Business.
9. Communications.
 - a. Staff Report.*
 - b. Hennepin County Staff Report.*
10. Education.
 - a. WMWA Update.**
 - b. WMWA - next meeting – July 9, 2024, at 8:30 a.m., via Zoom.
11. Grant Opportunities and Updates.
 - a. 2024 Watershed-Based Implementation Funding (WBIF). Next Convene meeting =
12. Project Reviews.

Project No.	Project Name		Project No.	Project Name
2014-015	Rogers Drive Extension.		2023-011	Sundance Greens 9th, Dayton.
2016-005W	Ravinia Wetland Bank Plan, Corcoran.		2023-013	River Valley Church, Maple Grove.
2017-050W	E Mayers Wetland/floodplain viola, Corc		2023-015	South Fork Rush Creek Evanswood, M Grove

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

2018-046	Graco, Rogers.		2023-022	Shores of Sylvan Lake, Rogers.
2020-009	Stetler Barn, Medina.		2023-023	NORSQ, Maple Grove.
2020-017	Meadow View Townhomes, Medina.		2023-025	Rogers Mixed Use Improvement.
2020-033	Weston Woods, Medina.		2023-028	Rush Creek Hollow, Maple Grove.
2021-020	Crew Carwash, Maple Grove.		2023-029	Dayton Field 4th Addition.
2021-029	Tri-Care Grocery / Retail, Maple Grove		2023-030	Woodland Hill of Corcoran.
2021-034	BAPS Hindu Temple, Medina.			
2022-006	Hamel Townhomes, Medina.		2024-001	Saddle Ridge, Rogers.
2022-011	Arrowhead Drive Turn Lane Expn, Medina.		2024-002	The Meadows Park, Plymouth.
2022-017	City Center Drive, Corcoran.	A E	2024-003	Rogers Apartments.
2022-018	Big Woods, Rogers.		2024-004	Dayton River Road Turn Lane.
2022-022	Cook Lake Highlands, Corcoran.		2024-005	Rush Hollow North, Maple Grove.
2022-028	Elsie Stephens Park, Dayton.		2024-007	Eagle Brook Church, Plymouth.
2022-040	Kariniemi Meadows, Corcoran.		2024-008	Rogers HS Stadium Improvements.
2022-043	Meander Park and Boardwalk, Medina.		2024-009	Heritage Christian Academy, Maple Grove.
2023-001	Chankahda Trail Recon Phase 2, Plymouth.		2024-010	Corcoran Storage II.
2023-009	Magnifi Financial, Maple Grove.		2024-011	Jaeger-Jordan Ditch Stabilization, Dayton.
2023-010	Rogers New Fire Station.		2024-012	Dayton Interchange.
2023-020	Dunkirk Square, Maple Grove.	A E	2024-013	Red Barn Pet Retreat, Corcoran.
		A E	2024-014	Schmidt Woods Park, Plymouth.
		A E	2024-015	Hennessy Grove, Maple Grove.

13. Other Business.

14. Adjournment.

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MINUTES

Regular and Public Meetings | May 8, 2024

I. CALL TO ORDER. A meeting of the Elm Creek Watershed Management Commission was called to order at 11:38 a.m., Wednesday, May 8, 2024, in the Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN, by Chair Doug Baines.

Present: Bill Walraven, Champlin; Ken Guenther, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Terry Sharp, Medina; Catherine Cesnik, Plymouth; and David Katzner, Rogers.

Also present: Josh Accola, Stantec, Dayton; Mark Lahtinen, Maple Grove; Ben Scharenbroich, Plymouth; Andrew Simmons, Rogers; Erik Megow and Diane Spector, Stantec; Rebecca Carlson, Resilience Resources; Kevin Ellis, Hennepin County Environment and Energy (HCEE); Jen Dullum, BWSR; Amy Juntunen, JASS; and Carol Barclay, League of Women Voters, Council of Metropolitan Area Leagues.

II. AGENDA. Motion by Trainor, second by Walraven to approve the Agenda as presented. *Motion carried unanimously.*

A. Motion by Guenther, second by Trainor to approve the **Minutes* of the April 10, 2024, meeting.** *Motion carried unanimously.*

B. Motion by Guenther, second by Walraven to approve the **May Treasurer's Report and Claims*** totaling \$44,304.40. *Motion carried unanimously.*

III. OPEN FORUM.

IV. PUBLIC MEETING.

[The public meeting was opened at 11:43 a.m.]

On April 10, 2024, the Commission initiated a Minor Plan Amendment to the Third Generation Watershed Management Plan, adding two projects to the CIP and revising the cost of one existing project. This proposed revision is set forth in the *Notice of Minor Plan Amendment* included in Staff's May 2, 2024, memo.* The full CIP encompassing the proposed revisions as well as other housekeeping revisions proposed by the cities was included for information.

The purpose of this meeting is to discuss the proposed Minor Plan Amendment and any comments received prior to or at a public meeting. (Note, this is not a formal public hearing.) After that discussion, the Commission may consider a resolution adopting the Minor Plan Amendment contingent on the County Board approving the CIP portion of Minor Plan Amendment, which will be heard at a Board hearing in June-August 2024. As of this date, no comments have been received. No one was present to speak to the proposed amendment.

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

The City of Dayton has submitted two projects to add to the CIP for 2025: a Diamond Lake drawdown/alum treatment and a French Lake drawdown. Both of these projects were recommendations in the Diamond Creek Subwatershed Assessment and some preliminary design work has already been completed.

Maple Grove requests that the Rush Creek Hollow Stream Restoration project cost be increased from \$1 million to \$1.6 million. It was originally submitted at \$1.6 million but was reduced to \$1 million at the time the CIP was revised in 2023. It was noted during discussion that the stretch of stream not within the Rush Creek Hollow development area will come before the Commission in 2025.

At their meeting preceding this one, members of the Technical Advisory Committee (TAC) recommended approval of the Minor Plan Amendment as written.

Motion by Guenther, second by Walraven to adopt **Resolution 2024-01 Adopting a Minor Plan Amendment to the Third Generation Plan.*** *Motion carried unanimously.*

[The Public Meeting was closed at 11:48 a.m.]

[Cesnik arrived 11:49 a.m.]

V. PROJECT REVIEWS.

A. 2024-009 Heritage Christian Academy, Maple Grove.* The site is located at 15655 Bass Lake Road, west of the Bass Lake Road and Vicksburg Lane intersection and east of Nottingham Parkway. The proposed project consists of an expansion of the existing Heritage Christian Academy parking lot and a building addition. The project will disturb 3.0 acres of the 14.2-acre site. Site improvements include mass grading, construction of a building addition, construction of a parking lot addition, concrete sidewalk, curb and gutter, underground storage chamber, erosion control, and landscaping. The project triggers Rules D and E. A finding of facts memo dated April 30, 2024, is included in the May packet for Commission approval with the standard conditions of escrow reconciliation and an approved operation and maintenance plan for the underground stormwater system. Motion by Trainor, second by Cesnik to approve this project with those conditions. *Motion carried unanimously.*

B. 2024-010 Corcoran Storage II, Corcoran.* This is a 4.87-acre site located at 23730 Highway 55. The parcel is on the north side of the highway west of CR 19. It is located at the very edge of the Elm Creek Watershed border with the Pioneer-Sarah Creek Watershed border on the west and south edges of the parcel. The project appears to drain locally to the north and northwest to a small ditch, and then to a creek which drains south to the Pioneer-Sarah Creek WMO. The applicant proposes construction of a self-storage facility on the currently agricultural parcel. Existing site impervious is 0.12 acres, 2.73 acres of total impervious is proposed post project. The proposed project will disturb most of the parcel (4.8 of 4.87 acres). In their findings dated April 24, 2024, Staff recommends approval with three conditions: 1) escrow reconciliation; 2) updated wetland buffer monumentation on the site plans; and 3) a maintenance plan and

agreement as required by the City. Motion by Guenther, second by Walraven to approve this project as recommended. *Motion carried unanimously.*

C. 2024-011 Jaeger Jordan Ditch Stabilization Dayton.* This 5.96-acre site straddles two adjacent private parcels but is located primarily at 16630 Dayton River Road northwest of Vicksburg Lane. Both parcels drain to the Mississippi River. The applicant proposes stabilizing a ditch, which is not a public water, that drains to the Mississippi River with bank toe stabilization and grade control structures using rip-rap. The project, which includes limited tree clearing to facilitate the work, disturbs 0.66 acres. It will reduce existing sediment loading due to erosion in the ditch and reduce impacts of a recently upsized culvert under Dayton River Road which drains to the ditch. The project adds no new or reconstructed impervious. In their findings dated April 24, 2024, Staff are recommending approval with three stipulations: 1) escrow reconciliation, 2) complete erosion control plan details, and 3) provision by the City of title documentation on the BMP at Elsie Stephens Park used for floodplain mitigation which note this volume is compensation for the ravine stabilization. Motion by Katzner, second by Sharp to approve project 2024-011 with these three stipulations. *Motion carried unanimously.*

D. 2024-012 Dayton Interchange, Dayton.* This project is located on a 10.28-acre parcel at 17600 Territorial Road at the intersection of Holly Lane and Dayton Parkway. The site is situated at the northern edge of the Rush Creek subwatershed, just inside its edge with the Diamond Creek subwatershed. The parcel is between CR 81 and I94 east of Dayton Parkway directly south of French Lake. The applicant proposes converting the existing site, which has been used for parking and currently houses a cell tower and stormwater pond, to an industrial development containing one 132,100 square foot building and associated access, stormwater and parking. The proposed project disturbs 9.36 acres resulting in 7.24 acres of impervious area post project, a reduction from the existing 8.32 acres of impervious (net reduction of 1.1 acres of impervious). In their findings dated April 24, 2024. Staff recommend approval of the project with the standard conditions: 1) escrow reconciliation; 2) an operation and maintenance plan as required by the City, and 3) any other outstanding city requirements. Motion by Walraven, second by Trainor to approve this project as recommended. *Motion carried unanimously.*

VI. 2025 OPERATING BUDGET.

Staff's May 2, 2024, memo* outlines a proposed draft budget for 2025. The proposed budget shown in **Table 1** on pages 4 and 5 of the memo separates the operating expenses from the capital and other non-operating expenses and revenues, which are accounted for separately and which will be reviewed in June.

The 2025 budget as proposed is a continuation of the programs and activities undertaken in 2024, with some slight modifications. The overall proposed 2025 operating budget is about a \$3,800 decrease over the 2024 budget, mainly due to assumptions about project review costs. However, some budget modifications are also proposed:

The budget includes a proposed increase in the administrative budget, which has only been modestly increased in the past several years. In the meantime, there has been an increase

RULE D - STORMWATER MANAGEMENT
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in the number of TAC, WBIF and other meetings, and project and grant accounting has grown more complex. Generally, the amount of day-to-day business has increased over the past several years.

Meeting expense has increased with the increased cost of the meeting rooms.

The costs and revenues shown for project reviews in 2025 are based on the revised fee structure and our experience over the last few years. Some of the previous budgets simply brought forward old numbers, and in some cases overestimated costs and potential revenues. The Commission remained fairly constant at the number of project reviews until last year, with only 30 projects vs. 48-54 in the three previous years. This year Staff is estimating the number at 30-40.

Numbers for TRPD monitoring will be adjusted based on numbers supplied by Brian Vlach earlier this week. Regular monitoring will increase by about \$3,600.

USGS bills biannually but expects full payment at time of invoice, thus the erratic expenditure history.

One source of revenue that has, in the past, helped to subsidize the member assessments is investment interest. A combination of higher interest rates and a significant fund balance resulted in significant interest income in past years. As projects are completed and the Commission pays out levy and grant funds for those projects, interest earnings will fall.

The 2025 budget as proposed includes a 4.7% increase in city assessments. There was no increase in 2024. The proposed 2025 budget assumes a \$15,000 contribution from cash reserves. The Commission's Comprehensive Fund Balance Policy requires that the Commission maintain a cash reserve equal to either 50% of annual operating revenues or five months of operating expenses. Using the 2024 budget, that minimum reserve balance would be about \$157,000. According to the annual audit, the Unrestricted Fund Balance at the end of 2022 was \$141,927. However, there was also an unusually high project review fees escrow liability of nearly \$80,000 that had not yet been collected.

While the 2023 year-end balance is still under audit, it appears likely that the Commission currently maintains more than adequate cash reserves, especially since it appears at year end the budget ended with a \$58,000+ surplus due to interest earnings. Staff expect to have updated balance figures at the June meeting.

Table 2 details the proposed member city assessments for 2025 compared to previous years. The 2025 assessments are based on the revised legal boundary. It is not possible to do an apples-to-apples comparison of 2024 to 2025 to evaluate the impact of the boundary change on the assessments.

Assessments are based on share of taxable market value, and the table shows the taxable market value within each city's share of the watershed for 2024 compared to the 2023 value prior to the boundary change. While there is some variability year to year in market value and

that variability is uneven across the cities, it is likely that a good share of the annual change this year was from the boundary revision.

Staff seek feedback on the budget, specifically whether the 4.7% increase is reasonable or if more should be contributed from reserves? The budget does not rely on an interest income windfall, although it may continue for another 2-3 years.

Staff estimated an operating surplus of \$58,000 in 2023, a small surplus in 2024 and no surplus in 2025, but will need a revision for monitoring costs. The TAC reviewed the numbers and was amendable to the 4.7% assessment increase, revised if necessary to accommodate the increase in monitoring costs.

Staff will make suggested and necessary revisions and provide a final draft budget at the June meeting, at which time the 2025 Operating Budget must be approved and sent to the cities.

VII. OLD BUSINESS.

Fourth Generation Plan. Spector reported that the 60-day notice has been sent out to the reviewing agencies for input as to what they want included in the Fourth Generation Plan. We have only received feedback from the Pollution Control Agency (PCA). We expect other responses to come in at the last minute. Staff will collect the responses for the June meeting, provide an encapsulation of what the Commission has accomplished under the Third Gen Plan; and discuss what the agencies and the Commissions want to see in the next Plan.

VIII. EDUCATION AND PUBLIC OUTREACH.*

West Metro Water Alliance (WMWA) will meet via Zoom at 8:30 a.m., May 14, 2024.

IX. COMMUNICATIONS.

A. Staff Report.* Staff reports provide updates on the development projects currently under review by Staff. The projects listed in the table on page 8 of these minutes are discussed in the May 1, 2024, report.

B. Hennepin County Staff Report.*

1. Christian Settling Basin, Dayton. The comment period has expired with no major comments on impact to wetland. Project is now in the contracting phase. Discussions with the contractor have confirmed the scope, budget and timeline. Installation is on track for late May or early June.

2. Bottema Wetland Restoration, Corcoran. The design team, consisting of county staff and two engineers at Houston Engineering, continue to work on designs for the wetland outlet structures that were damaged in last fall's severe rains. The project is still on pace for summer implementation.

3. Van Asten Cover Crops, Dayton. Hennepin County is currently in the contracting phase for the Soil Health Incentive Program to establish an approved warm season cover crop mix. Using program funds, the cover crop mix will be planted no later than June 1.

4. The **Project Funding Table** has been updated to reflect activity that occurred last month.

5. The last two pages of the report describe other **County programming**.

X. GRANT OPPORTUNITIES.

A. The Board of Water and Soil Resources (BWSR) biennially appropriates funding for a program called **Watershed-Based Implementation Funding (WBIF)**. WBIF funding is allocated to targeted watersheds to be distributed according to guidelines agreed upon by the eligible entities in the allocation area (“the Partnership”). The Elm Creek allocation for fiscal year 2024-2025 is **\$373,590**, which will become available July 1, 2024. A minimum 10% match is required. The second Convene meeting is scheduled for Monday, May 13, 2024, at 1:00, via Zoom.

B. Long-Term Natural Resource Protection.* Protecting and connecting the last-best natural areas within Hennepin County is a vision that has long been shared by Hennepin County, Three Rivers Park District and its natural resource partners like the Elm Creek Watershed Management Commission and its member communities. The data and tools to accomplish this, however, are difficult to access, have become outdated, and are not easily understood and applied by those who are routinely making and influencing land use decisions and investments.

This proposal,* put together by members of the County’s Dept. of Environment and Energy, is part of a multi-phase partner coalition aimed at better facilitating collaboration and enhancing vital natural resource networks across the county. The proposal will develop better interactive mapping tools, a centralized clearinghouse for natural resources data and best practices, and provide technical assistance from trusted partners that is more readily available and tailored to local needs.

Crucial to the Commission’s purpose and future objectives, the project will help the Commission, its member cities, and County staff evaluate and prioritize opportunities to work with communities and developers to find opportunities to go above and beyond Commission requirements to improve water quality and protect and restore natural resources. Identification of these opportunities has become an important theme in County and Commission cooperative agreements over the last several years as we seek to align goals and actions to eliminate water quality impairments and make progress toward TMDL goals. Knowing where these opportunities exist (e.g., projects from subwatershed assessments) and influencing projects has become increasingly important as our region has started to experience the impacts of climate change. Building climate resiliency into new construction and redevelopment, when possible, will insulate water quality improvements from the effect of changing precipitation patterns. It will also help protect public infrastructure from the impacts of climate change.

Hennepin County and Three Rivers Park District are building a coalition of partners to elevate the role of natural systems in ensuring that Hennepin County remains resilient, healthy, and thriving as rainfall patterns become more extreme in a changing climate. Coalition partners will include cities, park districts, watersheds, nonprofit organizations, and private developers.

Advancing a unified and deliberate countywide vision for protecting, restoring, and managing natural resources will contribute to a sustainable and healthy community that supports well-being, housing, economic prosperity, and engaged communities. The Coalition will:

- 1) Improve data to be ready for the 2050 comprehensive plan cycle, which will set land use, transportation, housing, parks, and water resources policy for the next few decades.
- 2) Create a countywide natural resources priority and opportunity map that is informed by local knowledge and data, not limited by jurisdictional boundaries, and reflects the interconnectedness and complexities of natural communities and waterways.
- 3) Build a collaboration framework that identifies how each partner can remain dedicated to their jurisdictional role while identifying opportunities and potential partners for broader impact.
- 4) Develop tools that are readily accessible and easy to understand when opportunities and challenges arise.
- 5) Share resources and expertise to help partners integrate the map, data, and tools into day-to-day operations and decision making
- 6) Practice bold and courageous leadership in advocating for changes to policies and priorities that center the full value of natural systems

County and Park District staff are hosting an interactive workshop for planning and natural resources staff. The workshop will begin the process of expanding the Coalition and will gather local knowledge and data that will inform the countywide priority and opportunity map. Staff from several ECWMC member communities received invitations. Space is limited but contact to Karen Galles (Karen.Galles@hennepin.us) if you are interested in attending. Additional opportunities to provide input will also be available over the next several months.

County and Park District staff are requesting a Letter of Support for the grant proposal to the Legislative Citizens Commission on Minnesota's Resources (LCCMR). A suggested template for the letter and a 2-page description of the grant proposal* were also included in the meeting packet. A Letter of Support does not imply financial commitment or a commitment of any other kind on the part of the commission.

Motion by Guenther, second by Cesnik to approve sending the letter of support. *Motion carried unanimously.*

[Trainor and Katzner departed 12:56 and 12:58 p.m., respectively.]

XI. OTHER BUSINESS.

RULE D - STORMWATER MANAGEMENT
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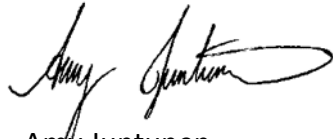
elm creek Watershed Management Commission

Regular Meeting Minutes | May 8, 2024

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XII. ADJOURNMENT. There being no further business, the meeting was adjourned at 1:05 p.m.

Respectfully submitted,



Amy Juntunen
Recording Secretary
AAJ:tim

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

To: Elm Creek WMO Commissioners/TAC
From: Budget Committee
Date: May 2, 2024
Subject: Proposed 2025 Budget

**Recommended
Commission Action**

Review and discuss. You may move adoption of the proposed 2025 budget with any proposed revisions from the floor or hold over for action at the June 12 meeting.

According to the Joint Powers Agreement, the Commission must on or before June 15 of each year adopt a budget for the coming year. Typically, the Commission considers a preliminary budget in May of each year, either adopting it at the May meeting or holding over action to the June meeting. The budget must be transmitted along with notice of the apportionment of costs to each city by July 1. Member cities then have until August 15 to comment on or raise objections to the budget. If no objections are submitted, the budget proceeds as adopted. If objections are submitted in writing, then the Commission must hold a public hearing to consider modifying the budget or proceeding with no change.

The draft budget is presented to you for your review and discussion. If you are comfortable, you may elect to adopt the budget with any revisions agreed to at the May 8 meeting, or you may hold over approval until the June 12 meeting.

The proposed budget shown in Table 1 separates the operating expenses from the capital and other non-operating expenses and revenues, which are accounted for separately and which will be reviewed in June. This separation allows you to more clearly determine if your assessments and project review fees are adequately funding operating expenses, or whether you are operating a deficit or surplus. It is analogous to a governmental General Fund budget rather than an all funds, balance sheet style.

The 2025 budget as proposed is a continuation of the programs and activities undertaken in 2024, with some slight modifications. Figure 1 shows the proposed operating budget by expenditure category, while Table 1 shows the proposed operating budget by line item. The overall proposed 2025 operating budget is about a \$3,800 decrease over the 2024 budget, mainly due to some assumptions about project review costs. However, some budget modifications are proposed:

1. The budget includes a proposed increase in the administrative budget, which has only been modestly increased in the past several years. In the meantime, there has been an increase in the number of TAC, WBIF, and other meetings and project and grant accounting has grown more complex.
2. The costs and revenues shown for project reviews in 2025 are based on the revised fee structure and our experience over the last few years. Some of the previous budgets simply brought forward old numbers, and in some cases overestimated costs and potential revenues.

3. Some adjustments have been made to individual line items based on past experience and based on the increasing cost of doing business.
4. One source of revenue that has in the past helped to subsidize the member assessments is investment interest. A combination of higher interest rates and a significant fund balance resulted in significant interest income in past years. As projects are completed and the Commission pays out levy and grant funds for those projects, interest earnings will fall.

The 2025 budget as proposed includes a 4.7% increase in city assessments. There was no increase in 2024. The proposed 2025 budget assumes a \$15,000 contribution from cash reserves. The Commission’s Comprehensive Fund Balance Policy requires that the Commission maintain a cash reserve equal to either 50% of annual operating revenues or five months of operating expenses. Using the 2024 budget, that minimum reserve balance would be about \$157,000. According to the annual audit, the Unrestricted Fund Balance at the end of 2022 was \$141,927. However, there was also an unusually high project review fees escrow liability of nearly \$80,000 that had not yet been collected. While the 2023 year-end balance is still under audit, it appears likely that the Commission currently maintains more than adequate cash reserves, especially since it appears at year end the budget ended with a \$58,000+ surplus due to interest earnings. We expect to have updated balance figures at the June meeting.

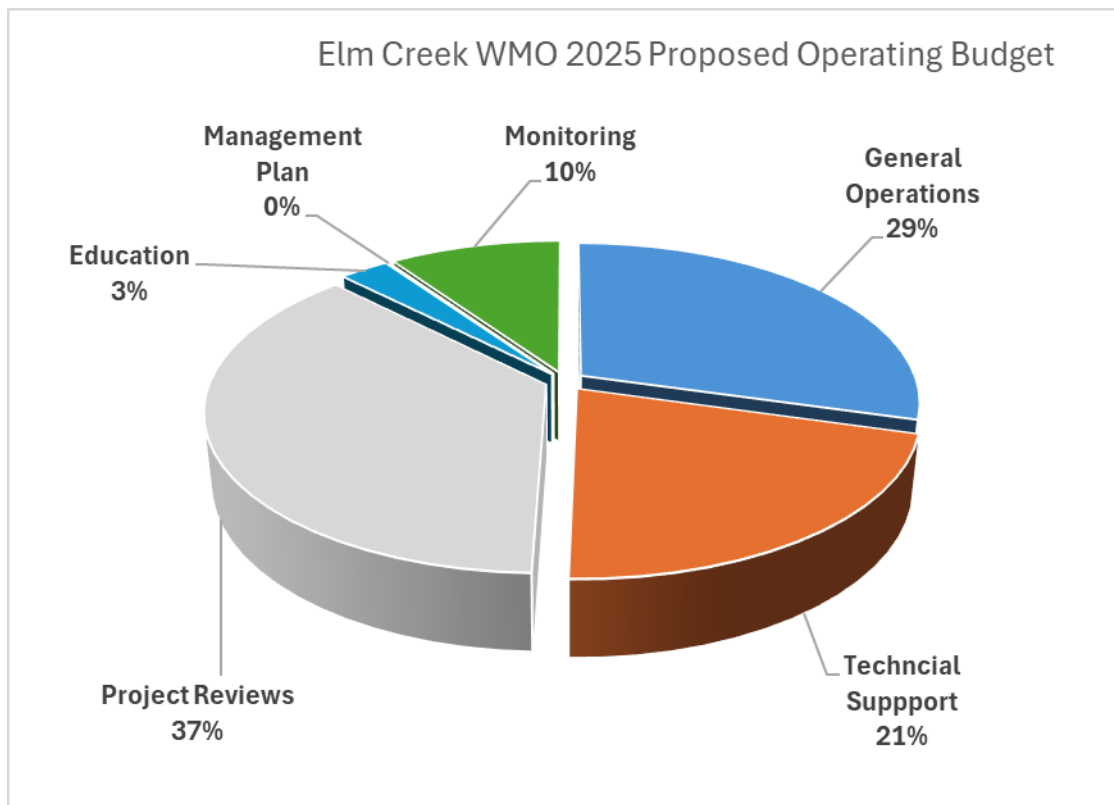


Figure 1. Proposed 2025 operating budget by expenditure category.

City Assessments

Table 2 details the proposed member city assessments for 2025 compared to previous years. The 2025 assessments are based on the revised legal boundary. It is not possible to do an apples-to-apples comparison of 2024 to 2025 to evaluate the impact of the boundary change on the assessments. However, Table 3 may provide some helpful context. There were 1146 acres (600 parcels) that moved out of West Mississippi and into Elm Creek, mostly from Champlin, and only 52 acres that moved from Elm Creek into West Mississippi. Shingle Creek gained 60 acres from Elm Creek, but 627 acres moved from Shingle Creek into Elm Creek, mostly in Plymouth. About 550 acres moved out of Elm Creek into Bassett Creek, mostly from Plymouth. The net impact was an increase in the Elm Creek watershed legal boundary area of almost 0.4 square miles.

Table 3 shows the area by city before and after the boundary change. Note that the percent of watershed area changed slightly, most notably in Champlin, but that is still less than one-half percent.

Assessments are based on share of taxable market value, and the table shows the taxable market value within each city's share of the watershed for 2024 compared to the 2023 value prior to the boundary change. While there is some variability year to year in market value and that variability is uneven across the cities, it is likely that a good share of the annual change this year was from the boundary revision. For example, if 500 of the 600 Champlin parcels that moved from West Miss to Elm were \$400,000 homes, that would increase the overall market value of Champlin's share of the watershed by $500 * \$400,000$ or \$200,000,000. The actual change between years was \$262,436,800.

Table 3. Area and market value changes before and after legal boundary revision.

City	Area (sq mi)			% of watershed		Taxable market value			% of watershed	
	Old	New	Change	Old	New	Old (2023)	New (2024)	Change	Old	New
Champlin	3.08	3.68	16.3%	2.4%	2.8%	\$898,761,000	\$1,161,197,800	22.6%	4.0%	5.1%
Corcoran	36.06	36.07	0.0%	27.6%	27.5%	1,808,292,200	1,806,478,300	-0.1%	8.0%	8.0%
Dayton	25.17	25.08	-0.4%	19.3%	19.1%	2,031,786,500	2,038,390,200	0.3%	9.0%	9.0%
Maple Grove	26.32	26.06	-1.0%	20.2%	19.9%	10,043,624,100	10,089,589,600	0.5%	44.7%	44.5%
Medina	9.34	9.37	0.3%	7.2%	7.2%	1,680,727,800	1,684,881,900	0.2%	7.5%	7.4%
Plymouth	4.44	4.51	1.6%	3.4%	3.4%	2,671,442,700	2,570,902,100	-3.9%	11.9%	11.3%
Rogers	26.2	26.2	0.0%	20.1%	20.0%	3,339,194,100	3,340,724,100	0.0%	14.9%	14.7%
TOTAL	130.61	130.97				\$22,473,828,400	\$22,692,164,000			

Table 1. Proposed 2025 budget.

Line	Category	2023 Budget	2023 Pre-Audit	2024 Budget	Proposed 2025 Budget
EXPENSES					
GENERAL OPERATING EXPENSES					
1	Administrative	100,000	117,144	100,000	120,000
2	Grant Writing	0	0	3,000	3,000
3	Website	2,000	1,414	2,000	2,000
4	Legal Services	2,000	589	2,000	2,000
5	Audit	6,500	6,800	7,000	7,200
6	Insurance	4,000	3,551	4,000	4,000
7	Meeting Expense	0	1,753	4,800	6,000
	Subtotal General Operating Expenses	\$114,500	\$131,251	\$122,800	\$144,200
TECHNICAL SUPPORT					
8	Tech support - HCEE	20,000	19,684	22,000	25,000
9	General Technical Services	70,000	89,846	75,000	78,000
	Subtotal Technical Support	\$90,000	\$109,530	\$97,000	\$103,000
PROJECT REVIEWS					
10	Technical Reviews	184,000	107,569	184,000	162,000
11	Administrative Support	16,000	16,173	21,250	20,000
	Subtotal Project Reviews	\$200,000	\$123,742	\$205,250	\$182,000
EDUCATION					
12	Education - City/Citizen Programs	2,000	843	2,000	2,000
13	West Metro Water Alliance	11,500	9,000	11,500	11,500
	Subtotal Education	\$13,500	\$9,843	\$13,500	\$13,500
WATERSHED MANAGEMENT PLAN					
14	Plan Amendments	2,000	580	2,000	500
15	Contribution to 4th Generation Plan	12,500	12,500	12,500	0
	Subtotal Watershed Management Plan	\$14,500	\$13,080	\$14,500	\$500
WATER MONITORING PROGRAMS					
	<i>Stream Monitoring</i>				
16	USGS Site Share	24,000	32,400	12,500	21,520
17	TRPD-Routine Monitoring	10,020	10,020	10,020	10,020
18	Biological Monitoring	4,500	0	0	0
19	DO Longitudinal Survey	2,400	0	2,400	2,400
20	Partnership Biomonitoring	2,000	0	0	0
21	Gauging Station - Electric Bill	440	389	480	480
	Subtotal Stream Monitoring	\$43,360	\$42,809	\$25,400	\$34,420
	<i>Lake Monitoring</i>				
22	CAMP	840	0	840	840
	TRPD				
23	Sentinel Lakes + Additional Lake	10,412	10,412	10,412	10,420
24	Aquatic Vegetation Surveys	1,365	1,365	1,365	1,365
	Subtotal Lake Monitoring	\$12,617	\$11,777	\$12,617	\$12,625
	<i>Other Monitoring</i>				
25	Macroinvertebrate Monitoring-River Watch	0	0	3,000	0

Line	Category	2023 Budget	2023 Pre-Audit	2024 Budget	Proposed 2025 Budget
	Subtotal Other Monitoring	\$0	0	3,000	0
	Subtotal Monitoring Expense	\$55,977	\$54,586	\$41,107	\$47,045
TOTAL GEN OPERATING EXP		\$488,477	\$442,032	\$494,067	\$490,245
REVENUE					
GENERAL OPERATING REVENUE					
26	Membership Dues	250,000	250,000	250,000	261,745
27	Interest Income	500	86,477	10,000	25,000
28	Dividend Income	250	0	0	0
29	From Cash Reserves	0	0	0	15,000
30	TRPD Cooperative Agreement	6,500	6,500	6,500	6,500
	Subtotal General Operating Revenue	\$257,250	\$342,977	\$266,500	\$308,245
PROJECT REVIEW REVENUE					
31	Project Review Fees	184,000	139,511	184,000	162,500
32	Nonrefundable Admin	16,000	7,153	21,250	7,500
33	Nonrefundable Tech	17,000	10,905	27,600	12,000
	Subtotal Project Review Revenue	\$217,000	\$157,569	\$232,850	\$182,000
TOTAL GEN OPERATING REVENUE		\$474,250	\$500,546	\$499,350	\$490,245
OPERATING SURPLUS OR (DEFICIT)		(\$14,227)	\$58,514	\$5,283	0

2025 Budget Explanation

Line	Comment
EXPENSES	
1	This line item is to provide administrative support (scheduling, minutes, etc.) for regular Commission and TAC meetings and any other meetings that require support, as well as general administrative duties such as bookkeeping, notices, mailings, and correspondence.
2	The cost of writing grants and doing grant reporting. This separate line item was new in 2024.
3	The annual cost of hosting the Commission’s website and general content updates.
4	The legal cost of reviewing, drafting policies and variances, reviewing contracts and agreements.
5-6	The cost of the required annual financial audit and insurance.
7	The cost of room rental and lunch for the monthly meetings, which has increased when the meetings moved to the Plymouth Community Center.
8	The annual contract cost for education and outreach activities provided by Hennepin County Environment and Energy (HCEE) staff working with landowners to address erosion issues and implement conservation. Public engagement, answering landowner’s general land and water resource management questions, and best management practice (BMP) project development, design, and construction. Proposed to increase from the 2024 contracted amount of \$22,000 to \$25,000.
9	This line item is for general engineering support, including preparation for and attendance at Commission and TAC meetings, general day to day technical and engineering assistance, special projects, the budget and CIP, etc.
10	This line item is for project reviews, review of Local Water Management Plans and Comprehensive Plan amendments and updates, and general inquiries about past and upcoming projects. It is difficult to predict what the expense for a coming year will be, as it is based on the number of project reviews, inquiries, etc. received. The proposed budget is based on an estimated 50 project reviews each year. This expenditure is mostly offset by the project review fees.

Line	Comment
11	This line item is for administrative support of project reviews, including correspondence, tracking, bookkeeping, and invoicing. This expenditure is mostly offset by the project review fees.
12	Ongoing outreach and education costs not undertaken through WMWA.
13	The Commission participates in the West Metro Water Alliance (WMWA), and contributes to funds to support coordinated messaging, workshops, classroom activities, and special projects on a regional basis.
14	The cost of undertaking periodic minor plan amendments, usually to revise the CIP or adjust the development rules and standards. Cost is typically publication costs and staff time to develop the amendment documents.
15	The Commission's 3 rd Generation Plan expires on October 23, 2025. Work on the 4 th Generation Plan has commenced and is expected to be completed in 2025, from funds previously budgeted for this purpose.
16	The Commission jointly funds the operation of the USGS gauging station in Elm Creek Park near Elm Creek Road. This is billed biennially but budgeted annually. The 2025 budget assumes the \$12,500 budget in 2024 will be carried forward to offset the estimated \$34,020 expense.
17-19	The Commission contracts with Three Rivers Park District (TRPD), which provides flow and water quality monitoring at three locations in the watershed. There has been limited biological sampling; the current TMDL review will make recommendations for future sampling. The TRPD contract also includes funding for two longitudinal surveys of dissolved oxygen (DO) in impaired streams, which include taking a sequence of DO readings along points in the stream very early in the morning when DO is at its lowest, from an upstream point to a downstream point of interest. This shows a gradient of DO in the stream.
21	The Commission is responsible for the cost of electricity to the USGS gauging station.
24	Volunteer lake monitoring through the Met Council's Citizen Assisted Monitoring Program (CAMP). One lake is monitored per year.
23-24	The Commission contracts with TRPD to perform water quality monitoring and aquatic vegetation surveys on six lakes per year. The data is summarized in an annual report.
25	Volunteer macroinvertebrate monitoring coordinated by HCEE. The County is reconfiguring the program and we have not been notified whether to budget for this in 2025.
REVENUES	
26	Annual assessments to the member cities to pay the operating expenses of the Commission. Assessments are apportioned based on taxable market value of land within the watershed. Assessments did not increase 2020-2022, went up 5.4% in 2023 and did not increase in 2024. The proposed 2025 apportionment would be a 4.7% increase, compared to the current 3.4% inflation rate.
27	The amount of interest earnings varies based on interest rate and the balance carried by the Commission in its 4M Fund. Even though the interest rate is low, the current balance is substantial.
28	Income received as dividends. In recent years it has not been logged as separate income but has offset the annual insurance costs.
29	Since the Commission currently has a cash reserve in excess of its fund balance policy, it is proposed for 2025 to use some cash reserves to minimize increases in membership dues.
30	The Commission's contract with TRPD includes reimbursement from the Park District to the Commission for the value of services provided.
31	The application fee structure is intended to recover the cost of completing current project reviews. While the fees do not fully fund that activity, they are set and periodically reviewed and adjusted to recover a majority of the cost. It is difficult to predict and budget for project review revenues and fees because it varies based on the economy. This assumes 50 project reviews in 2025.
32	The Commission's project review fee includes a \$250 baseline fee and a nonrefundable fee of 5% of the total review fee to cover the costs of administration.
33	The Commission's project review fee includes a nonrefundable fee of 8% of the total review fee to cover the costs of general technical services.

Table 2. Proposed 2025 member city allocations compared to previous years.

2023	2022 Taxable Market Value	2023 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	807,005,389	3.942	9,854	0.05	505
Corcoran	1,544,836,780	7.546	18,864	0.05	2,539
Dayton	1,644,909,207	8.034	20,086	0.05	4,573
Maple Grove	9,535,464,544	46.575	116,436	0.05	2,581
Medina	1,515,134,760	7.400	18,501	0.05	96
Plymouth	2,517,439,300	12.296	30,740	0.05	1,486
Rogers	2,908,759,834	14.207	35,519	0.05	921
Totals	20,473,549,814	100.000	250,000	0.00%	12,700
2024	2023 Taxable Market Value	2024 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	898,761,000	3.999	9,998	0.01	144
Corcoran	1,808,292,200	8.046	20,116	0.07	1,252
Dayton	2,031,786,500	9.041	22,602	0.13	2,516
Maple Grove	10,043,624,100	44.690	111,726	-0.04	-4,711
Medina	1,680,727,800	7.479	18,697	0.01	195
Plymouth	2,671,442,700	11.887	29,717	-0.03	-1,023
Rogers	3,339,194,100	14.858	37,145	0.05	1,627
Totals	22,473,828,400	100.000	250,000	0.00%	0
2025	2024 Taxable Market Value	2025 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	1,161,197,800	5.117	13,394	0.3397	3,396
Corcoran	1,806,478,300	7.961	20,837	0.0359	721
Dayton	2,038,390,200	8.983	23,512	0.0403	910
Maple Grove	10,089,589,600	44.463	116,379	0.0417	4,654
Medina	1,684,881,900	7.425	19,434	0.0395	738
Plymouth	2,570,902,100	11.329	29,654	-0.0021	-63
Rogers	3,340,724,100	14.722	38,534	0.0374	1,389
Totals	22,692,164,000	100.000	261,745	0.04698	11,745

Elm Creek Watershed Management Commission Treasurer's Report

	2024 Budget	May 2024	June 2024	2024 Budget YTD
EXPENSES				
GENERAL OPERATIONS				
Administrative Support	100,000.00	10,472.93	7,363.64	54,073.55
Grant Writing	3,000.00			0.00
Website	2,000.00	93.75	18.75	349.25
Legal Services	2,000.00			0.00
Audit	7,000.00			0.00
Insurance	4,000.00		3,354.00	3,698.00
Meeting Expense	4,800.00	183.92	182.36	4,599.14
Subtotal General Operations	122,800.00	10,750.60	10,918.75	62,719.94
TECHNICAL SUPPORT				
Technical Support - HCEE	22,000.00	5,355.13		5,355.13
Technical - Other General	75,000.00	4,321.00	6,984.75	27,806.00
Subtotal Technical Support	97,000.00	9,676.13	6,984.75	33,161.13
PROJECT REVIEWS				
Technical - Project Review	184,000.00	12,304.00	29,989.56	73,101.06
Project Review - Admin Support	21,250.00	977.04	832.66	6,767.23
Subtotal Project Reviews	205,250.00	13,281.04	30,822.22	79,868.29
EDUCATION				
Education	2,000.00		515.20	872.14
<i>West Metro Water Alliance</i>				
WMWA General Activities	5,000.00			3,000.00
Watershed Prep	4,500.00			4,000.00
Special Projects	2,000.00			4,000.00
Subtotal Education	13,500.00	0.00	515.20	11,872.14
WATERSHED MANAGEMENT PLAN				
Plan Amendment	2,000.00			0.00
4th Gen Plan Expense		342.50	688.00	1,171.00
Contribution to 4th Gen Plan	12,500.00			0.00
Subtotal Management Plan	14,500.00	342.50	688.00	1,171.00
WATER MONITORING PROGRAMS				
<i>Stream Monitoring</i>				
Stream Monitoring USGS	12,500.00			0.00
Stream Monitoring TRPD	10,020.00			0.00
Biological Monitoring	0.00			0.00
DO Longitudinal Survey	2,400.00			0.00
Partnership Biomonitoring (Comm share)	0.00			0.00
Rain Gauge	480.00	32.60	32.46	166.53
<i>Lake Monitoring</i>				
Lakes Monitoring - CAMP	840.00			0.00
TRPD Monitoring - Sentinel Lakes/Addn'l Lake	10,412.00			0.00
Aquatic Vegetation Surveys	1,365.00			0.00
<i>Other Water Monitoring</i>				
Macroinvertebrate Monitoring-River Watch	3,000.00			0.00
Wetland Monitoring - WHEP	0.00			0.00
Subtotal Monitoring	41,017.00	32.60	32.46	166.53
TOTAL GENERAL OPERATING EXPENSES	494,067.00	34,082.87	49,961.38	188,959.03

Elm Creek Watershed Management Commission Treasurer's Report

	2024 Budget	May 2024	June 2024	2024 Budget YTD
<u>REVENUES</u>				
GENERAL OPERATIONS				
Member Dues	250,000.00			250,000.00
Interest/Dividends Earned	10,000.00	7,530.53		43,129.62
Water Monitoring - TRPD Co-op Agmt	6,500.00			0.00
Subtotal General Operating Revenue	266,500.00	7,530.53	0.00	293,129.62
PROJECT REVIEW FEES				
Project Review Fee	184,000.00	8,280.16		76,280.16
Project Review Base Fee		500.00		4,000.00
Nonrefundable Admin	21,250.00	350.00		3,750.00
Nonrefundable Technical	27,600.00	560.00		6,000.00
Subtotal Project Review Revenue	232,850.00	9,690.16	0.00	90,030.16
TOTAL GENERAL OPERATING REVENUE	499,350.00	17,220.69	0.00	383,159.78
OPERATING SURPLUS OR (DEFICIT)	5,283.00			194,200.75
<u>EXPENSES</u>				
GRANTS AND CAPITAL PROJECTS				
<i>Studies / Project ID / SWA</i>				
S Fork Rush Creek SWA (23 WBIF)	66,351.00	2,720.00	2,510.75	19,125.00
N Fork Rush Creek Feasibility (23 WBIF)	37,550.00			243.75
TMDL 10 Year Review (Studies)	49,468.00	98.00		452.00
<i>Grants</i>				
Rush Creek SWA Implementation (23 WBIF)	175,000.00			0.00
Rush Creek SWA Implementation (21 WBIF)			157,076.50	157,076.50
<i>Capital Projects</i>				
CIPs General	3,000.00		106.50	515.66
<i>Transfer from Encumbered Funds</i>				
Transfer from Capital Projects	291,638.00			427,975.12
Transfer from Cash Sureties		7,403.53	7,084.82	14,563.00
Transfer from Grants	125,000.00			0.00
From Fund Balance				0.00
TOTAL GRANTS AND CAPITAL PROJECTS EXPENSE		10,221.53	166,778.57	619,951.03
<u>REVENUE</u>				
GRANTS AND CAPITAL PROJECTS				
Transfer to (from) Capital Projects				0.00
Transfer to (from) Cash Sureties				0.00
Transfer to (from) Grants				0.00
Transfer from Assigned Fund Balance				0.00
Misc Income / Contingency				0.00
From Unrestricted Cash Reserves				0.00
TOTAL GRANTS AND CAPITAL PROJECTS REVENUE		0.00	0.00	0.00

Elm Creek Watershed Management Commission Treasurer's Report

Claims Presented	General Ledger Account No		June 2024	TOTAL
Connexus - Rain Gauge	551100		32.46	32.46
Barr Engineering				7,084.82
Ravinia Wetland Mitigation	240201		7,084.82	
City of Maple Grove - S Fork Rush Ck Restoration FY2	584005		157,076.50	157,076.50
League of MN Cities				3,354.00
LMC - Property, Liability Insurance	513000		3,354.00	
Watershed Partners -Membership 2024	590000		500.00	500.00
Resilience Resources				18,761.56
Technical - Project Review	578050		17,704.50	
Technical - Project Pre-reviews and Inquiries	578060		363.00	
Technical - Project Meetings	578070		694.06	
Stantec				20,723.50
Technical - Project Review	578050		10,346.00	
Technical - Project Pre-reviews and Inquiries	578060		98.00	
Technical - Project Meetings	578070		784.00	
Technical - Other General Engineering	577000		6,984.75	
TMDL 10 Year Review	580900			
South Fork Rush Creek SWA (23 WBIF)	584006		2,510.75	
4th Gen Plan - Technical	542620			
JASS				9,207.11
Administration	511000		6,840.70	
TAC Support	511000		432.94	
Meeting Expense (meal)	520000		182.36	
Website	581000		18.75	
Project Review Admin Support	578100		533.41	
Project Reviews - Project Specific Admin	578100		299.25	
Education	590000		15.20	
CIPs General	563001		106.50	
4th Gen Plan - Admin	542600		688.00	
Grant Opportunities	511000		90.00	
WCA Monitoring Reimbursable - Ravinia	240201			
TOTAL CLAIMS				216,739.95



Account Number: 481113-238425
ELM CREEK WATERSHED MGMT ORG

Monthly Statement

Service Address
ELM CREEK RD
DAYTON MN

Total Amount Due	Due Date
\$32.46	June 13, 2024

Billing Summary Billing Date: May 17, 2024

Previous Balance	\$32.60
Payments - Thank You!	\$32.60
Balance Forward	\$0.00
New Charges	\$32.46

Total Amount Due **\$32.46**

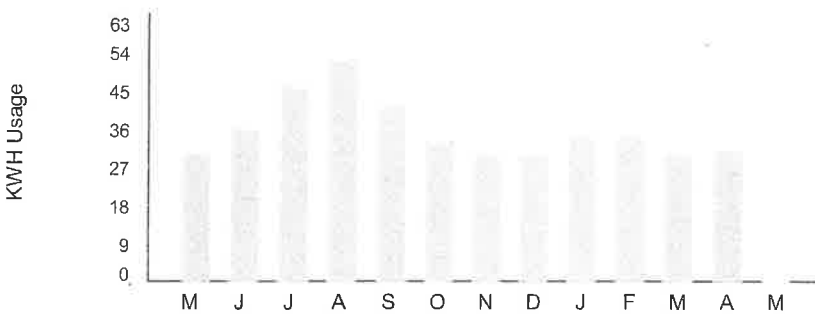
Payment must be received on or before June 13, 2024

Message Center

2024 Rebates Available

Looking for ways to control your costs and be more efficient. Adding high-efficiency improvements and technology can result in overall better business practices that can reduce expenses while growing your business. Connexus offers many rebates on items you may already be thinking about. Learn more at connexusenergy.com.

Energy Comparison Previous Months' Usage Current Month's Usage



How to contact us

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

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

TRA3-D-006849/006009 VG3SVJ S1-ET-M1-C00002 1



Account Number: 481113-238425
Total Amount Due \$32.46
Payment Due By June 13, 2024

006849 1 AB 0.544 002853/006849/006009 023 02 VG3SVJ
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325

Connexus Energy
PO Box 1808
Minneapolis, MN 55480-1808





12800 Arbor Lakes Parkway, Maple Grove, MN 55369-7064

763-494-6000

January 24, 2024

Ms. Judie Anderson
Elm Creek Watershed Management Commission
3235 Fernbrook Lane North
Plymouth, MN, 55447

SUBJECT: SOUTH FORK RUSH CREEK STREAM RESTORATION
CITY OF MAPLE GROVE, PROJECT NO. 21-10

Dear Judie,

The City of Maple Grove is requesting a progress payment for work completed as of January 8, 2024 on the South Fork Rush Creek Stream Restoration Project. Enclosed are invoices from Stantec and Sunram Construction, Inc. totaling \$777,834.87. The City of Maple Grove is requesting reimbursement of \$777,834.87 less Commission expenses per the terms of the Cooperative Agreement for the South Fork Rush Creek Stream Restoration Project.

Also included is prevailing wage documentation as I anticipate partial reimbursement will come from the BWSR WBIF funding to satisfy that particular grant.

Please let me know if you have any questions. Thank you for funding this important project.

Sincerely,

Derek Asche
Water Resources Engineer
City of Maple Grove

enc

\$157,076.50

Elm Creek WMO Claim June 2024
From FY21 WBIF Grant funds received
(1/2 of total grant for this project - \$314,153)

4/2024- paid \$427,975.12 from CIP 2022-01



INVOICE

Barr Engineering Co.
4300 MarketPointe Drive, Suite 200
Minneapolis, MN 55435
Phone: 952-832-2600; Fax: 952-832-2601
FEIN #: 41-0905995 Inc: 1966

Ms. Judie Anderson
Elm Creek Watershed Management Commission
JASS-Watershed Administrators
3235 Fernbrook Lane
Plymouth, MN 55447

Remittance address:
Lockbox 446104
PO Box 64825
St Paul, MN 55164-0825

May 31, 2024
Invoice No: 23270F55.05 - 26

Total this Invoice	\$7,084.82
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Invoice to beverly@jass.biz

Regarding: Elm Creek Wetland Mitigation Monitoring

This invoice is for professional services related to Elm Creek Wetland Mitigation Monitoring project, which included the following tasks:

- Task 006 - 2022 Monitoring and Report
 - Preparing and submitting report on 2022 monitoring
- Task 007 - 2023 Monitoring and Report
 - Preparing and submitting report on 2023 monitoring
- Task 008 - 2024 Monitoring Closeout
 - Coordinating site review meeting with WMC and agency stakeholders
 - Attending site review meeting

Professional Services for Period Ending May 24, 2024

Job:	001	Ravinia Wetland Mitigation
Task:	006	2022 Monitoring and Report

Labor Charges

	Hours	Rate	Amount
Vice President			
Waln, Joseph	3.50	195.00	682.50
Engineer / Scientist / Specialist IV			
Waln, Joseph	.30	165.00	49.50
Engineer / Scientist / Specialist III			
Wold, Karen	2.00	155.00	310.00
Engineer / Scientist / Specialist II			
Burgner, Brian	10.00	120.00	1,200.00
Engineer / Scientist / Specialist I			
Evenocheck, Elizabeth	1.00	110.00	110.00

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.

Support Personnel II Pinter, Laura	.40	110.00	44.00	
	17.20		2,396.00	
Subtotal Labor				2,396.00
			Task Subtotal	\$2,396.00

Task: 007 2023 Monitoring and Report

Labor Charges

	Hours	Rate	Amount	
Vice President Waln, Joseph	2.50	195.00	487.50	
Engineer / Scientist / Specialist III Wold, Karen	10.10	155.00	1,565.50	
Support Personnel II Huffman, Yvonne	1.00	105.00	105.00	
	13.60		2,158.00	
Subtotal Labor				2,158.00
			Task Subtotal	\$2,158.00

Task: 008 2024 Monitoring Closeout

Labor Charges

	Hours	Rate	Amount	
Vice President Waln, Joseph	4.10	195.00	799.50	
Engineer / Scientist / Specialist III Wold, Karen	10.60	155.00	1,643.00	
Support Personnel II Nypan, Nyssa	.50	115.00	57.50	
	15.20		2,500.00	
Subtotal Labor				2,500.00

Expense Charges

Travel 5/21/2024 Wold, Karen		Mileage	30.82	
Subtotal Expenses				30.82

Task Subtotal \$2,530.82

Job Subtotal \$7,084.82

Total this Invoice \$7,084.82

	Current	Prior	Total	Received	A/R Balance
Invoiced to Date	7,084.82	29,998.03	37,082.85	29,998.03	7,084.82

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Joe Waln, your Barr project manager at 952.832.2984 or email at jwaln@barr.com.



Invoice

Member Name and Address

Elm Creek Watershed
Management Commission
3235 Fernbrook Lane North
Plymouth, MN 55447-5325

Invoice Date

05/06/2024

Agent

Arthur J Gallagher Risk Management Services LLC
3600 American Blvd W Ste 500
Bloomington, MN 55431-4502
(952)358-7500

Account Number: 10002968
Account Type: Property/Casualty Coverage Premium
Current Balance: \$ 3,354.00
Minimum Due: \$ 3,354.00
Due Date: 06/10/2024

Summary of activity since last Billing Invoice	Date	Activity	Account Balance	Minimum Due
See reverse side and attachments for additional information		Previous Invoice Balance	3,584.00	
		Payments Received	-00	
		Total of Transactions and Fees shown on reverse or attached	3,354.00	
		Current Balance	\$ 3,354.00	\$ 3,354.00

Detach and return this Payment Coupon with your payment	Account Number 10002968	Invoice Date 05/06/2024	Due Date 06/10/2024	Current Balance \$ 3,354.00	Minimum Due 3,354.00
					Amount Enclosed \$ _____

Member Name Elm Creek Watershed Management Commission

BILLING INVOICE - Return stub with payment - make checks payable to:

Mail payment
7 days before
Due Date to
ensure timely
receipt

League of MN Cities Insurance Trust P&C
c/o Berkley Risk Administrators Company
222 South Ninth Street, Suite 2700
P.O. Box 581517
Minneapolis, MN 55458-1517

METRO WATERSHED PARTNERS



MINNESOTA WATER
LET'S KEEP IT CLEAN

INVOICE

Attention: Amy Juntunen
Elm Creek Watershed Management Commission
3235 Fernbrook Lane N.
Plymouth, MN 55447
Date: 12/15/23

612-670-6216
azawistoski01@hamline.edu

Metro Watershed Partners
Hamline University
1536 Hewitt Ave. MS-A1760
Saint Paul, MN 55104

Project Title: Clean Water Minnesota

Description	Cost
2024 Membership: Clean Water MN and Adopt-a-Drain	\$500.00
TOTAL	\$500.00

Benefits of membership

- You and your colleagues are invited to attend our **monthly meetings**, to network and share information with other watershed education professionals and to hear monthly speakers on topics relevant to our work. The Watershed Partners meet via Zoom on the second Wednesday of the month from 9:30–11am.
- Join our **listserv on Mobilize** to receive meeting notifications and partner updates, message with other partners, and send announcements. To be added to Mobilize, please email Ann Zawistoski (azawistoski01@hamline.edu) and request to be added.
- Your organization will be **listed as a supporting partner** on cleanwatermn.org/about-us, and on adopt-a-drain.org when someone clicks on a drain in your service area, and on email communication to adopters in your area.
- Access to an **administrative portal** that allows you to view and download data about adopted drains and program participants in your area. Log in mn.adopt-a-drain.org/nova. Contact Ann Zawistoski to get admin access.
- A customized **annual report** that includes summary data about adopted drains and program participants in your area.
- Access to **print resources to promote Adopt-a-Drain** to residents in your area. View the marketing guide here: ms4.adopt-a-drain.org/marketing-guide. Download promotional materials from the Google Drive folder: drive.google.com/drive/folders/1b6cLslTFI6xs9xHz2ZZTt8tLJ63rN0Bd.
- Access to the **CWMN photo gallery** with hundreds of high-quality photographs: docs.google.com/document/d/1D5uxIkAuZUNj-SJZOSexNbAn_ExcjvXaafDN9WLvE8/edit.
- Portable **educational exhibits** are available for free checkout. Find more at cleanwatermn.org/partners/exhibit-check-out/.
- For an additional fee, Adopt-a-Drain participants in your area can receive **yard signs and a printed "welcome kit"** in the mail. Please contact Ann Zawistoski for more information.

Duration of service: January 1 - December 31st, 2024. Unspent funds will rollover to support program activities in 2025.

3235 Fernbrook Lane N
 Minneapolis, MN 55447



Invoice Date: June 5, 2024
 RR Invoice #: 0009-2024-01

Client Project Reference: Elm Creek Water Management Commission

TASK: Elsie Stephens Turn Lanes, Dayton (2024-004)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
2/22/2024	5	hrs	RC	\$165	ECWMC	2024-004	Project Review	\$825.00
2/24/2024	7	hrs	RC	\$165	ECWMC	2024-004	Project Review	\$1,155.00
2/29/2024	7	hrs	RC	\$165	ECWMC	2024-004	Project memo	\$1,155.00
Task Total								\$3,135.00

TASK: Sunram (2024-006)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
3/8/2024	1	hrs	RC	\$165	ECWMC	2024-006	Initial review for completeness	\$165.00
5/3/2024	0.3	hrs	RC	\$165	ECWMC	2024-006	Correspondence	\$49.50
5/6/2024	3	hrs	RC	\$165	ECWMC	2024-006	Review project	\$495.00
5/7/2024	1	hrs	RC	\$165	ECWMC	2024-006	Review memo	\$165.00
6/6/2024	1	hrs	RC	\$165	ECWMC	2024-006	Review memo	\$165.00
Task Total								\$1,039.50

TASK: Corcoran Storage II, Corcoran (2024-010)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
4/10/2024	5	hrs	RC	\$165	ECWMC	2023-025	Review for completeness	\$825.00
4/11/2024	6	hrs	RC	\$165	ECWMC	2023-025	Correspondence, review	\$990.00
4/16/2024	7	hrs	RC	\$165	ECWMC	2023-025	Review Grading Plan	\$1,155.00
4/24/2024	4	hrs	RC	\$165	ECWMC	2023-025	Memo + Presentation	\$660.00
Task Total								\$3,630.00

TASK: Dayton Ravine (2024-011)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
4/11/2024	2	hrs	RC	\$165	ECWMC	2024-011	Review of project for requirements, project review, correspondence with applicant & engineer	\$330.00
4/12/2024	8	hrs	RC	\$165	ECWMC	2024-011	Review memo + Meeting prep	\$1,320.00
4/16/2024	1	hrs	RC	\$165	ECWMC	2024-011	Review memo + Meeting prep	\$165.00
4/24/2024	4	hrs	RC	\$165	ECWMC	2024-011	Review memo + Meeting prep	\$660.00
4/25/2024	4	hrs	RC	\$165	ECWMC	2024-011	Review memo + Meeting prep	\$660.00
5/7/2024	2	hrs	RC	\$165	ECWMC	2024-011	Review memo + Meeting prep	\$330.00
5/8/2024	1	hrs	RC	\$165	ECWMC	2024-011	Presentation	\$165.00
Task Total								\$3,630.00

TASK: Dayton Interchange (2024-012) - Dayton Opus

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
4/8/2024	8	hrs	RC	\$165	ECWMC	2024-12	Initial review for completeness	\$1,320.00
4/26/2024	8	hrs	RC	\$165	ECWMC	2024-12	Review, memo	\$1,320.00
4/29/2024	6	hrs	RC	\$165	ECWMC	2024-12	Memo, review, presentation	\$990.00
Task Total								\$3,630.00

TASK: Red Barn Pet (2024-013)

Date	Qty	Unit	Staff	Rate	Project	Project Ref	Description	Amount
5/2/2024	2	hrs	RC	\$165	ECWMC	2024-13	Initial review for completeness	\$330.00
5/26/2024	8	hrs	RC	\$165	ECWMC	2024-13	Review, tech memo	\$1,320.00
6/4/2024	4	hrs	RC	\$165	ECWMC	2024-13	Review, tech memo	\$660.00
6/6/2024	2	hrs	RC	\$165	ECWMC	2024-13	Review, tech memo	\$330.00
Task Total								\$2,640.00

TASK: Meeting Attendance

Date	Qty	Unit	Staff	Rate	Client	Project Name	Description	Amount
5/8/2024	2	hrs	RC	\$165	ECWMC		Meeting Attendance	\$330.00
5/8/2024	26	mi	RC	\$0.655	ECWMC		Meeting Attendance	\$17.03
3/13/2024	2	hrs	RC	\$165	ECWMC		Meeting Attendance	\$330.00
3/13/2024	26	mi	RC	\$0.655	ECWMC		Meeting Attendance	\$17.03
Task Total								\$694.06

TASK: Pre-Application / After The fact Permit Zoom + Correspondence

Date	Qty	Unit	Staff	Rate	Client	Project Name	Description	Amount
3/21/2024	0.7	hrs	RC	\$165	ECWMC	Pre Application Mtg	Opus Dayton Interchange Project Call with Applicant	\$115.50
4/8/2024	0.5	hrs	RC	\$165	ECWMC	Pre Application Mtg	Opus Dayton Interchange Project Call with Stantec	\$82.50
1/24/2024	0.5	hrs	RC	\$165	ECWMC	Pre Application Mtg-- Elsie Stephens Turn	Call with Stantec re permit requirements	\$82.50
2/1/2024	0.5	hrs	RC	\$165	ECWMC	Pre Application Mtg-- Elsie Stephens Turn	Call with Stantec re permit requirements, review first Elsie Stephens for permit	\$82.50
Task Total								\$363.00

Invoice Total \$18,761.56

Invoice Number	2240548
Invoice Date	June 4, 2024
Purchase Order	--
Customer Number	167501
Project Number	227706626

Bill To

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

Please Remit To

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

Project	Elm Creek 2024 Technical Services		
	Project Manager	Megow, Erik Robert	Contract Upset
	Current Invoice Total (USD)	18,212.75	Amount Billed to Date
			For Period Ending
			May 24, 2024

Top Task	100	General Services
Low Task	100	General Services

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Wavrin, Thomas	1.50	125.00	187.50
Kaster, Anthony R (Tony)	5.50	196.00	1,078.00
Megow, Erik Robert	8.00	196.00	1,568.00
Spector, Diane F	20.25	205.00	4,151.25
Subtotal Professional Services	<u>35.25</u>		<u>6,984.75</u>

Low Task Subtotal	General Services	6,984.75
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Top Task Subtotal	General Services	6,984.75
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Top Task	200	Project Reviews
Low Task	200.2024.003	Rogers Townhomes, Rogers

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Abrahams, Mark B	7.00	169.00	1,183.00
Megow, Erik Robert	10.50	196.00	2,058.00
Subtotal Professional Services	<u>17.50</u>		<u>3,241.00</u>

Low Task Subtotal	Rogers Townhomes, Rogers	3,241.00
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Low Task	200.2024.009	Heritage Christian Academy
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Fesenmaier, Mark Gregory	2.75	140.00	385.00
Megow, Erik Robert	7.50	196.00	1,470.00

Invoice Number	2240548
Invoice Date	June 4, 2024
Purchase Order	--
Customer Number	167501
Project Number	227706626

Subtotal Professional Services	10.25	1,855.00
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Low Task Subtotal	Heritage Christian Academy	1,855.00
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Low Task	200.2024.010	Corcoran Storage II
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Megow, Erik Robert	0.50	196.00	98.00
Subtotal Professional Services	0.50		98.00

Low Task Subtotal	Corcoran Storage II	98.00
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Low Task	200.2024.011	Jaeger-Jordan Ditch Stabilization
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Megow, Erik Robert	1.00	196.00	196.00
Subtotal Professional Services	1.00		196.00

Low Task Subtotal	Jaeger-Jordan Ditch Stabilization	196.00
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Low Task	200.2024.012	Dayton Interchange
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Megow, Erik Robert	0.50	196.00	98.00
Subtotal Professional Services	0.50		98.00

Low Task Subtotal	Dayton Interchange	98.00
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Low Task	200.2024.013	Red Barn Retreat
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Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Megow, Erik Robert	0.50	196.00	98.00
Subtotal Professional Services	0.50		98.00

Low Task Subtotal	Red Barn Retreat	98.00
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Low Task	200.2024.014	Schmidt Woods Park
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Professional Services

Invoice Number	2240548
Invoice Date	June 4, 2024
Purchase Order	—
Customer Number	167501
Project Number	227706626

Category/Employee		Current Hours	Rate	Current Amount
	Truong, Kaitlen Nguyen (Kaitlin)	7.00	149.00	1,043.00
	Megow, Erik Robert	2.00	196.00	392.00
	Subtotal Professional Services	<u>9.00</u>		<u>1,435.00</u>

Low Task Subtotal **Schmidt Woods Park** 1,435.00

Low Task 200.2024.015 Hennessey Grove, Maple Grove

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Fesenmaier, Mark Gregory	9.75	140.00	1,365.00
	Megow, Erik Robert	9.00	196.00	1,764.00
	Subtotal Professional Services	<u>18.75</u>		<u>3,129.00</u>

Low Task Subtotal **Hennessey Grove, Maple Grove** 3,129.00

Low Task 200.2024.016 Sundance Greens 11th

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	1.00	196.00	196.00
	Subtotal Professional Services	<u>1.00</u>		<u>196.00</u>

Low Task Subtotal **Sundance Greens 11th** 196.00

Low Task 200.2024.100 Pre-reviews & Inquiries

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	0.50	196.00	98.00
	Subtotal Professional Services	<u>0.50</u>		<u>98.00</u>

Low Task Subtotal **Pre-reviews & Inquiries** 98.00

Low Task 200.2024.200 Meetings

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Megow, Erik Robert	4.00	196.00	784.00
	Subtotal Professional Services	<u>4.00</u>		<u>784.00</u>

Invoice Number	2240548
Invoice Date	June 4, 2024
Purchase Order	--
Customer Number	167501
Project Number	227706626

Low Task Subtotal	Meetings	784.00
Top Task Subtotal	Project Reviews	11,228.00
Total Fees & Disbursements		18,212.75
INVOICE TOTAL (USD)		18,212.75

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



INVOICE

Invoice Number 2240545
Invoice Date June 4, 2024
Purchase Order —
Customer Number 167501
Project Number 227705925

Bill To

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

Please Remit To

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

Project	South Fork Rush Creek Subwatershed Assessment		
Project Manager	Megow, Erik Robert	Contract Upset	66,351.00
Current Invoice Total (USD)	2,510.75	Amount Billed to Date	65,688.50
		For Period Ending	May 24, 2024

Top Task	100	SFRC SWA				
<u>Professional Services</u>						
Category/Employee			Current Hours	Rate	Current Amount	
			Hyams, Aaron Robert	1.50	140.00	210.00
			Beneke, Thomas S (Tom)	1.75	169.00	295.75
			Megow, Erik Robert	5.00	196.00	980.00
			Spector, Diane F	5.00	205.00	1,025.00
			Subtotal Professional Services	<u>13.25</u>		<u>2,510.75</u>
Top Task Subtotal	SFRC SWA					2,510.75
			Total Fees & Disbursements			<u>2,510.75</u>
			INVOICE TOTAL (USD)			2,510.75

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



3235 Fernbrook Lane
Plymouth MN 55447

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

5-Jun-24

Total by
Project Area

Administrative	24.650	75.00	1,848.75	
Admin - Bookkeeping	25.650	75.00	1,923.75	
Admin - offsite	2.000	80.00	160.00	
Handbook		75.00	0.00	
Office Support	12.00	200.00	2,400.00	
Bookkeeping Subscription	1.00	60.00	60.00	
Storage Unit - .47	1.00	183.77	183.77	
Data Processing/File Mgmt		75.00	0.00	
Drop Box Subscription		120.00	0.00	
Archiving		70.00	0.00	
Reimbursables	264.43	1.00	264.43	6,840.700
Meals	182.360	1.00	182.36	182.360
Administrative - TAC Support	4.32	75.00	324.00	
Admin - TAC support	1.00	80.00	80.00	
TAC support - reimbursables	28.94	1.00	28.94	432.940
Website - reimbursables		1.00	0.00	
Website	0.25	75.00	18.75	
Web Domain, hosting		1.00	0.00	
Website - Zoom		1.00	0.00	18.750
Project Reviews - Admin -	6.55	75.00	491.25	
Project Reviews - Admin Project Specific	3.99	75.00	299.25	299.25
Project Reviews - Admin offsite		80.00	0.00	
Project Reviews - Admin - File Mgmt		75.00	0.00	
Project Reviews - reimbursables	42.16	1.00	42.16	533.410
Fourth Gen Plan - Admin	9.16	75.00	687.00	
Fourth Gen Plan - reimbursables	1.00	1.00	1.00	688.000
Education - Admin		75.00	0.00	
Education - Admin virtual	0.190	80.00	15.20	
Education - reimbursables		1.00	0.00	15.200
CIPs - Administrative	1.42	75.00	106.50	
CIPs- Offsite Admin		80.00	0.00	
CIPs - reimbursables		1.00	0.00	106.500
Grant Opps - Admin		70.00	0.00	
Grant Opps - Admin	1.20	75.00	90.00	
Grant Opps - reimbursables		1.00	0.00	90.000
				9,207.110

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 Townhomes Rogers Project #2024-003

Project Overview:

Location: The project is a redevelopment of an existing outlet into townhomes and associated parking. The existing outlet is 1.9-acres but the Project is proposing to disturb 2.2 acres. The site is located south of Rogers Middle School at 130 Commerce Blvd, north of the intersection of Commerce Blvd and S. Diamond Lake Road.

Purpose: The proposed project will construct two multi-unit townhouse buildings with parking and landscaping. In this condition, the site is proposed to be treated by an existing stormwater pond that will be altered on the parcel north of the site under the same ownership.

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

Applicant: BIGOS Management
Address: 8325 Wayzata Blvd, Suite #200
Golden Valley, MN 55426

Attention: Adam Neumann
Phone: (763) 234-0526
Email: aneumann@tbigos.com

Agent: Civil Site Group
Address: 5000 Glenwood Avenue
Golden Valley, MN 55422

Attention: Anders Melby
Phone: (651) 233-6536
Email: amelby@civilsitegroup.com

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	February 15, 2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	February 15, 2024
	<input checked="" type="checkbox"/> City authorization: Plymouth, MN	February 12, 2024
	<input checked="" type="checkbox"/> Review fee: \$7,030	February 15, 2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	February 15, 2024

Submittals

1. Stormwater Management Plan, dated July 28, 2023 (Revised May 31, 2024), prepared by Civil Site Group, PC.
 - a. Stormwater Narrative.
 - b. Existing and Proposed Drainage Maps.
 - c. Existing and Proposed HydroCAD models.
 - d. Geotechnical Evaluation Report, dated January 19, 2023, prepared by American Engineering Testing.
 - e. MIDs Model results.
2. Construction Drawings, dated May 31, 2024 prepared by Civil Site Group.
- 3.

Findings

General

1. A complete application was received February 15, 2024. The initial 60-day decision period per MN Statute 15.99 expired April 15, 2024. The project was extended an additional 60-days and the decision period now expires on June 14, 2024.
2. The existing site is an 1.88 acre undeveloped outlot adjacent to a wetland. The predominant site drainage pattern is currently towards an existing wetland south of the project area with portions of the site draining to adjacent properties.
3. The proposed project will construct two multi-unit townhouse buildings with parking and landscaping.
4. The total reconstructed and new impervious surface from proposed improvements is 1.3 acres.
5. The stormwater runoff from the project is proposed to be treated by an existing stormwater pond on the parcel north of the site.
6. The report and associated hydraulic modeling assume site soils have a hydrologic soil group "D" designation. Filtration is being provided in lieu of infiltration due to existing soils on site being non-conductive to infiltration.
7. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings that will be disturbed by the project.

Rule D – Stormwater Management

General

1. The total reconstructed and new impervious surface from proposed roadways, driveways, buildings, and sidewalks is 1.3 acres, all of which is net, new impervious.
2. Based on the geotechnical report, the hydrologic soil group was determined to be "D" Type soils. These underlying soils have very low infiltration capacity.
3. The project proposes to treat stormwater from development by routing runoff to an existing stormwater pond on the parcel north of the site.
4. A manufactured treatment device is proposed to be installed and designed to filter a volume equal to 1.1 inches of runoff from the new impervious surfaces.
5. Stormwater runoff from the proposed development will be collected by storm sewer and piped to the existing stormwater pond.

Rate Controls

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

Table 1 Rate of Discharge Leaving Site (ATLAS 14)

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
South <i>To wetland</i>	Pre-Project	6.98	13.42	26.30
	Proposed	6.69	11.76	19.55
	Change	-0.29	-1.66	-6.75
North <i>EX4</i>	Pre-Project	0.05	0.10	0.20
	Proposed	0	0	0
	Change	-0.05	-0.10	-0.20
Northeast <i>EX3</i>	Pre-Project	0.10	0.20	0.41
	Proposed	0	0	0
	Change	-0.10	-0.20	-0.41
Southeast <i>EX2, PR2</i>	Pre-Project	0.10	0.19	0.40
	Proposed	0.09	0.17	0.36
	Change	-0.01	-0.02	-0.04
TOTAL	Pre-Project	7.23	13.91	27.31
	Proposed	6.78	11.93	19.91
	Change	-0.45	-1.98	-7.40

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 stormwater basins and wetlands.
 - a. The applicant has provided adequate analysis showing that the pond will overflow into the road and that the pond is hydraulically disconnected from the adjacent parking garage.

Operation and Maintenance

The applicant will need to provide an operation and maintenance plan that is approved 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 is not feasible due to the existing soils on site being non-conductive to infiltration.
3. The applicant proposes to use filtration to meet the Commission’s requirement for abstraction.
4. The total proposed and reconstructed impervious surface is 1.3 acres (55,163 sq. ft.). The required 1.1” abstraction volume is 5,057 cu. ft.
5. The abstraction volume provided is 5,185 cu. ft., through filtration.
6. The applicant provided existing and proposed MIDS calculations for the development showing conformance with the water quality requirements.

Table 2 Water Quality Summary

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet)	TP (lbs/year)	TSS (lbs/year)
Pre-Project	11.2	0	4.14	239.7
Proposed (w/ BMP's)	13.2	0	2.59	59.9
Change	2.0	0	-1.55	-179.8

Rule E – Erosion and Sediment Control (plans)

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

Rule I – Buffer Strips

1. Buffer strips **meet** the Commission’s requirements as follows:
 - a. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
 - b. Wetland buffer monumentation does meet the Commission’s requirements.
 - c. Construction plans include wetland buffer plans showing a 10-foot minimum setback and calculations provided showing 25-foot average setback (11,165 SF required, 11,564 SF provided).

Recommendation

Approval

Conditions for Approval

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

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



Date 06/04/2024

Attachments

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

Figure 1 Project Location



Figure 2 Existing Drainage Map

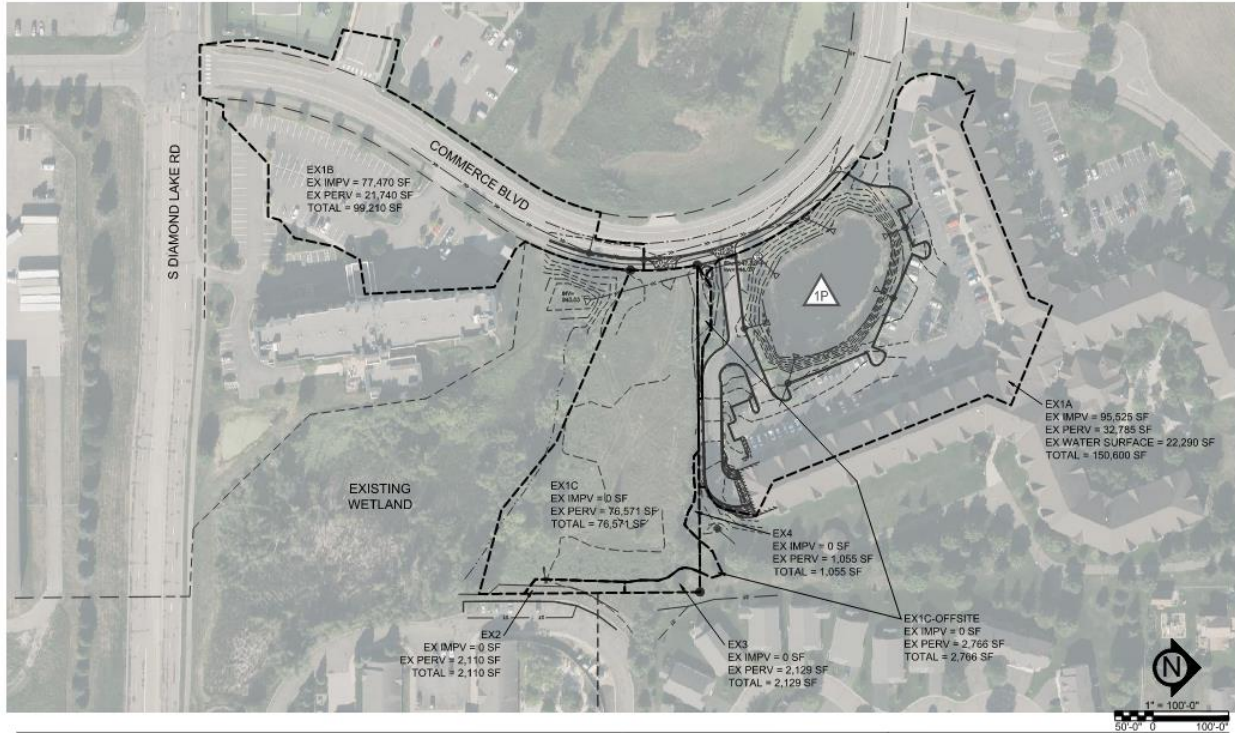
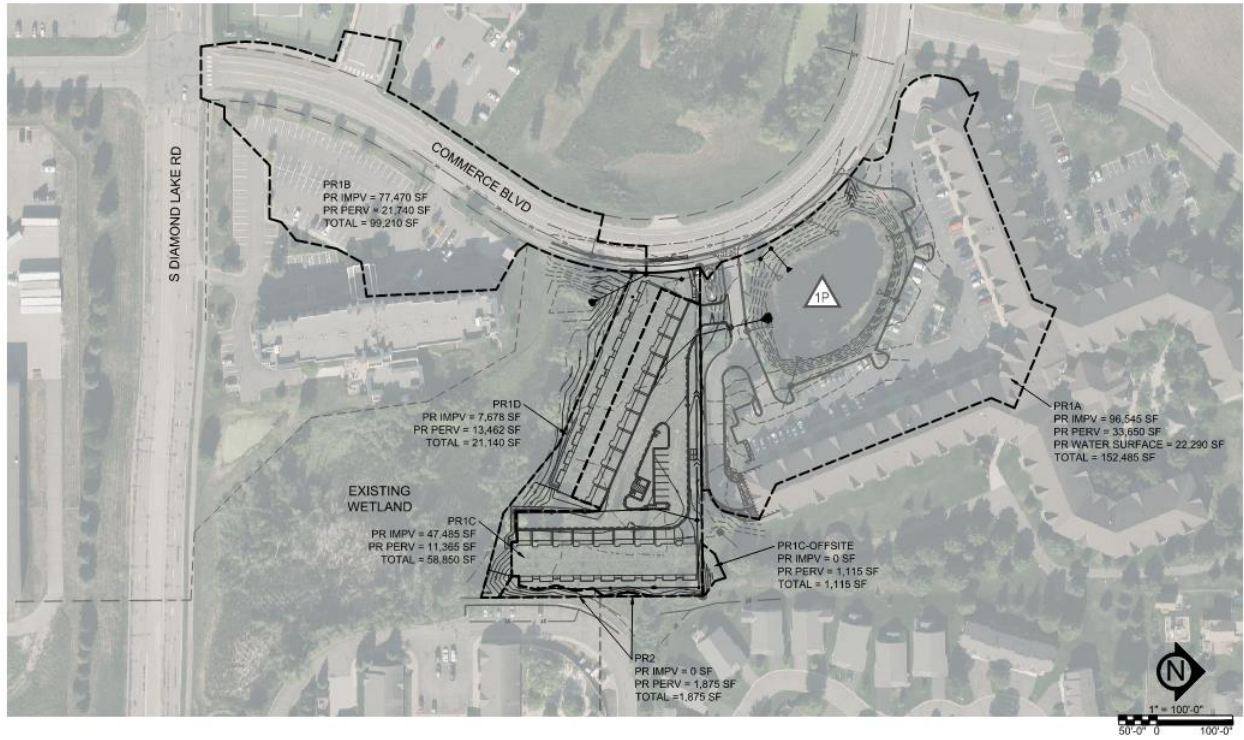


Figure 3 Proposed Drainage Plan



elm creek Watershed Management Commission

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

Red Barn Pet Retreat Corcoran, Project #2024-013

Project Overview:

Location: The 14.89-acre parcel on the northwest corner of Steig Road and Brockton Lane. The border of the South Fork Rush Creek and the Rush Creek subwatersheds bisect the parcel with the east side draining to a wetland in South Fork Rush Creek, and the west side draining to the north and west wetlands.

Purpose: The applicant proposes to construct a building, fenced in synthetic grass area and associated parking area and stormwater conveyance on 3.5 acres of the parcel for a pet care center. The proposed project disturbs 4.77 acres resulting in 1.58 acres of impervious area post project with no existing impervious. The existing site is grassland.

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

Applicant:	Daniel Benjamin	Attention:	
Address:	19520 Stieg Rd, Corcoran, MN 55374	Phone:	612-799-3256
		Email:	dbenjanimabs@gmail.com

Agent:	Ram General Contracting, Inc.	Attention:	Jaimie Cacka
Address:	592 Industrial Drive Winsted, MN 55395	Phone:	320-485-5572
		Email:	JamieC@rambuildings.com

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	04/24/2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	04/24/2024
	<input checked="" type="checkbox"/> City authorization: Corcoran, MN	03/28/2024
	<input checked="" type="checkbox"/> Review fee: \$5,900 (does not include buffer strip fee of \$1,000)	04/24/2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	04/24/2024

Submittals

1. Stormwater Management report for Red Barn Pet Retreat dated 3/20/2024 by SEH which includes HydroCAD existing and proposed model output and narrative. a Hennepin County Custom Soil Resource Report, Pond Net Output, and an Impervious runoff calculation.
2. Civil site plans most recently updated 3/21/24 by SEH.

Findings

General

1. A complete application was received April 24, 2024. The initial 60-day decision period per MN Statute 15.99 expires June 23, 2024.
2. The existing parcel is grass land with no impervious, the proposed development is primarily within the South Fork Rush Creek Parcel with a future roadway (not permitted here) planned at the subwatershed divide.
3. The project disturbs 4.77 acres adding 1.58 acres of new impervious. The site drains primarily to a wetland on the north side of the existing parcel. This wetland drains under Brockton Lane to another wetland east of the road. Proposed drainage directions are similar to existing.
4. Stormwater BMPs proposed to meet the Commission requirements for water quality, rate control and abstraction include ponding and filtration basins.
5. C soils are dominant on site according to the web site soil evaluation, the applicant uses C soils in the existing condition and D soils to represent post construction compacted soils which is a conservative practice.
6. There are wetlands on site and the development drains to an existing wetland off site. No impacts are proposed to the wetlands though buffers and setbacks are required.
7. The proposed building is slab on grade with an FFE proposed of 944.7 and the nearest two ponds sharing 100-year elevations of 941.7 and EOFs of 942.7.

Rule D – Stormwater Management

General

1. Existing drainage on the portion of the site proposed for development is to the existing wetland north of the building.
2. Proposed condition drainage is similar with most of the drainage routed to the existing wetland through stormwater BMPs.
3. The web soil survey shows C/D soils present on site. The HydroCAD model reflects this and is conservative as it uses C soils for the existing condition and D soils to reflect post construction soils.
4. Pretreatment is provided by sump manholes for the runoff directed to filtration BMPs.

Water Quality Controls

1. Water quality controls **will meet** Commission requirements.
2. Pond Net water quality modeling shows a reduction in the nutrient loading from the site from the existing to the proposed condition modeling only the removals by the NURP ponding, not inclusive of the filtration practices or sump manholes. Actual removals may be higher. Modeling is conservative.

Parameter (lbs/ yr)	Existing	Proposed	Change
TP	8.1	4.9	-4.5
TSS	xxx	Xxx	-xx

Rate Controls

1. The rate control meets Commission requirements.
2. The HydroCAD modeling was performed using Atlas 14 precipitation events and MSE3 distribution. Results show that flow rates for the 2, 10 and 100-year events do not exceed or are within the error of the model in the proposed condition relative to existing condition. Staff finds the modeling conservative given the HSG used.

Existing peak flow rates (cfs)

Storm Event	Existing	Proposed
2- year	17.4	17.4
10- year	40.5	40.4
100- year	99.5	99.4

Abstraction Controls

1. The proposal meets the Commission requirements for abstraction.
2. D soils limit the use of infiltration on site. Biofiltration will be used in two of the ponds.
3. The applicant proposes adding 1.6 acres of impervious. The requirement for 1.1 inches of filtration over the new impervious area is 6,373 cubic feet.
4. The two filtration basins provide the filtration volume.
5. Pre-treatment is provided for the filtration volume using sump manholes.

BMP	Filtration Volume Required (CF)	Filtration Volume Provided
East Pond	3,589	4,600
NW Pond	2,784	3,071
Total Filtration	6,373	7671

Rule E – Erosion and Sediment Control

1. Plans **meet** Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices. They include silt fence, erosion control blanket, catch basin inlet protection, riprap, and seeding are proposed to be used at appropriate times throughout construction in order to protect downstream waterbodies.

3. Further, best management practices, such as a rock construction entrance, sump catch basin manholes for pre-treatment, and a concrete washout area.
4. Slopes that are 4:1 or steeper and swales will utilize biodegradable erosion control blanket until turf is established. Any disturbed turf on this site will be regraded then seeded and disk anchored within required timeframes.
5. The erosion and sediment control plan outlines measures that to prevent soil erosion and sediment deposition in surrounding surface waters during construction.

Rule I – Wetland Buffer

1. The project does NOT meet the Commission buffer requirements. Buffers on the south side of the wetland are 26' wide, but slopes are 4:1. Slopes steeper than 6"1 require increased width of the buffer. Further, the buffer requires a 15' setback for building.
2. Buffer signage is appropriate to meet Commission requirements.

Recommendation

Motion: For the Commission meeting, staff recommends approval of project #2024-013 with the following condition(s):

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. Provide WCA delineation report and a plan to meet buffer requirements for steep slopes as well as setback.
3. Provide TSS removal computations that show the BMPs meet Commission standards.
4. Comply with any city requirements outstanding.
5. Provide city-required operation and maintenance plan/ agreement.

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

06/07/2024
Date

Attachments

- Figure 1 Site Location Map
- Figure 2 Aerial Imagery
- Figure 3 Proposed Future Development
- Figure 4 Existing Drainage
- Figure 5 Proposed Drainage

Figure 1 Site Location Map

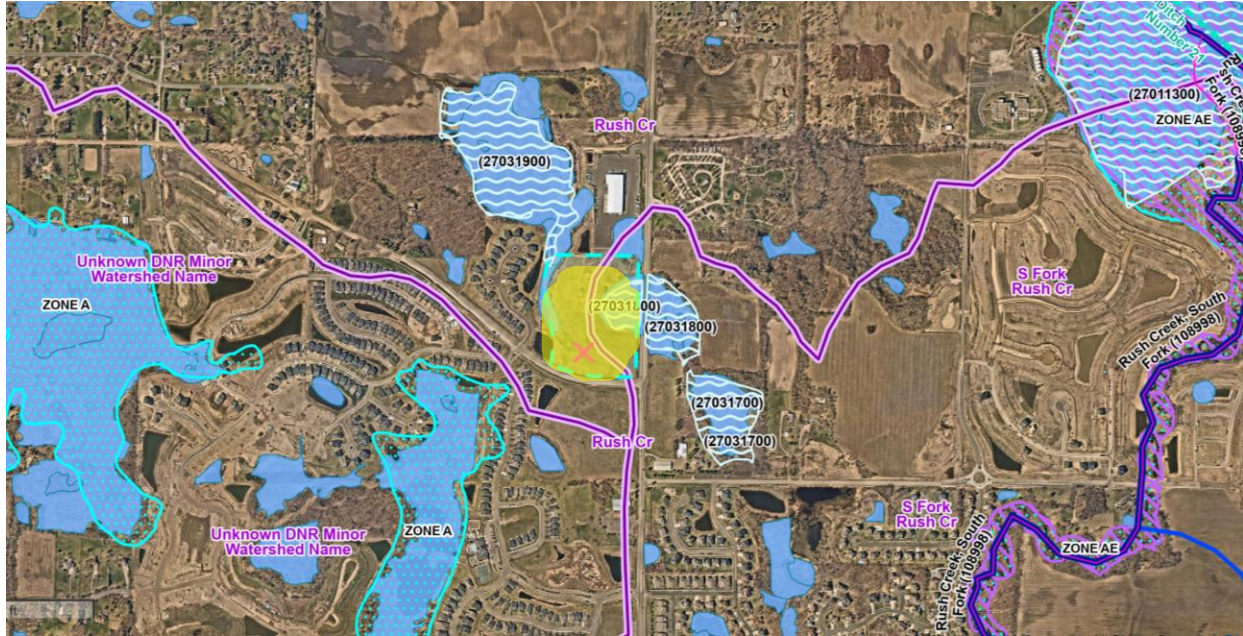


Figure 2 Aerial Imagery

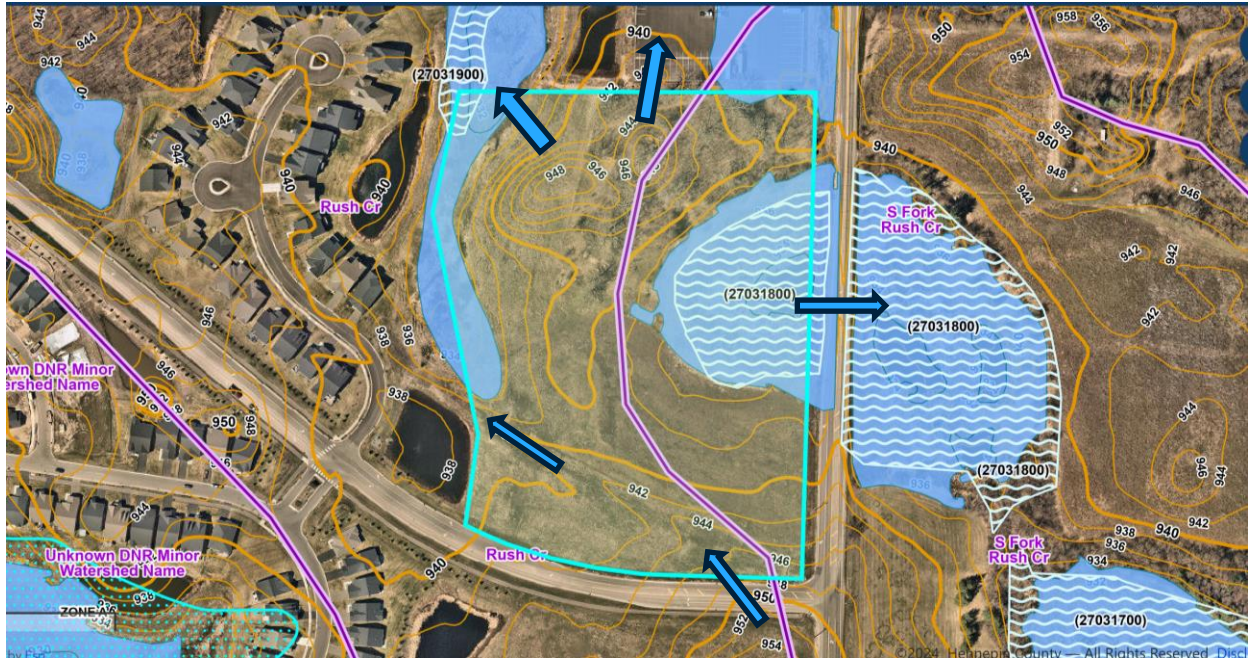


Figure 3 Proposed Development

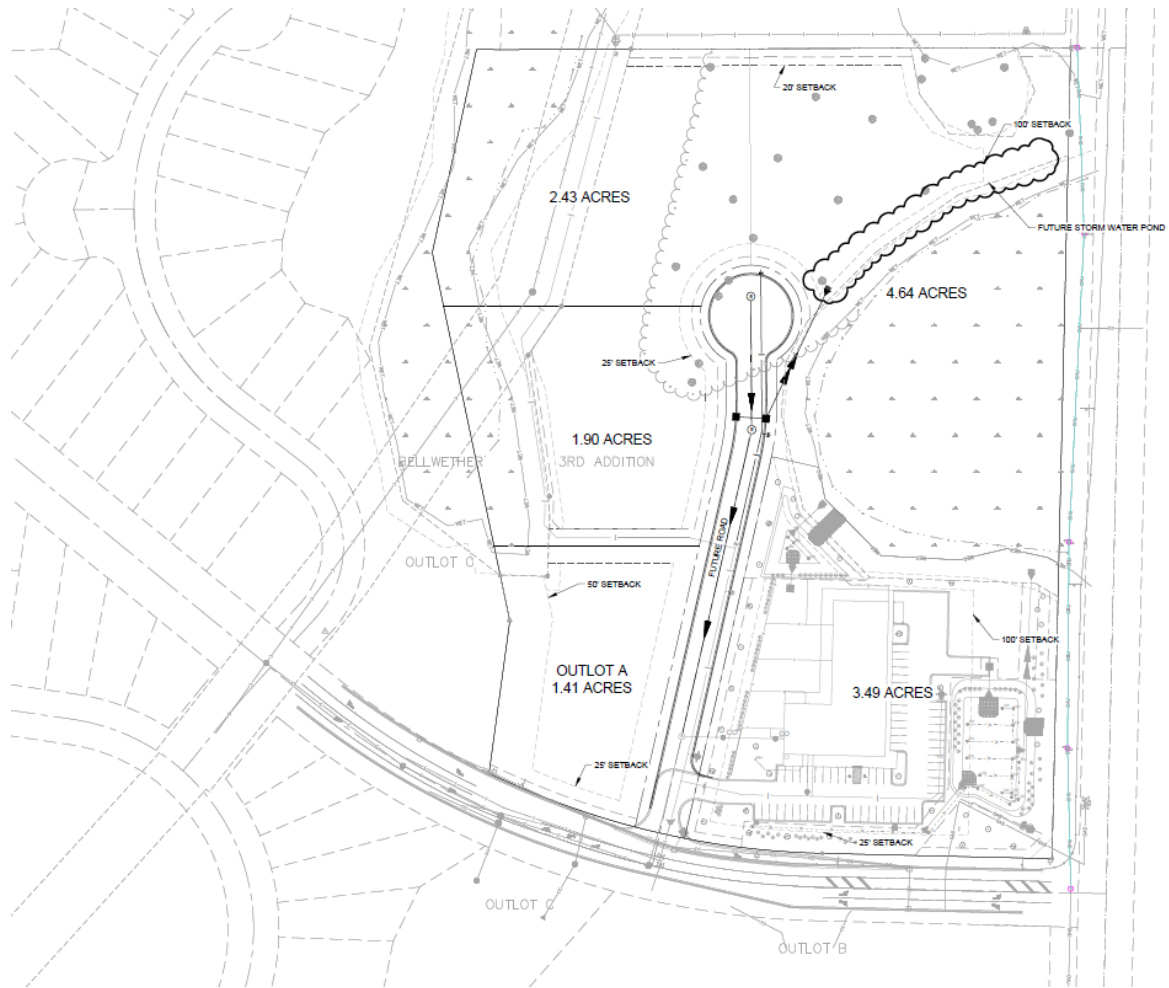


Figure 4 Existing Drainage

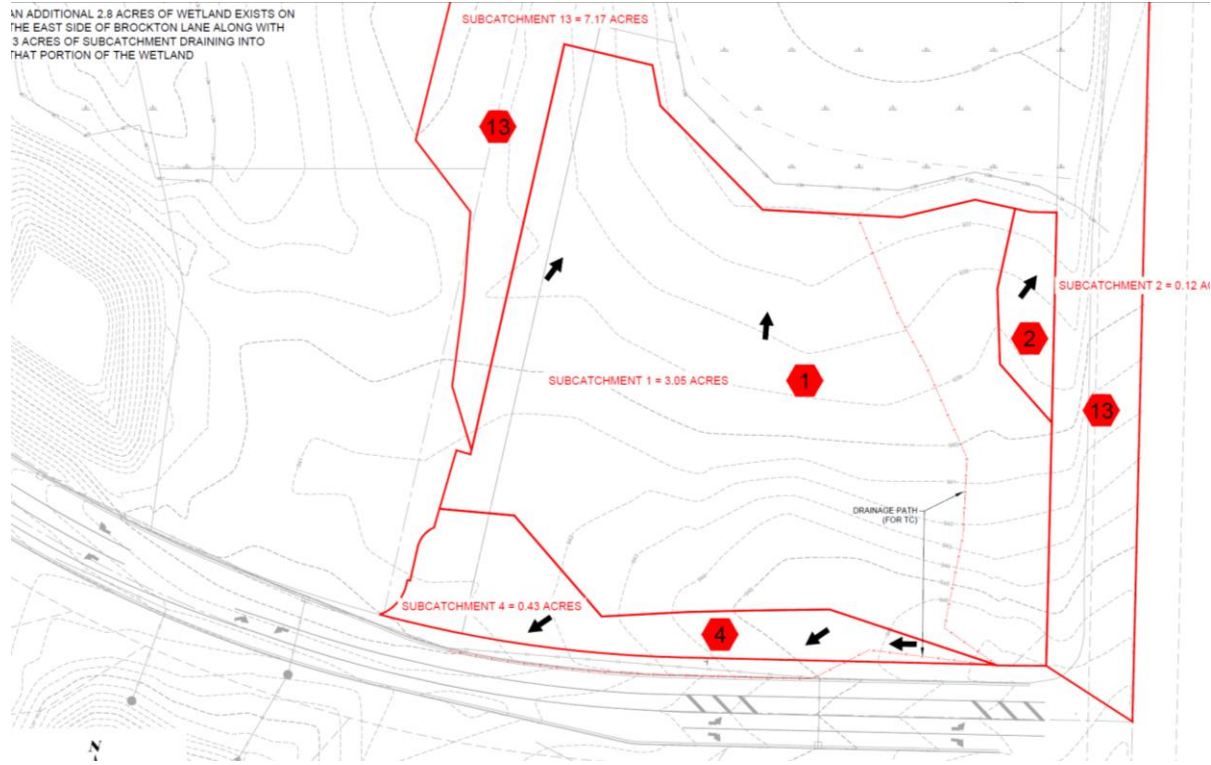
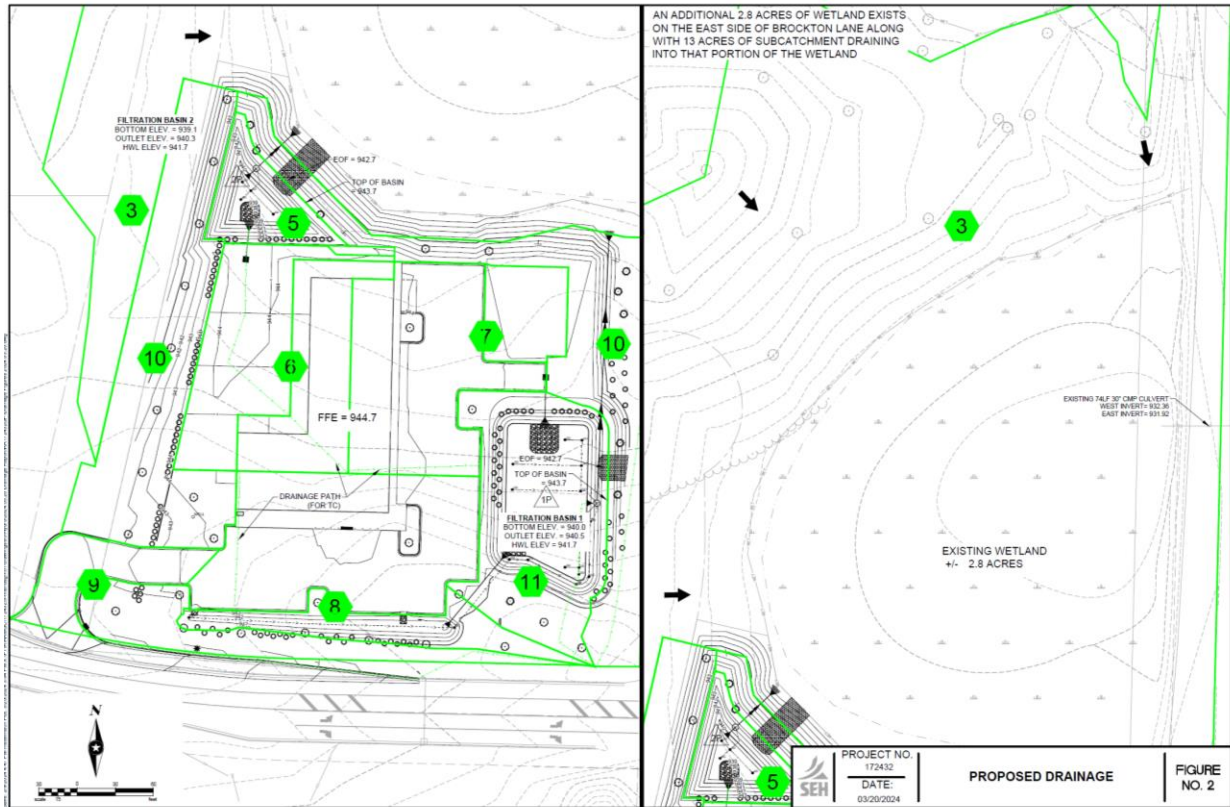


Figure 5 Proposed Drainage



elm creek Watershed Management Commission

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

Schmidt Woods Park #2024-014

Project Overview:

Location: The site is located in Plymouth, MN north of Minnesota State Highway 55 and west of Interstate 494. Local streets bordering the park include railroad right-of-way to the north, Garland Ln N to the east, private property to the west and south, and 47th Ave N to the south. PID 0811822320078, 0811822320079, 0811822320100, 0811822310048

Purpose: The proposed site is public trail, playground, and building construction with corresponding utilities and vegetation.

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

Applicant: City of Plymouth
Address: 14900 23rd Avenue North
Plymouth, MN 55447

Attention: Sonya Rippe
Phone: 763-509-5943
Email: srippe@plymouthmn.gov

Agent: Emmons & Olivier Resources
Address: 1919 University Ave. West Ste 300
St. Paul, MN 55104

Attention: Derek Lash
Phone: 651-770-8448
Email: dlash@eorinc.com

Exhibits:	Description	Date Received
<i>Application</i>	<input checked="" type="checkbox"/> Complete ECWMC Application	April 26, 2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	April 26, 2024
	<input checked="" type="checkbox"/> City authorization: Plymouth, MN	April 18, 2024
	<input checked="" type="checkbox"/> Review fee: \$2,510.50	April 26, 2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	April 26, 2024

Submittals

1. Stormwater Pollution Prevention Plan, dated April 17th, 2024, prepared by Emmons & Olivier Resources, Inc.
2. Construction Plans, dated April 17th, 2024, prepared by Emmons & Olivier Resources, Inc.
3. ECWMC Application, dated April 26th, 2024, prepared by Emmons & Olivier Resources
4. WCA Notice of Decision for the approval of Wetland boundary and type dated July 21, 2023.

Findings

General

1. A complete application was received April 26th, 2024. The initial 60-day decision period per MN Statute 15.99 expires June 25th, 2024.
2. The proposed project is reconstruction of an existing road and dead-end cul-du-sac (Holly Lane N) into the development of a 7.87-acre public park.
3. The existing 7.87-acre site contains 0.60-acres of existing impervious surfaces.
4. The project will disturb 4.40 acres and results in 0.91-acres of new or reconstructed impervious surfaces.
5. Stormwater management for this project is not required as the linear project results in less than 1.0 acres of new or reconstructed impervious surfaces.
6. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings that will be disturbed by the project.

Rule E – Erosion and Sediment Control (plans)

1. Plans **meet** the Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Silt fence
 - b. Sediment control log
 - c. Double sediment log upgradient of wetlands
 - d. Erosion control blanket
 - e. Storm drain inlet protection
 - f. Stabilization of disturbed soil areas
 - g. Construction Site Entrance

Rule I – Buffer Strips

1. Buffer strips **meet** the Commission's requirements as follows:
 - a. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
 - b. The applicant has provided the City's standard template for wetland buffer signage.
 - c. Wetland buffer monumentation does meet the Commission's requirements.
 - d. The buffer strip meets the Commission's minimum (10 feet) and average (25 feet) standards.
 - i. The applicant is providing 4,445 sf of buffer when 2,625 sf is required.

Recommendation

Approval with one condition(s).

Conditions for Approval

1. Approval is contingent upon final application escrow fee balance. Additional payment or refund of the fees will be determined when all conditions for approval are met.

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



Date 5/23/2024

Attachments

- Figure 1 Project Location
- Figure 2 Existing Condition Plan
- Figure 3 Park Site Plan
- Figure 4 Wetland Buffer

Figure 1 Project Location



Figure 2 Existing Condition Plan

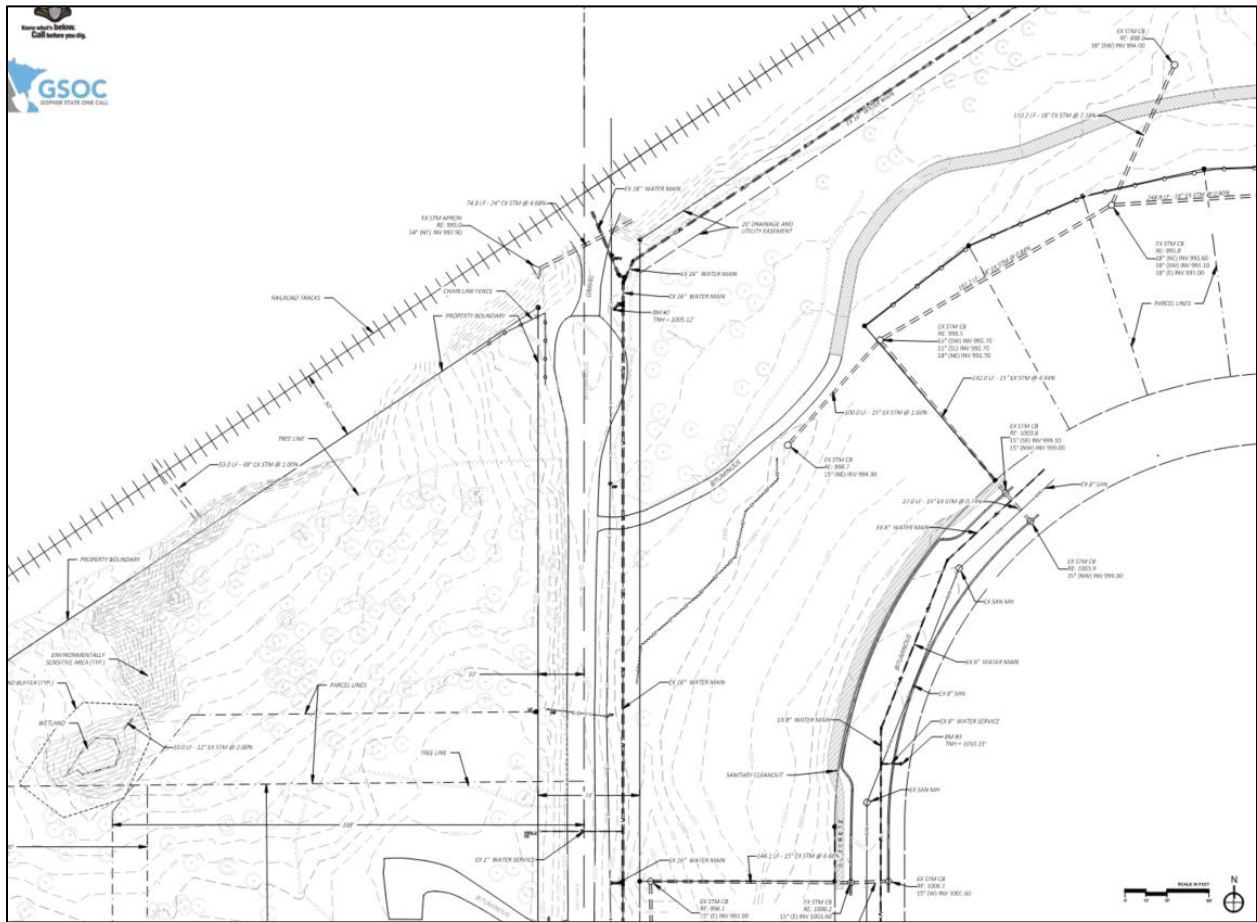
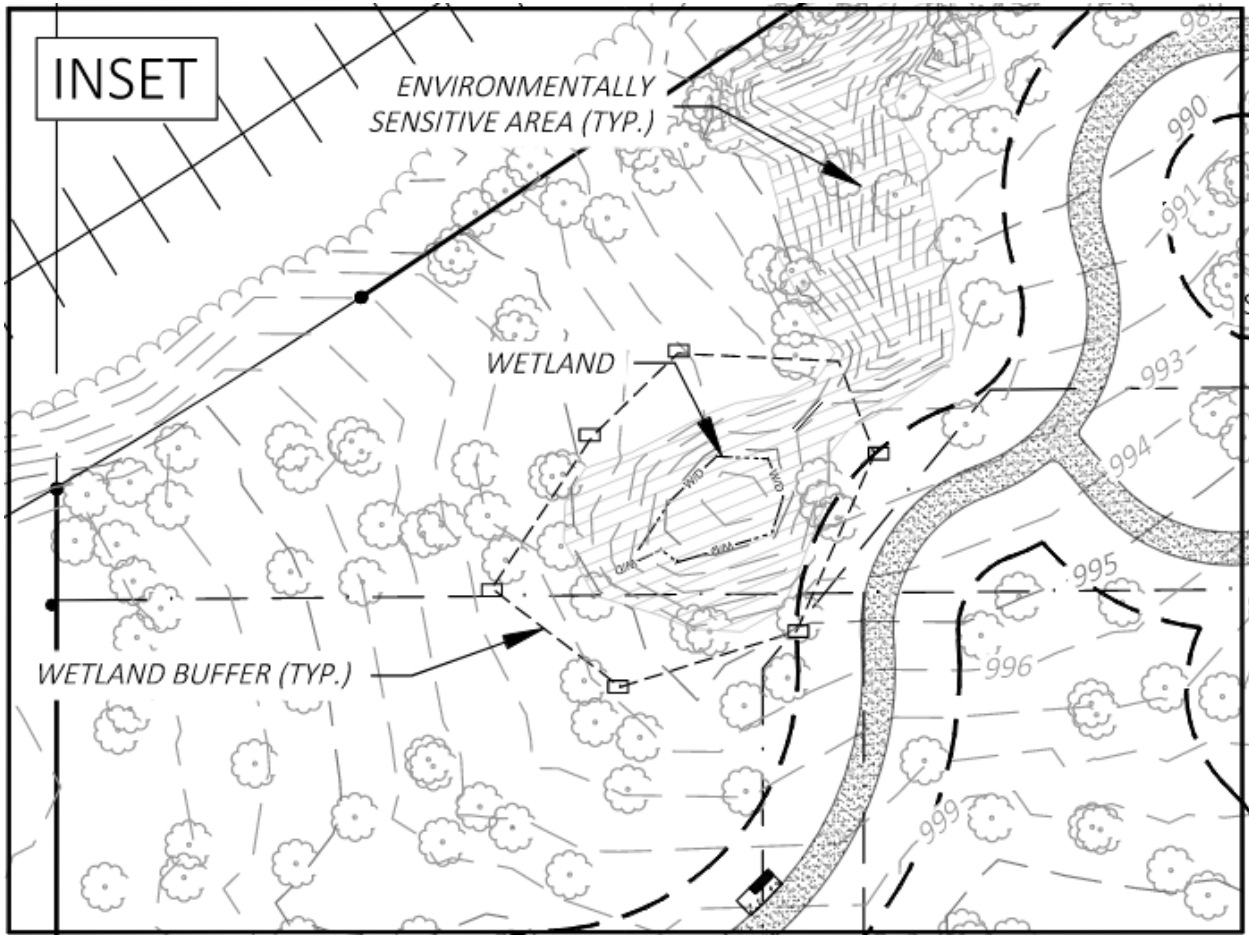


Figure 4 Wetland Buffer



elm creek Watershed Management Commission

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

Hennessey Grove #2024-015

Project Overview:

Location: The 9.78-acre site is located in Maple Grove, MN south of Bass Lake Road and east of Lawndale Lane N. PIDS 3211922220022 & 3211922220005

Purpose: The proposed site is a new 9.78-acre development within the city limits of Maple Grove. The project includes mass grading, utilities, and a storm basin.

WMC Rules Triggered:

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

Applicant: Centra North, LLC.	Attention: Carole Toohey
Address: 11460 Robinson Dr, NW Coon Rapids, MN 55433	Phone: 612-405-7523 Email: Carole.toohey@centranorth.com
Agent: Sathre-Bergquist, Inc.	Attention: Charles Wiemerslage
Address: 14000 25 th Ave North, Suite 120 Plymouth, MN 55447	Phone: 952.476.6000 Email: cwiemerslage@sathre.com

Exhibits:	Description	Date Received
Application	<input checked="" type="checkbox"/> Complete ECWMC Application	May 2, 2024
	<input checked="" type="checkbox"/> ECWMC Request for Review and Approval	May 2, 2024
	<input checked="" type="checkbox"/> City authorization: Maple Grove, MN	May 1, 2024
	<input checked="" type="checkbox"/> Review fee: \$5,900	May 2, 2024
	<input checked="" type="checkbox"/> Project Documents (site plans, reports, models, etc.)	April 8, 2024

Submittals

- Stormwater Management Plan, dated April 5th, 2024, prepared by AE2S
- Construction Plans, dated April 8th, 2024, prepared by Sathre-Bergquist, Inc
- ECWMC Application, dated May 2nd, 2024, prepared by Carole Toohey.
- Updated HydroCAD report, dated May 13th, 2024, prepared by AE2S
- Updated Construction Plans, Wetland Buffer, dated April 30th, 2024, prepared by Sathre-Bergquist, Inc.
- ECWMC Application Additional Escrow, May 20th, 2024, prepared by Carole Toohey.
- Updated Construction Plans, dated June 3rd, 2024, prepared by Sathre-Bergquist, Inc.
- Minnesota Wetland Conservation Act- Notice of Decision, dated May 21st, 2024, prepared by Carole Toohey.
- Wetland Delineation Report, dated April 15th, 2024, prepared by Midwest Natural Resources, Inc.

Findings

General

1. A complete application was received May 2nd, 2024. The initial 60-day decision period per MN Statute 15.99 expires July 6th, 2024.
2. The existing 9.78-acre site contains 2.07-acres of impervious single family home lots off 68th Avenue South. The site contains woods/grass, lawns, woods, impervious surfaces, and wetlands. The majority of the site slopes to the west, discharging to a large onsite wetland. A small portion of the site located on the northeast corner directly east drains east off site. The remaining southeastern portion of the site drains to a smaller onsite wetland located on the southeast corner of the property. Site soils for the site were classified as HSG C and D soils.
3. The proposed project will redevelop the site to include residential housing. The majority of the proposed impervious surface will be routed via storm sewer and overland drainage to the filtration basin. A small portion of the site located along the south will first drain to Wetland 1 before discharging to the filtration basin via storm sewer. Water treated in the filtration basin will discharge to Wetland 2.
4. The project will disturb 5.75 acres and create 1.63 acres of new or reconstructed impervious surfaces.
5. Stormwater management for this project is provided by storm sewer routing to a filtration basin and two wetlands.
6. There are no Elm Creek Watershed jurisdictional floodplains or stream crossings that will be disturbed by the project.

Rule D – Stormwater Management

General

1. The total proposed constructed new and reconstructed impervious surface from proposed homes, walkways, streets is 1.63-acres.
2. Based on the geotechnical report, site soils are primarily loamy soils and have moderate infiltration rates and reside in hydrologic soil groups C and D.
3. Stormwater runoff is conveyed via overland and curb and gutter to sewer to the proposed filtration basin and a small portion routed to the wetland 2 and discharging to the filtration basin which ultimately discharges to Wetland 1.

Rate Controls

1. Rate control **meets** Commission requirements.
2. The proposed basin is designed to treat the proposed development and was sized to draw down within 48 hours.
3. Rate control is met via the filtration basin and wetlands. The applicant provided HydroCAD model output for the 2-year, 10-year, and 100-year events total outflow from each outlet. The rates are summarized in Table 1 below.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
South Wetland	Existing	11.1	14.7	52.2
	Proposed	9.6	11.9	52.1
	Change	-1.4	-2.8	-0.1
68 th Place N (East)	Existing	0.3	0.7	1.8
	Proposed	0.1	0.3	0.6
	Change	-0.2	-0.4	-1.2
TOTAL	Existing	11.4	15.4	54
	Proposed	9.7	12.2	52.7
	Change	-1.6	-3.2	-1.3

Low Floor Elevations

1. Low floors **meet** Commission requirements.
2. The proposed buildings adjacent to the stormwater filtration basin, Wetland 1, Wetland 2 and CB1 have a low floor elevations of 955.8, 958.3, 955.8, and 966, respectively. The 100-year HWL of the filtration basin, Wetland 1, Wetland 2, and CB1 is 951.3, 955.5, 946.6, and 959.3, respectively with EOFs of the filtration basin and Wetland 1 at 951 and 955.5, respectively. This meets the requirements of 2' freeboard for the 100-year HWL and 1' above the EOF.

Abstraction Controls and Water Quality

1. Abstraction and Water Quality controls do not **meet** Commission requirements.
 - a. Infiltration from 1.1 inches of runoff from impervious areas is not feasible due to the presence of Type D soils.
 - b. The project proposed 1.63 acres of new and reconstructed impervious surfaces requiring 6,509 CF of abstraction below the primary outlet. The proposed filtration basin on the west side of the site has an abstraction volume of 7,400 CF within the filtration area elevations (948.5-949.4).

Table 2 Water Quality Summary

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet)	TP* (lbs/year)	TSS* (lbs/year)
Pre-Project	102.5	0	1.9	588.5
Proposed (w/ BMP's)	134.3	7,400 (6,509 required)	1.9	428
Change	31.8 excess	891 excess	0	-160.5

Rule E – Erosion and Sediment Control (plans)

1. Plans do not **meet** the Commission requirements for erosion and sediment control.
2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Silt fence
 - b. Storm drain inlet protection
 - c. Stabilization of disturbed soil areas
 - d. Construction Entrances

Rule I – Buffer Strips

1. Buffer strips **meet** the Commission’s requirements as follows:
 - a. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
 - b. The applicant has provided the City’s standard template for wetland buffer signage.
 - c. Wetland buffer monumentation does meet the Commission’s requirements.
 - d. Wetland 1: The buffer strip meets the Commission’s minimum (10 feet) and average (25 feet) standards.
 - i. The applicant is providing 11,880 sf of buffer when 9,893 sf is required.
 - e. Wetland 2: The buffer strip meets the Commission’s minimum (10 feet) and average (25 feet) standards except for the portion within the right-of-way along 68th Avenue North.
 - i. The applicant is providing 38,164 sf of buffer when 30,534 sf is required.

Recommendation

Approval with two condition(s).

Conditions for Approval

1. Approval is contingent upon final application escrow fee balance. Additional payment or refund of the fees will be determined when all conditions for approval are met.
2. Provide concurrence from the City that the proposed sidewalk will not require wetland mitigation.
3. Provide sidewalk grading plan showing that the sidewalk along 68th Ave N drains towards the street and not towards Wetland 2.
4. Confirm that Storm Manholes (STMH) #2 and #12 have 4-foot sumps.

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 grid background.

Date 6/4/2024

Attachments

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

Figure 1 Project Location

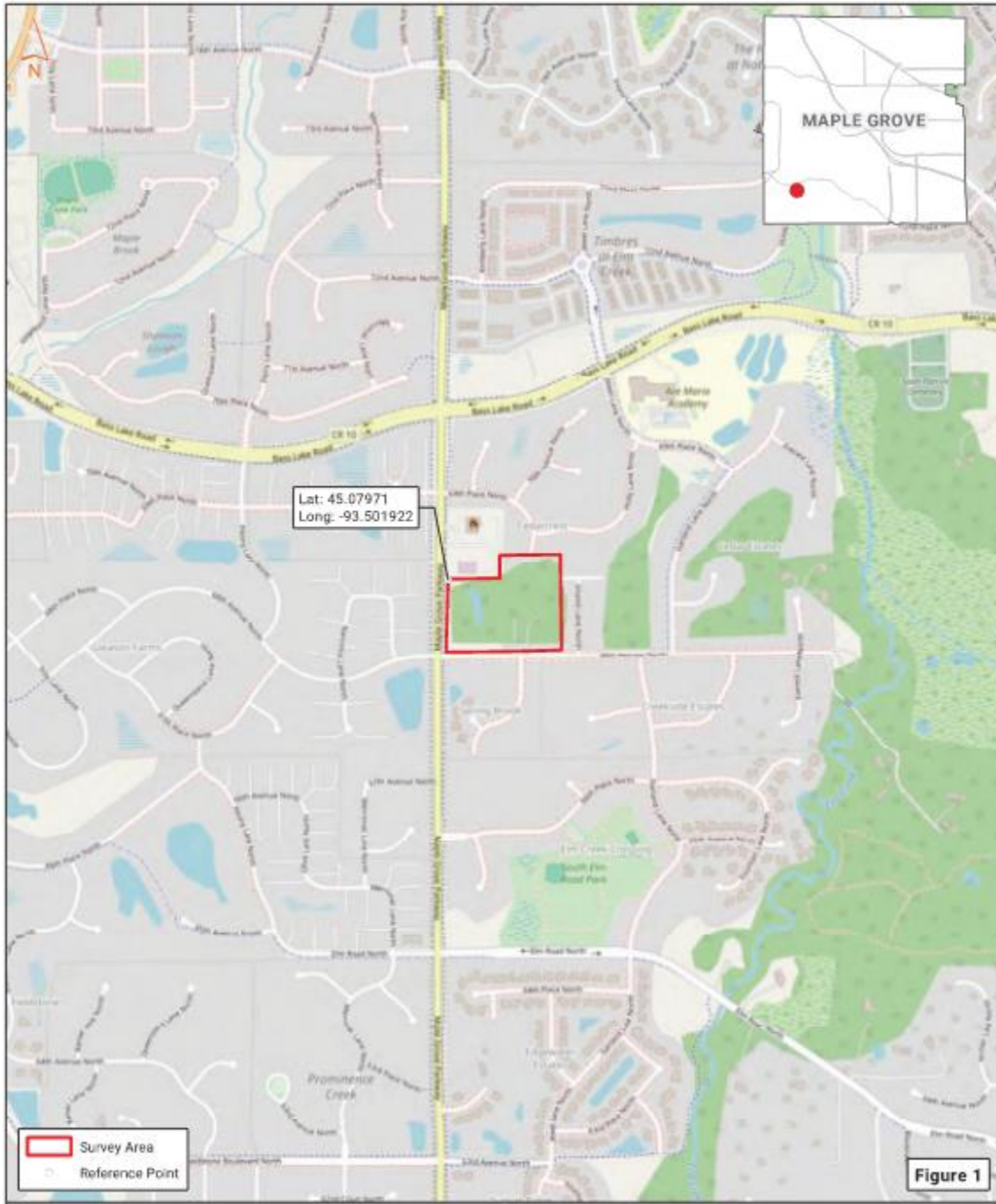
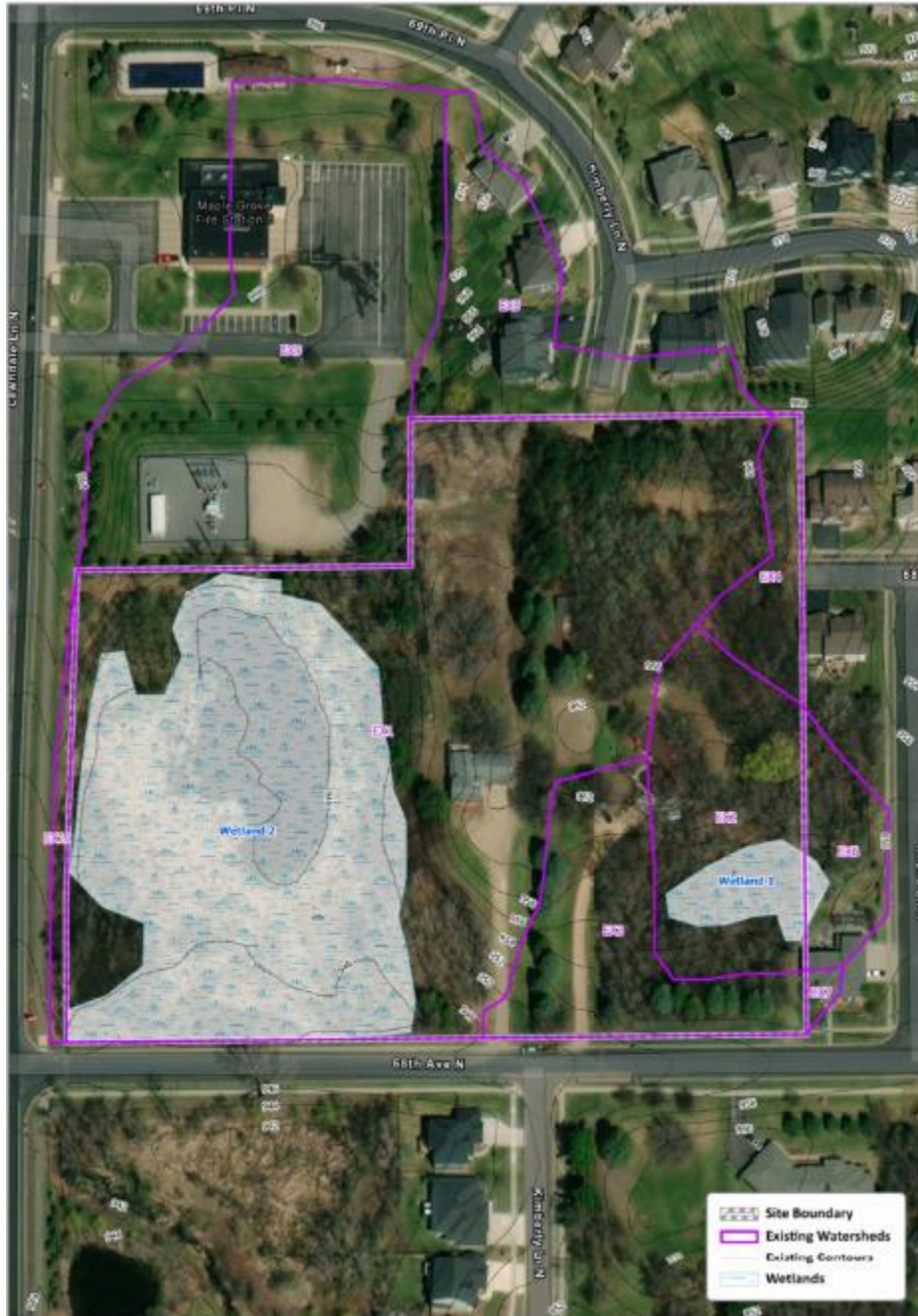


Figure 2 Existing Drainage Map



Information displayed may include data provided by AES. Any reliance upon such data is at the user's own risk. AES does not warrant this map or its features are either spatially or temporally accurate. Coordinate System: NAD 1983 MN State Plane North, Minnesota Feet. | Created/Updated: 4/29/2024 - Hennessey Grove, Centre Homes, Maple Grove/MG20/Hennessey Grove/Hennessey Grove, Ave | Portrait 11x17, fig 2

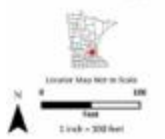


Figure 2
EXISTING CONDITIONS MAP
HENNESSEY GROVE/SATHRE-BERGQUET
Maple Grove | Hennepin County, MN



Figure 3 Proposed Drainage Plan



Information displayed may include data unverified by AES. Any reliance upon such data is on the user's own risk. AES does not warrant the map or its features are either spatially or temporally accurate.
Coordinate System: NAD 1983 100N Adj MN Hennessey Feet | Edited by: Rosemary J. C/MH/S/rosemary@aes.com - Hennessey Grove, Centre Homes, Maple Grove/MG/SH/Hennessey Grove/Hennessey Grove.aprx | Postcard 11x17_rpt

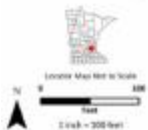


Figure 3
PROPOSED CONDITIONS MAP
HENNESSEY GROVE/SATHRE-BERGQUET
Maple Grove | Hennepin County, MN



To: Elm Creek WMO Commissioners

From: Erik Megow, PE
Diane Spector

Date: June 5, 2024

Subject: Set Maximum 2024 Levy

**Recommended
Commission Action**

By motion set your 2024 maximum levy as \$583,275

This action is to set the maximum amount of capital projects levy the Commission expects to certify to Hennepin County. The actual levy will be certified in September, after the Commission holds public hearings on the proposed projects. Table 1 shows the projects that will be considered in September. The Maximum Levy sets the ceiling for the capital levy; the Commissions can certify a lesser levy but cannot increase it. In addition to the project cost, the Commission levies an additional 5% to cover administrative costs, and 1% to cover uncollected levies, based on the historical rates. These maximum levies must be reported to Hennepin County by June 21.

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

Project	Total Estimated	City/ Other	Commission Share	Total Levy
Rush Creek Hollow Stream Restoration	\$1,600,000	\$1,400,000	\$400,000	\$424,200
City Cost Share	100,000	100,000	100,000	106,050
Partnership Cost Share	50,000	0	50,000	53,025
Subtotal	\$1,750,000	\$1,500,000	\$550,000	\$583,275
5% additional for legal/admin costs			27,500	
Subtotal			577,500	
TOTAL LEVY (101% for uncollectable)			\$583,275	\$583,275

Project Descriptions

Rush Creek Stream Restoration-Rush Hollow. Stream restoration and erosion repair from Orchid Ln to Fernbrook Ln, approximately 4,000 linear feet. Estimated phosphorus reduction of 200 lbs per year, improved riparian environment, improved floodplain connectivity, improved recreation and access to the creek, and improved education.

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.

To: Elm Creek WMO Commissioners/TAC
From: Budget Committee
Date: June 5, 2024
Subject: Final Proposed 2025 Budget

Recommended Commission Action	Review and discuss. Adopt the proposed 2025 budget with any revisions from the floor.
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According to the Joint Powers Agreement, the Commission must on or before June 15 of each year adopt a budget for the coming year. Typically, the Commission considers a preliminary budget in May of each year, either adopting it at the May meeting or holding over action to the June meeting. The budget must be transmitted along with notice of the apportionment of costs to each city by July 1. Member cities then have until August 15 to comment on or raise objections to the budget. If no objections are submitted, the budget proceeds as adopted. If objections are submitted in writing, then the Commission must hold a public hearing to consider modifying the budget or proceeding with no change.

The proposed budget shown in Table 1 reflects discussion at the May 8, 2024 TAC and Commission meetings. It separates the operating expenses from the capital and other non-operating expenses and revenues, which are accounted for separately and which will be reviewed in June. This separation allows you to more clearly determine if your assessments and project review fees are adequately funding operating expenses, or whether you are operating a deficit or surplus. It is analogous to a governmental General Fund budget rather than an all funds, balance sheet style.

The 2025 budget as proposed is a continuation of the programs and activities undertaken in 2024, with some slight modifications. Figure 1 shows the proposed operating budget by expenditure category, while Table 1 shows the proposed operating budget by line item. The final proposed 2025 operating budget is about an \$1,800 increase over the 2024 budget. However, some budget modifications are proposed:

1. Table 1 contains two updates to the May proposed expenses for 2025. First, the lake and stream monitoring costs for 2025 have been updated by Three Rivers Park District. This added about \$3,600 to the proposed budget expense. Second, the West Metro Water Alliance (WMWA) proposes to increase its budget in 2025 from \$44,000 to \$60,000, which increases each partner share to \$15,000. The additional budget reflects the increased Watershed PREP activity as well as potential additional outreach, especially concerning chloride use.
2. The budget includes a proposed increase in the administrative budget, which has only been modestly increased in the past several years. In the meantime, there has been an increase in the number of TAC, WBIF, and other meetings and project and grant accounting has grown more complex. The proposed increase has been reduced \$2,000 from the draft budget shown last month to partially offset the increase in monitoring and education costs.

3. The costs and revenues shown for project reviews in 2025 are based on the revised fee structure and our experience over the last few years. Some of the previous budgets simply brought forward old numbers, and in some cases overestimated costs and potential revenues.
4. Some adjustments have been made to individual line items based on past experience and based on the increasing cost of doing business.
5. One source of revenue that has in the past helped to subsidize the member assessments is investment interest. A combination of higher interest rates and a significant fund balance resulted in significant interest income in past years. As projects are completed and the Commission pays out levy and grant funds for those projects, interest earnings will fall.

The 2025 budget as proposed includes a 5.0% increase in city assessments, compared to the 4.7% increase proposed in the draft budget. There was no increase in 2024. The proposed 2025 budget assumes a \$20,000 contribution from cash reserves, compared to the \$15,000 proposed in the draft budget. The Commission's Comprehensive Fund Balance Policy requires that the Commission maintain a cash reserve equal to either 50% of annual operating revenues or five months of operating expenses.

Using the 2024 budget, that minimum reserve balance would be about \$157,000. According to the annual audit, the Unrestricted Fund Balance at the end of 2022 was \$141,927. However, there was also an unusually high project review fees escrow liability of nearly \$80,000 that had not yet been collected. While the 2023 year-end balance is still under audit, it appears likely that the Commission currently maintains more than adequate cash reserves, especially since it appears at year end the budget ended with a \$58,000+ surplus due to interest earnings. We expect to have updated balance figures at the June meeting.

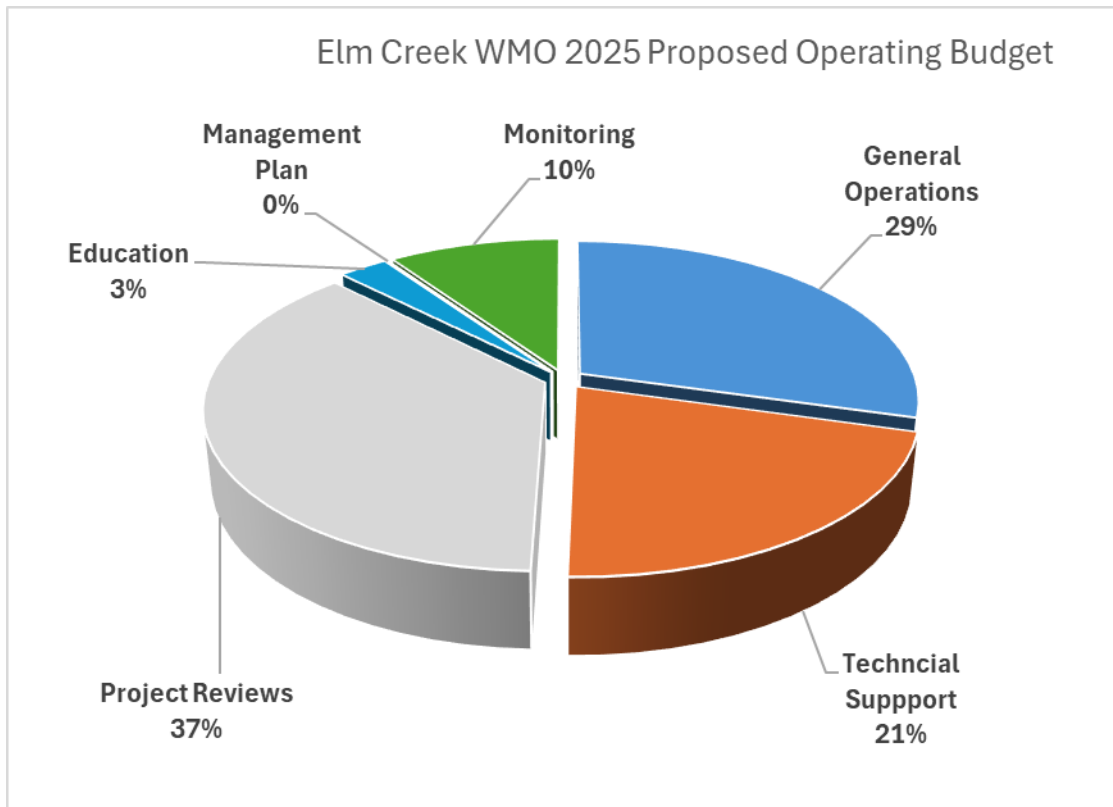


Figure 1. Proposed 2025 operating budget by expenditure category.

City Assessments

Table 2 details the proposed member city assessments for 2025 compared to previous years. The 2025 assessments are based on the revised legal boundary. It is not possible to do an apples-to-apples comparison of 2024 to 2025 to evaluate the impact of the boundary change on the assessments. However, Table 3 may provide some helpful context. There were 1146 acres (600 parcels) that moved out of West Mississippi and into Elm Creek, mostly from Champlin, and only 52 acres that moved from Elm Creek into West Mississippi. Shingle Creek gained 60 acres from Elm Creek, but 627 acres moved from Shingle Creek into Elm Creek, mostly in Plymouth. About 550 acres moved out of Elm Creek into Bassett Creek, mostly from Plymouth. The net impact was an increase in the Elm Creek watershed legal boundary area of almost 0.4 square miles.

Table 3 shows the area by city before and after the boundary change. Note that the percent of watershed area changed slightly, most notably in Champlin, but that is still less than one-half percent.

Assessments are based on share of taxable market value, and the table shows the taxable market value within each city's share of the watershed for 2024 compared to the 2023 value prior to the boundary change. While there is some variability year to year in market value and that variability is uneven across the cities, it is likely that a good share of the annual change this year was from the boundary revision.

Table 3. Area and market value changes before and after legal boundary revision.

City	Area (sq mi)			% of watershed		Taxable market value			% of watershed	
	Old	New	Change	Old	New	Old (2023)	New (2024)	Change	Old	New
Champlin	3.08	3.68	16.3%	2.4%	2.8%	\$898,761,000	\$1,161,197,800	22.6%	4.0%	5.1%
Corcoran	36.06	36.07	0.0%	27.6%	27.5%	1,808,292,200	1,806,478,300	-0.1%	8.0%	8.0%
Dayton	25.17	25.08	-0.4%	19.3%	19.1%	2,031,786,500	2,038,390,200	0.3%	9.0%	9.0%
Maple Grove	26.32	26.06	-1.0%	20.2%	19.9%	10,043,624,100	10,089,589,600	0.5%	44.7%	44.5%
Medina	9.34	9.37	0.3%	7.2%	7.2%	1,680,727,800	1,684,881,900	0.2%	7.5%	7.4%
Plymouth	4.44	4.51	1.6%	3.4%	3.4%	2,671,442,700	2,570,902,100	-3.9%	11.9%	11.3%
Rogers	26.2	26.2	0.0%	20.1%	20.0%	3,339,194,100	3,340,724,100	0.0%	14.9%	14.7%
TOTAL	130.61	130.97				\$22,473,828,400	\$22,692,164,000			

Table 1. Proposed 2025 budget.

Line	Category	2023 Budget	2023 Pre-Audit	2024 Budget	Proposed 2025 Budget
EXPENSES					
GENERAL OPERATING EXPENSES					
1	Administrative	100,000	117,144	100,000	118,500
2	Grant Writing	0	0	3,000	3,000
3	Website	2,000	1,414	2,000	2,000
4	Legal Services	2,000	589	2,000	2,000
5	Audit	6,500	6,800	7,000	7,200
6	Insurance	4,000	3,551	4,000	4,000
7	Meeting Expense	0	1,753	4,800	6,000
	Subtotal General Operating Expenses	\$114,500	\$131,251	\$122,800	\$142,700
TECHNICAL SUPPORT					
8	Tech support - HCEE	20,000	19,684	22,000	25,000
9	General Technical Services	70,000	89,846	75,000	78,000
	Subtotal Technical Support	\$90,000	\$109,530	\$97,000	\$103,000
PROJECT REVIEWS					
10	Technical Reviews	184,000	107,569	184,000	162,000
11	Administrative Support	16,000	16,173	21,250	20,000
	Subtotal Project Reviews	\$200,000	\$123,742	\$205,250	\$182,000
EDUCATION					
12	Education - City/Citizen Programs	2,000	843	2,000	2,000
13	West Metro Water Alliance	11,500	9,000	11,500	15,000
	Subtotal Education	\$13,500	\$9,843	\$13,500	\$17,000
WATERSHED MANAGEMENT PLAN					
14	Plan Amendments	2,000	580	2,000	500
15	Contribution to 4th Generation Plan	12,500	12,500	12,500	0
	Subtotal Watershed Management Plan	\$14,500	\$13,080	\$14,500	\$500
WATER MONITORING PROGRAMS					
	<i>Stream Monitoring</i>				
16	USGS Site Share	24,000	32,400	12,500	21,520
17	TRPD-Routine Monitoring	10,020	10,020	10,020	11,730
18	Biological Monitoring	4,500	0	0	0
19	DO Longitudinal Survey	2,400	0	2,400	2,400
20	Partnership Biomonitoring	2,000	0	0	0
21	Gauging Station - Electric Bill	440	389	480	480
	Subtotal Stream Monitoring	\$43,360	\$42,809	\$25,400	\$36,130
	<i>Lake Monitoring</i>				
22	CAMP	840	0	840	840
	TRPD- Routine Monitoring				
23	Sentinel Lakes + Additional Lake	10,412	10,412	10,412	12,360
24	Aquatic Vegetation Surveys	1,365	1,365	1,365	1,365
	Subtotal Lake Monitoring	\$12,617	\$11,777	\$12,617	\$14,565
	<i>Other Monitoring</i>				
25	Macroinvertebrate Monitoring-River Watch	0	0	3,000	0
	Subtotal Other Monitoring	\$0	0	3,000	0

Line	Category	2023 Budget	2023 Pre-Audit	2024 Budget	Proposed 2025 Budget
	Subtotal Monitoring Expense	\$55,977	\$54,586	\$41,107	\$50,695
TOTAL GEN OPERATING EXP		\$488,477	\$442,032	\$494,067	\$495,895
REVENUE					
GENERAL OPERATING REVENUE					
26	Membership Dues	250,000	250,000	250,000	262,395
27	Interest Income	500	86,477	10,000	25,000
28	Dividend Income	250	0	0	0
29	From Cash Reserves	0	0	0	20,000
30	TRPD Cooperative Agreement	6,500	6,500	6,500	6,500
	Subtotal General Operating Revenue	\$257,250	\$342,977	\$266,500	\$313,895
PROJECT REVIEW REVENUE					
31	Project Review Fees	184,000	139,511	184,000	162,500
32	Nonrefundable Admin	16,000	7,153	21,250	7,500
33	Nonrefundable Tech	17,000	10,905	27,600	12,000
	Subtotal Project Review Revenue	\$217,000	\$157,569	\$232,850	\$182,000
TOTAL GEN OPERATING REVENUE		\$474,250	\$500,546	\$499,350	\$495,895
OPERATING SURPLUS OR (DEFICIT)		(\$14,227)	\$58,514	\$5,283	\$0

2025 Budget Explanation

Line	Comment
EXPENSES	
1	This line item is to provide administrative support (scheduling, minutes, etc.) for regular Commission and TAC meetings and any other meetings that require support, as well as general administrative duties such as bookkeeping, notices, mailings, and correspondence.
2	The cost of writing grants and doing grant reporting. This separate line item was new in 2024.
3	The annual cost of hosting the Commission’s website and general content updates.
4	The legal cost of reviewing, drafting policies and variances, reviewing contracts and agreements.
5-6	The cost of the required annual financial audit and insurance.
7	The cost of room rental and lunch for the monthly meetings, which has increased when the meetings moved to the Plymouth Community Center.
8	The annual contract cost for education and outreach activities provided by Hennepin County Environment and Energy (HCEE) staff working with landowners to address erosion issues and implement conservation. Public engagement, answering landowner’s general land and water resource management questions, and best management practice (BMP) project development, design, and construction. Proposed to increase from the 2024 contracted amount of \$22,000 to \$25,000.
9	This line item is for general engineering support, including preparation for and attendance at Commission and TAC meetings, general day to day technical and engineering assistance, special projects, the budget and CIP, etc.
10	This line item is for project reviews, review of Local Water Management Plans and Comprehensive Plan amendments and updates, and general inquiries about past and upcoming projects. It is difficult to predict what the expense for a coming year will be, as it is based on the number of project reviews, inquiries, etc. received. The proposed budget is based on an estimated 50 project reviews each year. This expenditure is mostly offset by the project review fees.
11	This line item is for administrative support of project reviews, including correspondence, tracking, bookkeeping, and invoicing. This expenditure is mostly offset by the project review fees.

Line	Comment
12	Ongoing outreach and education costs not undertaken through WMWA.
13	The Commission participates in the West Metro Water Alliance (WMWA), and contributes to funds to support coordinated messaging, workshops, classroom activities, and special projects on a regional basis. Proposed to increase in 2025 to expand efforts at outreach, with a focus on chloride.
14	The cost of undertaking periodic minor plan amendments, usually to revise the CIP or adjust the development rules and standards. Cost is typically publication costs and staff time to develop the amendment documents.
15	The Commission's 3 rd Generation Plan expires on October 23, 2025. Work on the 4 th Generation Plan has commenced and is expected to be completed in 2025, from funds previously budgeted for this purpose.
16	The Commission jointly funds the operation of the USGS gauging station in Elm Creek Park near Elm Creek Road. This is billed biennially but budgeted annually. The 2025 budget assumes the \$12,500 budget in 2024 will be carried forward to offset the estimated \$34,020 expense.
17-19	The Commission contracts with Three Rivers Park District (TRPD), which provides flow and water quality monitoring at three locations in the watershed. There has been limited biological sampling; the current TMDL review will make recommendations for future sampling. The TRPD contract also includes funding for two longitudinal surveys of dissolved oxygen (DO) in impaired streams, which include taking a sequence of DO readings along points in the stream very early in the morning when DO is at its lowest, from an upstream point to a downstream point of interest. This shows a gradient of DO in the stream.
21	The Commission is responsible for the cost of electricity to the USGS gauging station.
24	Volunteer lake monitoring through the Met Council's Citizen Assisted Monitoring Program (CAMP). One lake is monitored per year.
23-24	The Commission contracts with TRPD to perform water quality monitoring and aquatic vegetation surveys on six lakes per year. The data is summarized in an annual report.
25	Volunteer macroinvertebrate monitoring coordinated by HCEE. The County is reconfiguring the program and we have not been notified whether to budget for this in 2025.
REVENUES	
26	Annual assessments to the member cities to pay the operating expenses of the Commission. Assessments are apportioned based on taxable market value of land within the watershed. Assessments did not increase 2020-2022, went up 5.4% in 2023 and did not increase in 2024. The proposed 2025 apportionment would be a 5.0% increase, compared to the current 3.4% inflation rate.
27	The amount of interest earnings varies based on interest rate and the balance carried by the Commission in its 4M Fund. Even though the interest rate is low, the current balance is substantial.
28	Income received as dividends. In recent years it has not been logged as separate income but has offset the annual insurance costs.
29	Since the Commission currently has a cash reserve in excess of its fund balance policy, it is proposed for 2025 to use some cash reserves to minimize increases in membership dues.
30	The Commission's contract with TRPD includes reimbursement from the Park District to the Commission for the value of services provided.
31	The application fee structure is intended to recover the cost of completing current project reviews. While the fees do not fully fund that activity, they are set and periodically reviewed and adjusted to recover a majority of the cost. It is difficult to predict and budget for project review revenues and fees because it varies based on the economy. This assumes 50 project reviews in 2025.
32	The Commission's project review fee includes a \$250 baseline fee and a nonrefundable fee of 5% of the total review fee to cover the costs of administration.
33	The Commission's project review fee includes a nonrefundable fee of 8% of the total review fee to cover the costs of general technical services.

Table 2. Proposed 2025 member city allocations compared to previous years.

2023	2022 Taxable Market Value	2023 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	807,005,389	3.942	9,854	5.4%	505
Corcoran	1,544,836,780	7.546	18,864	15.5%	2,539
Dayton	1,644,909,207	8.034	20,086	29.5%	4,573
Maple Grove	9,535,464,544	46.575	116,436	2.3%	2,581
Medina	1,515,134,760	7.400	18,501	0.5%	96
Plymouth	2,517,439,300	12.296	30,740	5.1%	1,486
Rogers	2,908,759,834	14.207	35,519	2.7%	921
Totals	20,473,549,814	100.000	250,000	5.35%	12,700
2024	2023 Taxable Market Value	2024 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	898,761,000	3.999	9,998	1.5%	144
Corcoran	1,808,292,200	8.046	20,116	6.6%	1,252
Dayton	2,031,786,500	9.041	22,602	12.5%	2,516
Maple Grove	10,043,624,100	44.690	111,726	-4.0%	-4,711
Medina	1,680,727,800	7.479	18,697	1.1%	195
Plymouth	2,671,442,700	11.887	29,717	-3.3%	-1,023
Rogers	3,339,194,100	14.858	37,145	4.6%	1,627
Totals	22,473,828,400	100.000	250,000	0%	0
2025	2024 Taxable Market Value	2025 Budget Share		Increase over Prev Year	
		%age	Dollars	%age	Dollars
Champlin	1,161,197,800	5.117	13,427	34.3%	3,429
Corcoran	1,806,478,300	7.961	20,889	3.8%	773
Dayton	2,038,390,200	8.983	23,570	4.3%	969
Maple Grove	10,089,589,600	44.463	116,668	4.4%	4,943
Medina	1,684,881,900	7.425	19,483	4.2%	786
Plymouth	2,570,902,100	11.329	29,728	0.0%	11
Rogers	3,340,724,100	14.722	38,630	4.0%	1,484
Totals	22,692,164,000	100.000	262,395	5.0%	12,395

To: Elm Creek WMO Commissioners/TAC

From: Erik Megow, PE
Diane Spector
Judie Anderson

Date: June 5, 2024

Subject: 2023 Year End Fund Balances

**Recommended
Commission Action**

For review and discussion.

The 2023 audit is still being finalized, but the 2023 preliminary year-end balances for non-operating accounts are the following. We expect to have the

Restricted for Capital Projects

These are funds levied for specific capital projects. The Commission holds these funds until such time as the member cities have completed the work. They then request reimbursement for their costs incurred.

Table 1. Elm Creek funds restricted for capital improvements.

Project	Amount Held
Rogers Fox Creek Creekview Phase 2 (2016)	\$80,206
Rogers Fox Creek Hyacinth Phase 3 (2017)	112,500
Corcoran Downtown Regional Stormwater Pond (2019)	28,013
Livestock Exclusions, Buffers, Stabilizations (2020)	24,884
Agricultural BMPs Cost Share (2020)	53,006
Champlin EC Strm Rest Ph V Hayden Lake Outfall (2021)	159,251
S Fork Rush Creek (2023)	427,975
2023 admin costs for 2024 levy	-334
Account Balance YE 2023	\$885,501

Cost Share Projects

The Commission operates two cost share projects, one for city projects and one for partnership projects on private property.

Table 2. Elm Creek city cost share projects.

Project	Balance
Year End 2023	\$105,234
Encumbrance-Dayton (Dayton Rd)	-50,000
Encumbered Account Balance YE 2023	\$55,234
Levy funds expected 2024	+100,000
2024 Encumbrance-	-
Estimated 2024 available balance	\$155,234

Table 3. Elm Creek partnership cost share projects.

Project	Balance
Year End 2023	\$-52,417
Encumbrance	-0
Encumbered Account Balance YE 2023	\$52,417
Levy funds expected 2024	+50,000
2024 Encumbrance – Fish Lake carp removal	-11,856
Estimated 2024 available balance	\$90,561

Closed Projects Account

The Commission’s Closed Projects Account houses levy funds that exceed final project costs. In addition, on occasion a project is cancelled, and the levy funds are then transferred to this fund. These funds are intended to be used for other capital improvement projects, including the cost of undertaking feasibility studies to preliminarily scope a future project. These funds may also be used to limit future capital levies for new projects.

Table 4. Elm Creek closed project account funds.

Project	Balance
Year End 2022	\$174,335
2018-04 Downs Road Trail Rain Gardens	104
2021-01 Elm Rd Area/Everest Ln Strm Restoration	7,867
Account Balance YE 2023	\$182,306

Other Funds Balances

The Commission has also in past years acted to segregate or assign some of its unrestricted reserves to be held for a specific purpose, for example to fund the 4th Generation Plan. These unassigned funds may continue to be set aside to be used for these purposes or the Commission may elect to unassign the funds and transfer them to Unrestricted Reserves. From time to time the Commission has budget funding for projects or special studies and set that aside in an Assigned For Projects and Studies Account. It has rarely been used, but in 2023 the Commission encumbered just under \$10,000 to provide matching funds for the Watershed-Based Implementation Fund grant supporting the Rush Creek SWA and the North Fork Rush Creek remeandering study.

Table 5. Elm Creek assigned accounts balances. [not updated yet]

Assigned Account	Balance
Fourth Gen Plan (-encumbered March 2024)	\$10,000
Assigned For Projects or Studies YE 2022	\$181,817
-Encumbered 2023: match to WBIF funds	9,468
-Encumbered Nov 2023: TMDL 10 yr review	49,468
Estimated 2023 available balance	\$122,881
-Encumbered March 2024: 4 th Gen Plan	15,000

Unrestricted Reserve [Not updated by auditor yet]

The last category of funds is the Commission’s Unrestricted Reserves, which is cash on hand that has not been designated for a particular use. This helps with monthly cash flow and is a “rainy day reserve” in the event something unusual occurs, or one of the member cities withdraws from the JPA and no longer is contributing its share of expected revenues. The newly adopted policy to maintain a cash reserve equal to either 50% of annual operating revenues or five months of operating expenses. Using the 2022 year-end figures, that minimum reserve balance would be the greater of the amounts in Table 6.

The nearly-final year-end 2022 Unrestricted Balance of \$141,927 is much less than the 2021 year-end balance of \$279,332. A very significant factor in that drop is the increase in the liability for project review fees from \$11,739 in 2021 to \$78,161 in 2022. Those are expenses the Commission has already incurred but for which additional review fee has not yet been collected. That escrow balance will vary from year to year.

Table 6. Unrestricted reserve desirable balance calculation using 2022 year-end amounts. [Not updated by auditor yet for 2023]

Component	Operating Expenses	Operating Revenues
2022 Budget	\$496,371	\$472,371
Less project reviews	188,032	190,442
Net Amount	308,339	285,929
5/12ths of yearly expenses	\$128,475	
50% of yearly revenues		\$141,464
YE 2022 Unrestricted Balance	\$141,927	\$141,927

To: Elm Creek WMO Commissioners
Elm Creek TAC

From: Erik Megow, PE
Diane Spector

Date: June 5, 2024

Subject: Fourth Generation Plan Kickoff

**Recommended
Commission Action**

Review and discuss the material provided and be prepared to offer a critique of past successes and challenges and performance.

Minnesota Rules 8410, which governs Metropolitan Water Management, sets forth the process for undertaking a Metro watershed management plan update and specifies the minimum content of those plans. The process begins with the notification of interested planning parties and a request for information and input into priorities to consider during the planning process.

At your April 2024 meeting you authorized that notification, and we have received input from eight agencies. Attached is a summary of agency submittals for your review. The full submittals, which are quite lengthy, have been posted on the Fourth Gen webpage. Aside from input on Plan topics they include references to useful information and data that may be of interest.

Kick-off Meeting

The June 12, 2024 meeting will be the official “kick off” of the Fourth Generation Plan. At this meeting we will provide a brief review of project schedule and the focal areas you have already identified (see below), discuss the agency input and how it might be incorporated into your Plan, and start the self-assessment process by reviewing the Commission’s success in achieving Third Gen priorities.

To help you with that review we have attached a draft summary of Third Gen actions that will become your self-assessment incorporated into the Plan. The first half of that document is a listing of your actions and achievements, followed by a review of your Third Gen priorities and goals and a staff assessment of your success at achieving those objectives. Following our discussions today we will add any additional comments and information the TAC and Commissioners may have and complete the Assessment of Performance. This section should be an honest examination of the successes and challenges of the last ten years, and how that will inform the Fourth Gen Plan.

Background

Table 1 shows the expected sequence of activities to be undertaken over the next 15 months. The actual plan development process will take about a year, with the final 3 months being the informal and formal review and approval process. As we discussed previously, the Commissions will ask each city to designate an existing citizen advisory commission or the Council to serve as their CAC and Commission staff and the Commissioner/TAC member will meet with each once to facilitate discussion and obtain citizen input. Those meetings are likely to be September-October 2024.

The primary work of completing the plan will focus on the following:

- Conduct a short self-analysis of the effectiveness of the Third Generation Plan, evaluate progress toward goals, and identify areas of success or less than success.
- Review and update as necessary the Goals and Policies established in the Third Generation Plan.
- Review and update as necessary the Rules and Standards and monitoring programs.
- The TAC and Commission have expressed an interest in enhancing the education and outreach programming, and we will spend some time on developing options for you to consider, not only for helping to meet NPDES requirements, but also engaging on other topics of interest.
- Discuss approaches the Commission could consider addressing the impacts of the continued build-out of the watershed, and how to add climate resiliency and sustainability.
- Incorporate summaries of the findings of the TMDL and review process and the subwatershed assessments and other studies completed since the Third Gen Plan was adopted.
- Update the Capital Improvement Program (CIP) and Implementation Program.
- Forecast future budget needs and financing options.

We would anticipate that four “working meetings” would focus on the following topics:

- 1) Review of progress to date and update vision, goals and policies.
- 2) Identify and discuss options for enhancing education, outreach, and engagement in the watershed.
- 3) Discuss future development, changing precipitation patterns, potential impacts to water resources and infrastructure, and discuss a framework for addressing those impacts.
- 4) Review and discuss the proposed ten-year CIP and Implementation Plan and any special funding considerations that may arise.

Table 1. Estimated schedule of activities.

Activity	2024										2025									
	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	
Approve scope	█																			
Self-assessment	█	█																		
Kickoff Meeting			█																	
Priority setting and initial goal review			█	█																
Review WQ trends and TMDL implementation status	█	█	█	█	█	█	█													
Review monitoring program			█	█																
Education, communications, and outreach program				█	█	█	█													
Rules review						█	█													
Meet with cities							█	█	█											
Sustainability/full development discussion					█	█	█	█	█											
CIP and management actions review									█	█	█	█								
Draft plan, available in March/April '25 for informal review			█	█	█	█	█	█	█	█	█	█								
Revise plan as necessary												█								
60-day formal review													█	█						
Public hearing															█					
BWSR review and approval																█	█			
Final adoption																			█	

Elm Creek Watershed Management Commission
Fourth Generation Watershed Management Plan Update
Summary of Agency Early Input
June 2024

The following are summaries of comments received. The full responses, including links to available data and other useful information, can be found at [Watershed Management Plan - Elm Creek Watershed](#) .

Board of Water and Soil Resources (BWSR)

The Plan should focus on priority issues, clearly describe actions to be taken over the next 10 years, incorporate relevant and timely data and trends, and contain short-, mid-, and long-term measurable goals based on science, local priorities, and targeted implementation plans. The Plan must incorporate authentic self-evaluation, accountability, and potential efficiency of implementation to create ambitious yet realistic goals.

- The Plan must include goals for water quantity, water quality, public drainage systems, groundwater issues, wetland management, and any other priority issues identified during the input process.
- Goals need sufficient detail to determine what will be accomplished by the end of the Plan and whether success has been achieved.
- High priority projects should be targeted, to show how the Commission is addressing both resource and constituent concerns. BWSR strongly recommends identifying priority resources in priority areas and to identify projects in those specific areas in your CIP.

Elm Creek underwent a routine Performance Review and Assistance Program (PRAP) assessment midway through the Third Gen Plan, and BWSR had the following comments that should be addressed.

- The Commission was commended for its progress on many levels and met most its performance indicators.
- The Plan could be improved by more clearly prioritized, targeted, and measurable actions for future watershed management plans. Clearly establish the relationship between goals and their specific actions and set clear, measurable outcomes that the actions will achieve.
- Address possible communication gaps with member cities, as well as a need for educating city officials of project benefits the watershed undertakes to achieve more member support. Please identify ways the Commission will improve communication with member cities and city officials.

In addition:

- Work to address climate change and resiliency while providing critical information that can protect infrastructure.
- Consider additional programmatic funding for agricultural related effects on water quality and quantity.
- Undertake a water quality trend analysis to help prioritize water resources and associated targeted, measurable actions within the watershed.
- Consider the various Commission audiences and strive to write the Plan with plain language principles in mind.
- Please ensure the Plan is Americans with Disabilities Act (ADA) compliant.
- Consider elements of environmental justice and diversity, equity, and inclusion.

Metropolitan Council

The Plan must be consistent with the Met Council's policy plan and must include quantifiable and measurable goals and policies that address water quantity, water quality, recreation, fish and wildlife, enhancement of public participation, groundwater, wetlands, and erosion issues. At a minimum the Plan should address:

1. Any problems with lake and stream water quality and quantity, including information on impaired waters in the watershed and the Organization's role in addressing the impairments
2. Flooding, emerging contaminants, groundwater/surface water interaction and stormwater rate control issues in the watershed
3. Climate and resilience planning
4. Impacts of water management on the recreation opportunities
5. Impact of soil erosion problems and general land use practices on water quantity and quality
6. Policies and strategies related to monitoring of area water resources and the use of best management practices
7. Erosion and sediment control and volume reduction goals at least as restrictive as requirements in the NPDES construction general permit
8. Capital improvement plan with itemized list of actions, estimated costs, and timeline.

Based on Council policies, the following issues are specific to the Elm Creek Watershed Management Commission and are viewed as priorities by the Council for inclusion in the Plan:

- Fish Lake, Elm Creek and Crow-Hassan Regional Parks are located in the watershed. The Council has made a substantial investment in the regional park system through its park implementing powers. Improvement of water quality in the watershed would likely have a positive impact on the park, through improving fisheries and wildlife and/or by reducing risks to public health. The Plan needs to address any issues, problems, capital projects, or land use changes related to the regional parks.
- The Met Council has updated its Priority Waters list, formerly known as the Priority Lakes list, which now includes rivers and streams. It will provide a key lens for developing policies and activities to include in the 2050 Water Resources Policy Plan. It will inform how the Met Council can align with the priorities of local and state partners, like the ECWMC, and provide value for the region. The list includes Fish Lake, French Lake, and Weaver Lake, which should be identified as such in the Land and Water Resources Inventory.

Hennepin County

Climate Action Plan. In 2021, Hennepin County approved its first Climate Action Plan. This plan includes aggressive goals, such as to achieve net zero greenhouse gas emissions by 2050. Several of the strategies and actions in the plan have relevancy to the mission of ECWMC Plan.

Natural Resources Strategic Plan. In 2016, the Hennepin County Board adopted our first Natural Resources Strategic Plan, effective for 2015-2020, which is currently being updated. It will reflect recent county initiatives to build resiliency to, and mitigate impacts of, climate change, as well as incorporate initiatives to reduce disparities. Several of the strategies and actions in the plan have relevancy to the mission of ECWMC Plan.

Ditch Management. The County still has jurisdictional authority under Minnesota Statute 103E over nine public ditches in Elm Creek's Watershed. These are shown in a table, along with the cities the ditches lie within. Some ditches mainly in Maple Grove no longer appear to serve an agricultural drainage function and could be considered for passing authority to the DNR.

- The County would appreciate identifying opportunities for collaborative projects to improve water quality of to help achieve TMDL goals.
- The Commission and County have been successful recently at undertaking collaborative conservation partnerships and would be interested in continuing that relationship.

Minnesota Pollution Control Agency (MPCA)

The MPCA provided a table of current lake and stream impairments and noted that Fish Lake has been officially delisted. There are three new impairments not in the watershed or regional TMDLs: Fish bioassessment in Fish Lake and CD #16 (S Fork Rush tributary) and nutrients in Laura Lake.

The MPCA recommends:

- Incorporating and implementing strategies and goals from completed TMDL's and implementation plans
- Determine quantitative accounting of efforts and reductions you hope/intend to accomplish over the 10-year plan cycle relative to water quality targets
- Identify geographic priority areas and implementation to match those prioritized waters

Priority issues: the MPCA has identified several strategic goals including:

- Assist local partners to accelerate targeted reductions for identified priority impaired waters
- Assist to develop strategies to protect priority waters that are meeting water quality goals
- Reduce chloride to surface and ground water
- Protect groundwater
- Incorporate environmental justice into planning
- Increase community and environmental resilience to climate change

Planning should incorporate changing weather patterns to help our communities be prepared for extreme weather events.

Minnesota Department of Agriculture (MDA)

Passed along general information on the state's nitrogen fertilizer management plan, the groundwater protection rule that prohibits application of nitrogen fertilizer in the fall and to frozen ground, and a map of areas where the groundwater is most vulnerable to potential contamination from nitrogen fertilizer. Also forwarded information on conservation resources for famers and agricultural landowners, and on pesticide monitoring in groundwater being undertaken by the agency. While the information is extensive and very informative, it has limited applicability in the Elm Creek watershed. Staff recommends simply posting links to the most relevant information on the Commission's website. The County Conservationist Specialists are also familiar with the MDA data and programming.

Minnesota Department of Natural Resources (DNR)

Passed along general information about watershed management strategies, integrated resource

management, groundwater sustainability, sand stormwater management, topics which the Commission in its plan and operations practices. Also provided useful links and information on outreach and engagement on septic system education, chloride management, natural shoreline management. Also latest thinking on stream stabilization, stream road crossings, fisheries management, AIS management, conservation and restoration of natural communities, and forest management.

Minnesota Department of Health (MDH)

MDH's concerns are primarily drinking water source water protection. While all communities in the Elm Creek Watershed (Watershed) rely on groundwater as a source of drinking water, and will likely continue to into the future, the Watershed is upstream of the drinking water intakes for the Minneapolis and Saint Paul-Mississippi River public water systems. The entirety of the Watershed is within Priority Area B and a portion of Priority Area A of the surface water Drinking Water Supply Management Area (DWSMA-SW) for the Minneapolis and Saint Paul-Mississippi River public water supply systems. Recommend local government units (LGUs) consider the impacts of future land use and zoning changes that could alter source water hydrology and, subsequently, water quality.

Approximately five percent of the area of the Watershed overlaps with one or more groundwater Drinking Water Source Management Areas (DWSMAs), most of which are of low to moderate vulnerability. Additionally, there are many private drinking water wells throughout the Watershed. While many residents rely on these wells for the water they drink, no public entity is responsible for water testing or management of a private well after drilling is completed and before it is sealed. LGUs are best equipped to assist private landowners through land use management and ordinance development, which can have the greatest impact on protecting private wells.

Minnesota Department of Transportation (MnDOT)

Since road projects often overlap watershed jurisdictions, MnDOT appreciates the alignment of project review standards with the most recent MS4 permit for consistency.

Would like to know current status of TMDL and of opportunities to coordinate on BMP load reduction projects. While infiltration is effective, would like to hear about other options.

Elm Creek WMC Third Generation Plan Self-Assessment

Third Generation Plan Activities

Management Plan Amendments and Policy Revisions

The Third Generation Plan has been amended eight times since 2015 (Table 1). Most of those were to revise the Capital Improvement Program, however, there were other significant amendments. In 2022 the Commission amended the Rules and Standards to adopt revised requirements for low floor elevations adjacent to natural and artificial waters, and to conform the Rules to the most recent version of the State of Minnesota General Stormwater Permit.

Table 1. Elm Creek Third Generation Plan record of plan revisions.

Number	Date of Adoption	Summary of Revisions
	9/23/15	Plan approved by BWSR
	8/14/15	Plan adopted
1	05/11/16	Add 5 projects; revise costs
2	05/10/17	Add 2 projects
3	05/09/18	Add 8 projects
4	05/08/19	Add 3 projects
5	06/10/20	Add 3 projects
6	06/09/21	Clarify low floor standards; conform to new SW permit
7	5/11/22	Add 1 project
8	6/12/24	Add 2 projects; revise one project

The Commission also adopted or revised several policies as shown in Table 2. Notably, the Commission adopted policies to create new funds to share in the costs of various improvements and adopted policies governing the use of those monies. The Commission also adopted a revised Capital Improvements Policy that increased the Commission cost share on certain types of projects that address “internal load” from 25% of the project cost to 100% of the project cost. Those projects, such as lake alum treatments, are intended to correct problems in the receiving water itself, as opposed to reducing pollutant loading from the watershed.

Table 2. New or revised policies adopted 2015-2024.

Date of Adoption	Description
September 12, 2018	Developed and adopted the Recommended Livestock Policy for member cities to consider for local adoption.
April 11, 2012	Developed and Adopted a Cost Share Policy
October 12, 2016	Revised the Cost Share Policy to provide a formula for sharing the cost of completing subwatershed assessments (SWAs) between the Commission and cities.
October 12, 2016	Revised the Cost Share Policy to eliminate the requirement that subwatershed assessments (SWAs) must be for lands outside the MUSA.
November 14, 2018	Adopted Closed Projects Account policy to establish allowable uses for levy funds remaining after reimbursing cities for the costs of completing a capital project.
August 11, 2021	Adopted a Policy on Internal Load Funding stating the Commission may contribute up to 100% of funding to internal load projects for impaired lakes with TMDLs where internal load is more than 50% of the load.
August 11, 2021	Established a City Cost Share program to contribute 50% of the cost of smaller member city BMP projects up to \$50,000.

Date of Adoption	Description
August 11, 2021	The Commission established a Partnership Cost Share program to contribute up to 100% of the cost of small BMP projects completed voluntarily by private parties on private property, up to a total of \$50,000.
September 8, 2021	Adopted a new Policy on Cost Share for Equipment and Non-structural Practices: 25% cost share in practices that have a demonstrated benefit to impaired waters with a TMDL. The applicant must document that benefit. The cost share applies only to equipment providing a new pollutant load activity or the cost of upgrading to better equipment to obtain more load reduction.
March 9, 2022	Revised Cost Share Policy to increase Commission maximum annual levy from \$500,000 to \$750,000 as a working guideline.
May 10, 2023	Adopted Adequate Fund Reserve Policy: The Commission shall maintain an unrestricted fund balance of approximately 50 percent of operating revenues (or no but not less than five months of operating expenses in its general fund).

Regulatory Program

The Commission does not issue permits but does require development and redevelopment to meet requirements for runoff rate control, treatment, and volume management. Those requirements and others relating to wetlands, floodplains, erosion control, buffers, and stream crossings are set forth in Rules and Standards. As part of the Third Generation Plan development the Rules were reviewed and revised and reissued just prior to adoption of that Management Plan. The Commission had previously acted as the Local Government Unit (LGU) for Wetland Conservation Act (WCA) administration for some member cities, but in 2019 relinquished that authority to the member cities.

Development and redevelopment projects that meet certain size and other criteria are required by city ordinances to incorporate into their developments Best Management Practices (BMPs) sufficient to meet the Commission’s Rules and Standards. Engineering plans, hydrologic calculations, wetland delineations, and other supporting material is submitted to the Commission’s Engineer, who conducts a Project Review and discusses the proposal and any necessary revisions with the developer.

In 2020 the Commission adopted a revised project review fee policy to require applicants to pay the full amount of the project review. In 2023 review fee schedule was revised to modify the amounts of the initial escrow deposited with the application and the administrative and technical services fees.

Table 3 summarizes the projects reviews that have been completed during 2015-2024. These project reviews include private development and redevelopment as well as public projects such as street and highway projects.

Table 33. Project review history 2015-2024.

Year	Project Reviews	Wetland Actions	TEP panels
2015	39	22	14
2016	52	17	17
2017	53	40	12
2018	54	66	12
2019	32	8	*
2020	42	*	*
2021	55	*	*
2022	49	*	*
2023	29	*	*
2024**	15	*	*
TOTAL	420		

*Discontinued role of LGU for WCA in 2019

**Through May 2024.

Monitoring Program

Lakes. The Commission contracts with Three Rivers Park District to conduct a monitoring program that tracks conditions in the lakes and major streams of the watersheds. The Third Generation Plan established four sentinel lakes – Fish, Weaver, Diamond, and Rice – which are monitored annually. Each year two other lakes are monitored on a rotating basis. Most years one additional lake is monitored by volunteers through the Met Council's Citizen-Assisted Monitoring Program (CAMP). Prior to 2020, the Commission collaborated with Hennepin County and adult volunteers to assess 3-4 wetland sites per year through the Wetland Health Evaluation Program (WHEP). That program was paused starting in 2020 due to COVID restrictions, and ultimately was discontinued by the County.

Streams. The Commission collaborates with the USGS, which operates a monitoring station on Elm Creek in Elm Creek Park Preserve in Champlin. In addition to the partnership with the USGS to monitor flow and water quality on Elm Creek, the Commission currently routinely monitors flow and water quality at three sites on Elm, Rush, and Diamond Creeks. Students collect biological data at 3-4 sites per year through the Hennepin County RiverWatch program, which was paused for a few years due to COVID restrictions but resumed in 2023.

Lake and stream data is summarized annually and is available on the Commissions' website and in the Commission's annual report, along with the findings of the volunteer monitoring programs.

Education and Outreach Program

The Third Generation Plan established the goal of the Education and Outreach Program as “to educate and engage everyone in the watershed by increasing awareness of water resources, and creating and supporting advocates willing to protect and preserve the resources in the watershed.” The Commission provides most of its education and outreach through the West Metro Water Alliance (WMWA), a collaborative formed by the Commission along with Shingle Creek WMO, the West Mississippi WMO and Bassett Creek WMO. While the Commissions do continue to provide local education and outreach, the four WMOs pool resources to take on larger, more visible initiatives. The most significant and far-reaching program is Watershed PREP, in which contracted educators present water resource-based classes to fourth grade students. Since the program's inception in 2013, over 22,700 students have participated in the watershed introduction lesson, and 9,700 in the water cycle lesson.

In 2023 the Commission and the other three WMOs in WMWA, the Richfield-Bloomington WMO and Hennepin County pooled grant funding to hire an education and outreach specialist for two years to develop and deliver messaging and coordinate implementation projects. This specialist is dedicated half time to the WMWA+ collaborative and half time to general County work. In 2024 the same entities are poised to renew that funding for another two years, with a long-term strategy of self-funding on an ongoing basis once the grants funds are depleted.

Other education and outreach activities include:

- In partnership with Hennepin County, student and adult volunteer monitoring of selected stream and wetland sites in the watershed.
- In partnership with the Metropolitan Council, volunteer lake water quality monitoring on one lake per year.
- In coordination with Hennepin County, helped promote outreach to and field days focused on aspects of land and animal management for water quality.
- Reference material and news posted on the Commission's website.
- In partnership with WMWA, workshops on rain gardens and sustainable turf management.
- Education and outreach materials highlighting proper use of road salt for snow and ice control.
- Outreach to local print and cable television for news coverage of commission and city projects.

Special Studies

Subwatershed Assessments. Subwatershed assessments are intensive studies of small areas of land to identify the best locations for small Best Management Practices (BMPs) such as rain gardens, tree trenches, and bioinfiltration basins. They are usually completed in areas that are already developed and have little or no stormwater treatment or where additional load reductions are sought. Each of the studies below identifies the highest priority, most cost-effective practices that could be considered. The Commission has dedicated grant and levy funds to supplement other city and county funds for implementation and has completed several BMPs in these study areas.

in 2019 the Commission, Hennepin County and City of Cocoran hosted an open house for the Rush Creek Headwaters SWA project for over 200 households, which generated 22 site visits. Two property owners took on projects themselves, while four were considered for Hennepin County funding and/or technical assistance.

- Rush Creek Headwaters: the area draining to the North Fork of Rush Creek from its headwaters to CR 116/Fletcher Lane, including the Jubert Lake and Henry Lake drainage areas.
- Diamond Creek: the area draining to Diamond Creek, including the drainage areas to Diamond, French, and Hayden Lakes.
- South Fork Rush Creek: the area draining to the South Fork of Rush Creek, from its headwaters to its confluence with the North Fork in Maple Grove.
- Weaver Lake: The City of Maple Grove evaluated the Weaver Lake direct drainage area.
- Rice Lake: the City of Maple Grove evaluated the Rice Lake direct drainage area.

HUC8 Special Hazard Areas Study. Elm Creek received a grant from the DNR to update hydrologic and hydraulic modeling for the watershed using the most recent Atlas 14 rainfall depths and distributions. This modeling has been completed and is usable but is still under agency review. When approved and adopted it will be used by the DNR and FEMA to update the Flood Insurance Study Special Hazard Area (Floodplain) maps.

Progress Toward TMDLs

Several of the lakes and the major streams in the watershed do not meet state water quality standards and have been designated by the State of Minnesota as Impaired Waters. The Elm Creek Watershed Total Maximum Daily Load (TMDL) process to evaluate and address these impairments 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, and then final completion of the TMDL document and accompanying Watershed Restoration and Protection Strategies (WRAPS) document in 2015. The final reports were approved by the MPCA and EPA in 2016.

The Elm Creek TMDL study addresses:

- Seven lake *nutrient* impairments (Cowley, Sylvan, Henry, Rice, Fish, Diamond, Goose)
- Four stream *E. coli* impairments.
- Three stream *DO* impairments.
- Four stream *fish and macroinvertebrate* impairments, with primary stressors *total phosphorus (TP)* and *total suspended solids (TSS)*.

Since completion of the Watershed TMDL, there are new impairments:

- Elm Creek and the lower reach of S Fork Rush Creek for excess *chloride*. These were included in the Metro Chloride TMDL.
- *Total Suspended Solids (TSS)* in Elm Creek. Since this was a primary stressor in the TMDL, the Commission is already assigned and making progress toward required load reductions.
- *Fish biotic integrity (F-IBI)* in CD #16, a tributary to S Fork Rush Creek. No TMDL has been established.
- *Fish biotic integrity (F-IBI)* in Fish Lake. NO TMDL has been established.

The Fish Lake nutrient impairment has now been “delisted,” or removed from the Impaired Waters list as the lake now meets state standards.

In 2024 the Commission is completing a ten-year review of progress that is comprised of the following:

- Completing additional lake and stream monitoring to better assess current conditions and evaluate any future trends.
- Evaluating load reductions achieved through the conversion of lands with little or no stormwater management to development incorporating stringent runoff volume and pollutant load reduction practices.
- Evaluating load reductions achieved through BMPs in the watershed, including stream restoration, lake management, structural and nonstructural practices such as enhanced street sweeping.
- Completing a trend analysis on current water quality data.
- Evaluating implementation strategies and recommending any revisions.

This analysis is expected to be complete by the end of 2024, although water quality monitoring will also be completed in 2025. Initial results will be available to incorporate into the Fourth Generation Plan.

Cost Share Projects

The Commission operates two programs to share in the cost of small BMP installations. The City Cost Share Program provides matching funding for City voluntary BMPs. The Partnership Cost Share Program provides up to 100% of the cost of voluntary BMPs on private property. Cost share guidelines specify project eligibility, and participation is granted on a first come first served basis as funds are available. Two City projects have been funded; no Partnership projects have yet been funded.

Table 4. City Cost Share projects 2013-2021.

Year	Project	Description	Cost Share
2023	Dayton River Road Channel Stabilization	Repair of an eroding channel from Dayton River Rd to the Mississippi	\$50,000
2024	Fish Lake Carp Management	Cost share in Fish Lake carp removal	\$11,856
TOTAL			\$61,856

Grants

The member cities have been actively taking actions to manage and improve the water resources in the watershed. The Commission has been fortunate to have been successful at receiving grants to undertake projects and special studies. As detailed in Table 6, this has provided nearly \$1.2 million to supplement local funding.

Table 6. Grant funding received 2015-2024.

PROJECT	AMOUNT	SOURCE	YEAR
Rush Creek Headwaters SWA	\$50,280	BWSR CWLA AIG	2016
Fish Lake Alum	\$200,000	BWSR CWLA	2017
Elm Creek Phase IV	\$134,486	BWSR WBIF	2018
Elm Creek Phase V	\$200,000	BWSR WBIF	2020
S Fork Rush Cr Restoration	\$314,153	BWSR WBIF	2020
Headwaters Ag BMP Implementation	\$175,000	BWSR WBIF	2022
Education and outreach specialist	\$30,000	BWSR WBIF	2022
High priority studies	\$92,274	BWSR WBIF	2022
TOTAL	\$1,196,193		

WBIF = Watershed Based Implementation Funding; CWLA = Clean Water Legacy Act; AIG = Advance Implementation Grants

Capital Projects

The Commission shares in the cost of qualifying capital projects in accordance with a CIP Cost Share Policy. The Commission share is funded using the authority under Minn. Stat. 103B.251, which allows the Commission to request Hennepin County to levy an ad valorem tax on its behalf across all the property in the watershed. Any excess levy funds after project close outs are segregated in a Closed Projects Account and may be used only for additional capital projects. Cities serve as contracting agencies and are then reimbursed from Commission funds. Table 7 shows the Third Generation capital projects.

Table 7. Elm Creek capital projects and levies, 2015-2024.

PR#	City	Project Name	Commission Share	Local Share	Est Total Cost	Amount Levied
2015-01	Plymouth	Elm Cr Reach E	\$250,000	\$836,000	\$1,086,000	\$250,000
2016-01	Rogers	CIP-2016-RO-01 Fox Cr, Creekview	80,312	240,938	321,250	80,312
2016-02	Champlin	Mississippi Point Park Riverbank Repair	75,000	225,000	300,000	75,000
2016-03	Champlin	Elm Creek Dam	187,500	6,813,720	7,001,220	187,500
2016-05	Maple Grove	Fish Lake Alum Treatment-Phase 1	75,000	225,000	300,000	75,000
2016-04	Maple Gove	Rush Creek Main Stem	75,000			75,000
2017-01	Rogers	Fox Cr, Hyacinth	112,500	337,500	450,000	112,500
2017-03	Champlin	Mill Pond Fishery and Habitat Restoration	250,000	4,750,000	5,000,000	250,000
2017-04	Champlin	Rain Garden at Independence Avenue	75,000	225,000	300,000	75,000
2018-01	Maple Grove	Rush Creek Main Stem	75,000			75,000
2018-02	Plymouth	CIP-2017- EC Stream Restoration Reach D	212,500	637,500	850,000	212,500
2018-03	Champlin	Elm Creek Stream Restoration Phase III	100,000	300,000	400,000	100,000
2018-04	Champlin	Downs Road Trail Raingarden	75,000	225,000	300,000	75,000
2019-01	Maple Gove	Rush Creek Main Stem	25,000	1,775,000	1,650,000	26,513
2019-04	Medina	Hickory Drive Stormwater Improvement	76,823	231,097	307,920	81,471
2019-05	Corcoran	Downtown Regional Stormwater Pond	26,477	79,433	105,910	28,709
2019-06	Champlin	Elm Creek Stream Restoration Phase IV	150,000	450,000	600,000	159,075
2020-01	Various	Livestock Exclous, Buffer & Stabilized Access	50,000	-	50,000	53,025
2020-02	Various	Agricultural BMPs Cost Share	50,000	-	50,000	53,025
2020-03	Plymouth	Enhanced Street Sweeper	25,000	50,000	75,000	31,512
2021-01	Maple Grove	Elm Rd/Everest Ln Stream Resto	125,000	375,000	500,000	132,536
2021-02	Champlin	Elm Creek Stream Restoration Phase V	150,000	750,000	900,000	159,075
2022-01	Various	City Cost Share	100,000	100,000	200,000	106,500
2022-02	Various	Partnership Cost Share	50,000	-	50,000	53,250
2022-03	Maple Grove	South Fork Rush Creek Restoration 1	406,252	2,843,748	3,250,000	430,828
2023.01	Maple Grove	South Fork Rush Creek Restoration 2	406,250			430,830
2023.02	Dayton	CSAH 12/Dayton River Rd Stabilization	110,000	1,219,410	1,329,410	116,655
2023.03	Rogers	Downtown Pond Expansion and Reuse	101,500	304,500	406,000	107,640
2023.04	Various	City Cost Share Program	100,000	100,000	100,000	106,050
2023.05	Various	Partnership Cost Share Program	50,000	-	50,000	53,025
			\$3,645,114	\$1,623,910	\$1,885,410	\$3,772,531

Evaluation of Goals and Strategies

Third Generation Priorities

The Third Generation Watershed Management Plan established five priorities to be addressed in the 2015-2024 planning period. The Plan also established goals in six areas and priority actions. The following is an overview of progress through mid-2024.

Priority 1: Begin implementing priority projects and actions in 2015, providing cost-share to member cities to undertake projects to help achieve WRAPS lake and stream goals.

The member cities, other agencies, and private property owners have implemented a variety of actions to improve lakes and streams, from large capital projects to individual property maintenance choices. Some examples include:

- Several significant stream restoration projects totaling x,xxx linear feet on Elm Creek and Rush Creek, and projects on smaller streams such as Fox Creek.
- Lake improvement actions including alum treatments, and carp and invasive vegetation management.
- Partnering with Hennepin County Board Conservationists to promote and undertake improvements on agricultural and other lands. These include actions such as nutrient management plans, buffers, swales, manure bunkers, runoff storage and treatment, and wetland restorations.
- Routinely incorporating Best Management Practices into public infrastructure projects.

Priority 2: Use the results of the WRAPS study to establish priority areas, and complete subwatershed assessments to identify specific Best Management Practices that feasibly and cost-effectively reduce nutrient and sediment loading to impaired water resources.

The Commission has completed Subwatershed Assessments in three priority upper watershed areas with predominately agricultural/rural residential land uses: The Rush Creek Headwaters, South Fork Rush Creek, and Diamond Creek subwatersheds were identified in the WRAPS as potentially contributing higher pollutant loads to impaired streams and lakes. In addition, the Commission supported the city of Maple Grove in its completion of SWAs for the Weaver Lake and Rice Lake drainage areas.

Priority 3: Develop a model manure management ordinance to regulate the placement of new small non-food animal operations using the City of Medina ordinance as a guide, and require member cities to adopt that ordinance or other ordinances and practices to accomplish its objectives.

A model ordinance was developed in 2018 and cities were encouraged to consider using it as the basis for their own official controls. Each city in the watershed has adopted the model or a modified version.

Priority 4: Partner with other organizations to complete a pilot project for targeted fertilizer application and to increase and focus outreach to agricultural operators.

While there was initial support, the Commission opted instead to work with Hennepin County to encourage a broad range of agricultural BMPs.

Priority 5: Continue participating in joint education and outreach activities with WMWA and other partners.

The Commission has actively participated in WMWA to develop and deliver coordinated messaging and outreach focused on protecting waters and good practices, from elementary students to lake associations to tabling at city festivals and events. The Commission also dedicated some of its Watershed-Based Implementation Funding (WBIF) to a pool with four other WMOs and Hennepin County to hire a shared outreach coordinator to develop and deliver a broader range of focused messaging and outreach.

Progress Toward Third Generation Goals and Actions

Water Quantity. The Third Generation Plan goals for water quantity are focused on reducing, or at minimum achieving no increase in, the volume and rate of runoff discharging to the streams in the watershed, to reduce potential for downstream flooding, erosive velocities and minimize further streambank erosion and mass wasting. An additional management goal is to maintain the current flood profile of Elm Creek and tributaries.

Goal Area A: Water Quantity

Third Generation Goals	Progress Toward Goals	Status
A.1. Maintain the post-development 2-year, 10-year, and 100-year peak rate of runoff at pre-development level for the critical duration precipitation event.	Commission rules for new development and redevelopment require no increase in the rate of runoff post development. Small projects less than 1 acre are encouraged to add voluntary BMPs.	Complete and ongoing
A.2 Maintain the post-development annual runoff volume at pre-development volume.	Commission rules for new development and redevelopment require abstraction of new volumes, but allow filtration where infiltration is not feasible, which is common. New volumes are tracked.	Needs work
A.3 Prevent the loss of floodplain storage below the established 100-year elevation.	Commission rules require compensating storage where this occurs.	Complete and ongoing
A.4. Reduce peak flow rates in Elm, Diamond, and Rush Creeks and tributary streams to the Crow and Mississippi and preserve conveyance capacity.	Theoretically if all projects meet the infiltration requirement. Not all do because of poor soils. Not tracked.	Needs work

Water Quality. The goals for water quality are focused on making progress to improve the lakes and streams in the watershed as well as protect those that are not impaired waters.

Goal Area B: Water Quality

Third Generation Goals	Progress Toward Goals	Status
B.1 Improve Total Phosphorus concentration in the impaired lakes by 10% over the 2004-2013 average by 2024	Progress is being assessed in the 10-year TMDL Review currently underway. Fish Lake has been delisted due to improved water quality	In process
B.2 Maintain or improve water quality in the lakes and streams with no identified impairments.	Progress is being assessed in the 10-year TMDL Review currently underway	In process
B.3 Conduct a TMDL/WRAPS progress review every five years following approval of the TMDLs and WRAPS study.	Progress is being assessed in the 10-year TMDL Review currently underway	In process
B.4 Identify high priority areas where the Commission will partner with cities and other agencies to provide technical and financial assistance.	Subwatershed assessments have been completed for catchments where modeling for the TMDL indicated a higher-than-average pollutant load contribution. Partnering with the County on BMPs in those areas.	Complete

Groundwater. The Commission has undertaken limited groundwater management activities in the past, primarily by requiring projects meeting project review thresholds to infiltrate a portion of runoff. The Rules also limit the use of infiltration in sensitive recharge areas and Wellhead Protection Emergency Response Areas.

Goal Area C: Groundwater

Third Generation Goals	Progress Toward Goals	Status
C.1 Promote groundwater recharge by requiring abstraction/infiltration of runoff from new development and redevelopment.	Commission rules for new development and redevelopment require abstraction of new volumes, but allow filtration where infiltration is not feasible, which is common. New volumes are tracked.	Needs work
C.2. Protect groundwater quality by incorporating wellhead protection study results into development and redevelopment Rules and Standards.	Infiltration is not allowed in certain high-risk areas.	Complete

Wetlands. The Commission’s primary tool for managing wetlands is the Wetland Conservation Act (WCA). The Commission no longer serves as the Local Government Unit (LGU) for WCA administration in any of the member cities.

Goal Area D: Wetlands

Third Generation Goals	Progress Toward Goals	Status
D.1 Preserve the existing functions and values of wetlands within the watershed.	Cities are now responsible for enforcing the WCA. Impacts are as allowable under WCA. Commission does not track cumulative impacts.	Work needed
D.2 Promote the enhancement or restoration of wetlands in the watershed.	SWAs have identified some potential wetland restorations. The Commission has partnered with the County on a few restorations.	Work needed

Drainage Systems. Hennepin County retains ditch authority over several jurisdictional ditches in the watershed. The primary Third Generation activity related to drainage systems is to periodically review the advantages and disadvantages of ditch authority and if requested to reconsider jurisdiction.

Goal Area E: Drainage Systems

Third Generation Goals	Progress Toward Goals	Status
E.1 Continue current Hennepin County jurisdiction over county ditches in the watershed.	Continuing current jurisdiction.	Complete

Operations and Programing. The following goals guide the routine programs and operations of the Commission, and include the education and outreach program; maintenance of rules and standards; the annual monitoring program; and programs and activities to stay abreast of changing standards and requirements, search for grant and other funds to supplement the regular budget, and operate a capital improvement program and share in the cost of projects.

Goal Area F: Operations and Programming

Third Generation Goals	Progress Toward Goals	Status
F.1 Identify and operate within a sustainable funding level that is reasonable to member cities.	The member dues have increase 19% since 2015, from \$209,000 to \$250,000, or less than 2% per year. The inflation rate increased 31% in that period.	Complete
F.2 Foster implementation of TMDL and other implementation projects by sharing in their cost and proactively seeking grant funds.	The Commission has provided \$3.6 million in CIP cost share, \$62,000 in small project cost share, and obtained \$1.2 million in grants funds.	Complete
F.3 Operate a public education and outreach program to supplement the NPDES Phase II education requirements for the member cities.	Primarily participation in the West Metro Water Alliance. Limited independent education and outreach. Maintains a website.	Complete, but needs work
F.4 Operate a monitoring program sufficient to characterize water quantity, water quality, and biotic integrity in the watersheds and to evaluate progress toward meeting TMDL goals.	The Commission contracts with Three Rivers Park District to administer the monitoring program set forth in the Plan. Results are presented annually to the Commission.	Complete
F.5 Maintain rules and standards for development and redevelopment that are consistent with local and regional TMDLs, federal guidelines, source water and well head protection requirements, sustainable water yields, nondegradation, and ecosystem management goals.	The Commission maintains Rules and Standards and periodically revises them as necessary for clarification or to incorporate the latest standards or regulatory requirements.	Complete
F.6 Serve as a technical resource for member cities.	The Technical Advisory Committee is comprised of representatives from the member cities and staff from Hennepin County, Three Rivers Park District, and consulting staff. The TAC meets periodically throughout the year to review and advise on topics referred by the Commission and to learn about new technologies and topics and share information.	Complete

Assessment of Third Generation Plan Performance

In preparation for the Fourth Generation Management Plan, the Commission conducted a self-assessment to identify achievements and areas for improvement. The Commissions have completed or will have completed by 2024 nearly all the work plan activities and strategies identified in the Third Generation Plan. The most successful achievements of the Third Generation Plan were:

[List]

Areas that fell short of Third Generation expectations or which could be improved include:

[List]

elm creek Watershed Management Commission

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STAFF REPORT June 6, 2024

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

b. 2016-005W Ravinia Wetland Replacement Plan, Corcoran. In December 2016, the Commission approved Staff's recommendations on this wetland replacement plan. Barr Engineering has been providing monitoring to ensure the replacement meets the performance standards of the approved plans. Annual reports were submitted to the US Army Corps of Engineers (USACE) in February 2019, February 2020, and March 2021. As of March 2021, wetlands and buffers are looking good but will need continued vegetation management in 2021 to get rid of invasive species (mostly cattail). Hydrology is good in both the restoration and creation areas. Cattail and Reed canary grass reemerged during the 2021 growing season and will likely need another year of aggressive maintenance in 2022. The 2021 monitoring report will be submitted to the USACE in March 2022 with recommendations for maintenance. The Commission continues to hold both replacement and monitoring escrows. On January 24, 2024, Staff contacted Joe Waln at Barr Engineering to learn the status of this project. Waln reported that Barr has the monitoring data and draft reports for those three years and he will provide them to the Commission. Karen Wold from Barr attended the April meeting to describe the reports and answer Commission/TAC member questions. *The monitoring escrow has been depleted. Barr will invoice the Commission for their expenses to date which, along with future expenses, will be deducted from the replacement escrow (\$292,000.00). At this time the monitoring escrow is in arrears \$7,294.05. Is it the desire of the Commission that Staff invoice Lennar for the arrearage at this time and going forward?*

c. 2017-050W Ernie Mayers Wetland/floodplain violation, Corcoran. The City of Corcoran contacted the Commission in 2017 concerning drainage complaints on Mayers' property. Technical Evaluation Panels (TEPs) were held to assess the violations and a restoration order was issued to Mayers. In 2018, an appeal of the restoration order was received by the Board of Water and Soil Resources. BWSR 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

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correspondence to that effect to Mayers on February 1, 2022, requesting an application and site plan. To date, no WCA or floodplain compliance actions have been taken by Mayers or the City. Once the Commission is informed by the LGU of how the violations will be resolved, Staff can follow up on the outstanding Elm Creek floodplain issues.

d. 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.

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

f. 2020-017 Meadow View Townhomes, Medina. This is a 22-acre site located south of Meander Road and north of Highway 55. Lennar Homes is proposing to build 125 townhomes with their necessary infrastructure on this site. A complete application was received May 29, 2020. The plans call for 7.64 acres of new impervious areas. The Commission's review was for conformance to Rules D, E, F, G, and I. At their October meeting, the Commission approved Staff's finding dated September 30, 2020, contingent upon (1) the mean (average) depth on the west wet detention pond must be 4.0' or deeper; (2) buffer strip monumentation and vegetation maintenance plans must conform to the Commission's requirements; (3) an operation and maintenance agreement of the stormwater ponds must be approved by the City and the Commission. The agreement must be recorded on the property title. Since the approval, the City has requested the applicant provide abstraction by irrigation only, thus eliminating one filter basin. Staff reviewed the changes and found the updates to be compliant with the Commission's original approvals for stormwater management and administratively approved the plans contingent upon item 3 above and added the condition that design information on the irrigation pump and augmentation water source must be provided within six months of this approval. The Commission received a copy of the recorded O&M agreement on November 2, 2021; and (4) erosion and sediment controls must conform to Commission requirements.

g. 2020-033 Weston Woods, Medina. This project would create 150 residential units on a 135-acre undeveloped site, disturbing 49.2 acres and creating 17.49 acres of impervious area. The Commis-

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sion approved this project at their March 2021 meeting with four contingencies: (1) wetland replacement plans must be approved by the City of Medina (LGU), MN DNR and USACE prior to impacts, (2) provide quantification of the change in flood storage capacity for the one-percent annual chance flood event due to the proposed project, (3) provide documentation that changes in flood elevation and loss of floodplain storage have been avoided, minimized, and/or mitigated to the extent practicable. Demonstrate that changes in flood elevation will not cause high water or aggravate flooding on other land and, (4) an O&M agreement for stormwater facilities, including irrigation pumping system components and augmentation wells system, 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.

h. 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 2021 meeting contingent on a maintenance agreement being filed with the City with terms agreeable to the Commission. The outstanding escrow balance has been received. On August 29, 2023, Asche reported there is no update for this project.

i. 2021-029 TriCare Grocery, Maple Grove. The project will construct a grocery store, retail, and associated parking on approximately 2.5 acres of the 62.7-acre TriCare parcel, located just north of CR 30 and southwest of I-94. The project was reviewed for Rules D and E. Staff issued a denial in 2016 when the regional stormwater BMP project was constructed. On November 10, 2021, the Commission approved this project contingent upon receipt of the escrow balance and the City reconstructing the basin to meet Commission rules and standards per Staff findings dated November 1, 2021. On January 24, 2024, Derek Asche reported that the basin was reconstructed with the Garland Commons project. The outstanding escrow balance remains unpaid.

j. 2021-034 BAPS Temple, Medina. This project includes construction of a Hindu Temple, dining hall, gymnasium, parking lot and permanent residency for the temple's priest on a 19.7-acre parcel at 1400 Hamel Road which currently serves as a farmstead with a farmhouse and barns. The project was reviewed for Rules D, E, G, and I and approved at the October 2021 meeting contingent on three conditions outlined in Staff's findings dated October 4, 2021: (1) receipt of the escrow balance, (2) an O&M agreement with the City, and (3) a geotechnical report provided to the Commission. On July 21, 2022, the applicant's engineer stated, "The client is holding on[to] construction documents temporarily; once they give us the go-ahead, we will work to finalize the items, likely by this fall [2022]." On November 3, 2022, the Commission was informed that the applicant has amended the site layout and anticipates construction in 2023.

k. 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

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impervious, 1.54-acres of which is net, new impervious, and triggers Rules D and E. In their findings dated August 2, 2022, Staff recommended approval with two conditions: receipt of an O&M Agreement acceptable to the City and final escrow determination. The project was approved at the Commission's August meeting. The project is currently on hold and Staff are working with the engineer and owner regarding the escrow. The escrow balance has been invoiced and this project will be removed from the report upon its receipt. Staff have asked the City for help in collecting the outstanding escrow.

I. 2022-011 Arrowhead Drive Turn Lane Expansion, Medina. This project consists of a linear project for the City of Medina and a private site expansion for Open Systems International (OSI). The City will be constructing a stormwater BMP on the OSI site to accommodate rates and water quality from two projects: (1) Arrowhead Drive Turn Lane expansion and the future (2) OSI expansion. The projects are being reviewed as a planned development being treated by the proposed basin. This project received approval at the Commission's May meeting pending three conditions found in Staff findings dated May 2, 2022: (1) final escrow determination, (2) payment of the additional floodplain alteration review fee, and (3) plans for the OSI, Inc. parking expansion being developed. A Commission application for Rule E will be necessary, assuming the stormwater management is consistent with this approval. An erosion control and grading plan for the OSI site should include no more than 1.56 acres of impervious surface and all impervious surfaces must be directed to the proposed stormwater BMP.

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 approved by the LGU. (2) final erosion and sediment control plans meeting the Commission's requirements. (3) post construction drawdown rates of >3" per hour be verified on the filter bench to the NE regional pond and (4) final escrow balance determination, as cited in Staff findings dated May 31, 2022. Items 3 and 4 remain outstanding. On January 24, 2024, Kevin Mattson informed Staff that the regional pond post construction drawdown has not been completed due to nearby construction sequencing activities and is scheduled for summer 2024.

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 by the City of the O&M plan with what is shown on the plan sheets (888.50). Update report and tables if necessary to be consistent with HydroCAD results; (4) provide Notice of Decision forms from BWSR for Wetlands 2, 4, and 5 to confirm that wetland mitigation measures are not needed and that the wetlands are incidental; and (5) submit finalized construction plans prior to construction of the proposed buildings and parking lots. Plans will be needed to confirm that the site does not exceed the proposed impervious surface area (8.77 acres) and that the impervious surfaces are routed to the

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proposed stormwater improvements. On January 31, 2024, Andrew Simmons reported that this project is still ongoing.

o. 2022-022 Cook Lake Highlands, Corcoran/Maple Grove. This is a 53.58-acre development comprised of four existing parcels in both cities. The western parcel in Corcoran totaling 27.3 acres is under consideration for this review. The adjacent Cook Lake Edgewater, 2021-031, was approved in October 2021. The site is located along the north side of CR 10 (Bass Lake Road) just west of the CR 101 crossing and southwest of Cook Lake. The applicant is proposing to create a detached residential rental community with 59 units creating 10.4 acres of new impervious areas in Maple Grove and 8.1 acres of new impervious in Corcoran (a total of 18.5 acres). The applicant reports incorporation of some impervious that is planned for the future acres of new impervious areas in Maple Grove, 8.1 acres of new impervious in Corcoran, (totaling 18.5 acres), as well as for the future expansion of CR 10. This phase of the project will disturb 18.6 acres. A stormwater pond with bio-filtration bench and a smaller filtration basin are proposed for the Corcoran portion of the site. At the June meeting the Commission granted approval of the six conditions cited in Staff's June 1, 2022, findings: (1) reconciliation of escrow fees; (2) adequate wetland buffer monumentation; (3) raising the low floor elevations of structure to meet Commission requirements; (4) providing turbidity barriers at inlets to Cook Lake during construction until site is stabilized; (5) meet outstanding City requirements - maintains a drainage and utility easement for existing and proposed on-site wetlands; and (6) providing a Stormwater Maintenance Agreement acceptable to the City and the Commission within 90 days after the plat is recorded. On January 24, 2024, Derek Asche reported that the Maple Grove portion of this project is nearly completed. Kevin Mattson responded that the City of Corcoran waived its authority and this project was permitted by Maple Grove. He also provided a copy of the Stormwater Maintenance Agreement.

p 2022-028 Elsie Stephens Park, Dayton. This is existing park property (~20 acres) located about a mile north of the junction of County Roads 144 (N. Diamond Lake Road) and 12 (Dayton River Road). The project proposes to construct two entrance roads off CR 12, 1,300 feet of park roadways with a parking area and loop road, and a trail system to connect existing and future trails. Site revisions received July 5, 2022, were reviewed by the Commission at their July 2022 meeting. Staff recommended approval in their findings dated July 6, 2022, contingent upon: (1) pre- and post-construction soil analysis on each infiltration basin to determine that infiltration rates meet or exceed design assumptions; (2) erosion and sediment control meeting the Commission's requirements and approved by Staff; and (3) escrow fee reconciliation. On August 30, 2023, the Commission was advised that the post-construction tests are still being coordinated; item (2) is completed; and the fee will be reconciled once the test results are received. Staff has received and reviewed the infiltration test results. The results show that the basins meet the design infiltration rates; therefore, conditions (1) and (2) have been satisfied. The escrow balance will be reconciled and an invoice/refund issued .

q. 2022-040 Karineimi Meadows, Corcoran. This 125-acre parcel in the southeast quadrant of the CR 10 and 19 intersection is proposed to be subdivided into ten large single family residential lots. The project will consist of constructing Chaparral Lane south of CR 10 with its associated drainage and stormwater basins into the site. Lot grading improvements will be customized and occur as the homes are built. The applicant extended the 15.99 deadline to February 8, 2023.

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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 O&M agreement for the stormwater ponds must be recorded on the property; (3) the escrow balance must be reconciled; and (4) the Commission recommends the City of Corcoran follow the Commission's recommended livestock management policy. Construction was to begin spring/summer 2023. Condition 1 will be verified by the applicant post-construction. On January 24, 2024, Kevin Mattson stated he will follow up on the status of the pond drawdown. He also provided a copy of the O&M agreement.

r. 2022-043 Meander Park and Boardwalk, Medina. This project is a proposed commercial planned unit development located on the north side of Highway 55, 900 feet east of Arrowhead Drive on Lake Medina. Wetland surrounds the 18-acre site on the west and south, leaving approximately 7 acres of developable land. The project will disturb 6.3 acres of the site, resulting in a 4.0-acre increase in impervious surface. The project triggers Rules D, E, F, G and I. In their November 2, 2022, findings Staff recommended approval contingent upon (1) escrow fee reconciliation; (2) an O&M plan 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 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.

s. 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 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. On January 23, 2024, Ben Scharenbroich reported that City staff and the Commission's engineer are working on an agreement regarding the compensatory storage plan. When an agreement is reached the escrow will be reconciled and this item will be removed from the report.

t. 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: (1) fee reconciliation; (2) receipt of the O&M agreement; and (3) provision of the OCS 104 details and plans. On August 29, 2023, the City asked the Applicant to follow up on condition 3. On January 24, 2024, Derek Asche reported that this project is still in progress.

u. 2023-010 New Fire Station, Rogers. The City of Rogers is planning to construct a new fire station facility, Fire Station 2, at 141st Avenue North. The proposed site includes a new building, parking lots,

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sidewalks, an access road tying into Northdale Boulevard, and driveways. The project triggers Commission Rules D and E. In their findings dated September 1, 2023, Staff recommended approval conditioned on: (1) escrow reconciliation and (2) receipt of an Operation and Maintenance Plan approved by the City. The Commission approved the project with these conditions at their September 13, 2023, meeting. On January 31, 2024, Andrew Simmons reported that this project is in construction phase. *The escrow balance has been received. This project will be removed from the report.*

v. 2023-011 Sundance Greens 9th Addition, Dayton. The project disturbs 10.6 acres increasing impervious by 2.8 acres for single-family homes. The project relies on existing stormwater approved for previous Sundance Greens Additions and is only an erosion control review request. Staff provided a Staff-level approval for grading the week of the July Commission meeting where approval of this project was tabled. Staff's updated findings dated August 1, 2023, granted approval pending (1) escrow reconciliation and (2) receipt of an Operation and Maintenance Plan acceptable to the City and the Commission within 90 days of plat recordation. On February 6, 2024, Jason Quisberg reported that this project is complete and no O&M agreement is needed since all BMPs are public. *The outstanding escrow balance has been received. This project will be removed from the report.*

w. 2023-015 South Fork Rush Creek Restoration at Evanswood, Maple Grove. This is a 5,500 lineal foot restoration of the South Fork of Rush Creek beginning 100 feet downstream (north) of 101st Street Avenue North Bridge. The project incorporates restoration and stabilization techniques and includes construction of a minimal impact pedestrian bridge. The project disturbs 14.7 acres and proposes no impervious outside the pedestrian bridge (a linear project, the proposed bridge impervious is less than 1 acre and does not trigger stormwater requirements). The project triggers rules E, F and H. The project was reviewed by Staff who recommended 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. On January 24, 2024, Derek Asche reported that this project is under construction.

x. 2023-020 Dunkirk Square, Maple Grove. This project consists of a proposed redevelopment that will disturb 1.53 acres of existing retail parking lot on a portion of Dunkirk Square at the southeast intersection of Maple Grove Parkway and 94th Avenue. The project will redevelop retail parking into a new parking area and a Popeye's Restaurant, triggering Commission Rules D and E. Findings dated September 1, 2023, included Staff's recommendation for approval conditioned on (1) escrow reconciliation, (2) provision of details for orifices and weirs for underground detention, and (3) provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission. The Commission approved Staff findings with those conditions at its September meeting. On January 24, 2024, Derek Asche reported that construction on this project has not yet started.

y. 2023-022 Shores of Sylvan Lake, Rogers. This project consists of the redevelopment of an existing farmstead into five (5) large lots on Sylvan Lake. The project triggers Commission rules D, E and I. This item has been reviewed by Staff and a finding of fact memo dated October 3, 2023, was included in the October Commission packet. This item was approved at the October meeting with two conditions: (1) escrow reconciliation and (2) provision of a Stormwater Maintenance Agreement acceptable to

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the City and the Commission. On January 31, 2024, Andrew Simmons reported that this project will likely begin in the spring and that the plat has not yet been recorded.

z. 2023-023 NORSQ, Maple Grove. This project consists of a 23.2-acre development on a 78.9-acre property located on Garland Lane, east of Lawndale Lane and north of 95th Avenue North. The proposed development consists of an apartment building, a commercial building, and townhomes. Along with the buildings, there will be amenities and associated street and utility infrastructure. The project triggers Rules D, E, F, G, H, and I. Findings dated October 31, 2023, included Staff's recommendation for approval conditioned on (1) escrow reconciliation, (2) provision of a Stormwater Maintenance Agreement acceptable to the City and the Commission. This project was approved at the November meeting with those conditions. On January 24, 2024, Derek Asche reported that this project is under construction. The City is awaiting final ownership for the BMP maintenance agreement.

aa. 2023-025 Rogers Mixed-Use Improvements, Rogers. The applicant is redeveloping a 1.94-acre parcel, triggering Commission Rules D and E. The proposed development is located at the northwest corner of main street (CR 150) and Church Avenue and is bordered by John Deere Lane on the North and the Burlington Northern Railroad on the southwest. The parcel lies in the watershed draining north to the Crow River. The developer is proposing a mixed-use development to replace the existing industrial/commercial land use consisting of both consolidated and unconsolidated bituminous parking with buildings. In addition to eliminating the unconsolidated bituminous parking (which can reduce sediment loads downstream significantly), the applicant proposes increasing pervious area by 7,841 square feet (0.18 acres). The project includes sub-surface stormwater facilities and a commercial filtration system to achieve Commission requirements. There are contaminated soils onsite. The MPCA has reviewed and approved the applicant's construction plans to mitigate contamination exposure during construction. In their findings dated November 21, 2023, Staff recommend approval of this project with the standard escrow and stormwater maintenance agreement conditions. This project was approved at the December meeting with those conditions. On January 31, 2024, Andrew Simmons reported that this project is on hold pending funding concerns.

ab. 2023-028 Rush Creek Hollow, Maple Grove. The project proposes a 3.8-acre development of residential single-family properties with seven new lots and approximately 500 linear feet of new street with bituminous pavement, curb and gutter. The project is located at 18001 101st Avenue North and triggers Rules D, E and I. It was approved at the February Commission meeting conditioned on escrow reconciliation.

ac. 2023-029 Dayton Field 4th Addition, Dayton. This 15.05-acre site is located southwest of the intersection of West French Lake Road and 121st Avenue North. Currently the land is a combination of wetlands, agricultural land and wooded areas draining to French Lake. The applicant proposes construction of two office warehouses (38,200 and 40,200 square feet, respectively) with associated driveways, parking and stormwater management facilities, triggering Rules D, E, G and I. The proposed project disturbs 10.5 acres, creating 5.639 acres of new impervious. The parcels drains a total of 55.5 acres, primarily to the northeast to French Lake and then Diamond Creek. Three biofiltration ponds with iron enhanced sand filters provide for rate control, water quality, and filtration volumes over the D soils site. In their findings dated December 5, 2023, Staff recommended approval of this project with the standard escrow and stormwater maintenance agreement conditions. This project was approved

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at the December meeting with those conditions. On February 6, 2024, Jason Quisberg reported that City approvals are nearly final. Construction is expected to begin this spring. Stormwater maintenance agreements (multiple owners) are being coordinated.

ad. 2023-030 Woodland Hills of Corcoran. This 17.4-acre site is located northeast of the intersection of CSAH 116 and Hackamore Road. The applicant proposes establishing two temporary stockpiles on the site and associated erosion control to stabilize the piles on the site. The proposed project disturbs 3.4 acres creating no new impervious. The existing land use is agricultural, wetlands and a homestead. A complete application was received December 5, 2023. Staff issued a grading permit January 4, 2024, with the standard escrow payment condition, and a request for wetland delineation documentation on site.

ae. 2024-001 Saddle Ridge Development, Rogers. This 40.3-acre site is located on Saddle Ridge Drive, east of Sidney Way. The proposed project involves extending Saddle Ridge Drive to accommodate the development of nine (9) houses. Just under one acre of net impervious surface increase is proposed and 7 acres of impervious surface will be reconstructed. The project triggers Rules D, E, F, and I. This project was approved at the March Commission meeting with standard conditions. The escrow balance will be reconciled and a refund/invoice issued.

af. 2024-002 The Meadows Park, Plymouth. The project area is located at 5805 Peony Lane on a 21.89-acre site and will disturb 11.61 acres. The proposed project will provide pedestrian trails and sidewalk, recreation fields, tennis and sport courts, an ice hockey rink, a parking area, supporting utilities, and two additional stormwater management basins while expanding an existing biofiltration basin. The project will result in a net increase in impervious area of 2.48 acres. The project triggers Rules D, E, and I. This project was approved at the March Commission meeting with the conditions of escrow reconciliation and wetland buffer signage.

ag. 2024-003 Rogers Apartments, Rogers. *The project area is located along Commerce Boulevard on a 1.9-acre site and will disturb 2.2 acres on the project parcel and an adjacent project parcel under the same ownership to the north. The proposed project will construct two multi-unit townhouse buildings with parking and landscaping. The project triggers Rules D, E, and I. A finding of facts memo dated June 4, 2024, is included in the June packet for Commission approval with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.*

ah. 2024-004 Dayton River Road Turn Lane Improvements, Dayton. 2022 improvements at Elsie Stevens Park resulted in significant additional traffic to the park. This necessitates improving the turn lanes on Diamond Lake Road into the park for safety. Considered as part of a common plan project, the 0.33 acres of proposed impervious are treated by bio-filtration basins. The project includes turn lane improvements, stormwater management, and extension of a cattle crossing and associated trail work. The project was reviewed for Rules D and E following a complete submittal received February 20, 2024. Staff recommends approval with escrow resolution and submittal of final plans (the 90% plan set was received/reviewed).

ai. 2024-005 Rush Hollow North, Maple Grove. The project is located on a 9.0-acre site and will disturb 10.6 acres. The proposed project will construct 25 single-family homes, associated driveways, utilities, and streets. Off-site grading and future trails will be completed by others. The project triggers Rules D and E. A finding of facts memo dated March 29, 2024, was included in the April packet. This

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project was approved at the April Commission meeting conditioned on escrow reconciliation and updated notes stating soil decompaction and off-site grading approval.

aj. 2024-007 Eagle Brook Church, Plymouth. The project is a development of an existing parcel with a proposed 64,000 square foot building with parking, cul-de-sac, park, associated trail, utilities and storm water treatment. The existing parcel is 55.96-acres and there is 25.71-acres of proposed disturbance. The existing site currently consists of an existing farmstead and outbuildings, associated driveways and public improvements. The site is located on the northwest quadrant of Maple Grove Parkway and Chankahda Trail. The project triggers Rules D, E, and I. A finding of facts memo dated April 3, 2024, was included in the April packet. This project was approved at the April Commission meeting with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.

ak. 2024-008 Rogers High School Stadium, Rogers. The site is located on Rogers High School property in the northeast corner of the James Road and 141st Avenue North intersection. The proposed project includes a new concessions building, ticketing building, shot-put throwing areas, and trails on a 3.54-acre site. The project triggers Rules D and E. A finding of facts memo dated April 3, 2024, was included in the April packet. This project was approved at the April Commission meeting with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.

al. 2024-009 Heritage Christian Academy, Maple Grove. The site is located at 15655 Bass Lake Road, west of the Bass Lake Road and Vicksburg Lane intersection and east of Nottingham Parkway. The proposed project consists of an expansion of the existing Heritage Christian Academy parking lot and a building addition. The project will disturb 3.0-acres of the 14.2-acre site. Site improvements include mass grading, construction of a building addition, construction of a parking lot addition, concrete sidewalk, curb and gutter, underground storage chamber, erosion control, and landscaping. The project triggers Rules D and E. *This project received Commission approval at the May meeting with the standard conditions of escrow reconciliation and an approved operation and maintenance plan.*

am. 2024-010 Corcoran Storage II, Corcoran. This is a 4.87-acre site located at 23730 State Highway 55. The parcel is on the north side of the highway west of CR 19. It is located at the very edge of the Elm Creek Watershed border with the Pioneer Sarah Creek Watershed border on the west and south edges of the parcel. The project appears to drain locally to the north and northwest to a small ditch, and then to a creek which drains south to the Pioneer Sarah WMO. The applicant proposes construction of a self-storage facility on the currently agricultural parcel. Existing site impervious is 0.12 acres, 2.73 acres of total impervious is proposed post project. The proposed project will disturb most of the parcel (4.8 acres of 4.87 acres). In their findings dated April 24, 2024, Staff recommended approval with three conditions: 1) escrow reconciliation; 2) updated wetland buffer monumentation on the site plans; and 3) a maintenance plan and agreement if required by the City. *This project received Commission approval at the May meeting with those conditions.*

an. 2024-011 Jaeger Jordan Ditch Stabilization Dayton. This 5.96-acre site straddles two adjacent private parcels but is located primarily at 16630 Dayton River Road northwest of Vicks-

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burg Lane. Both parcels drain to the Mississippi River. The applicant proposes stabilizing a ditch which is not a public water that drains to the Mississippi River with bank toe stabilization and grade control structures using rip rap. The project, which includes limited tree clearing to facilitate the work, disturbs 0.66 acres. It will reduce existing sediment loading due to erosion in the ditch and reduce impacts of a recently upsized culvert under Dayton River Road which drains to the ditch. The project adds no new or reconstructed impervious. In their findings dated April 24, 2024, Staff recommended approval with three stipulations: 1) escrow reconciliation, 2) complete erosion control plan details, and 3) provision by the City of title documentation on the BMP at Elsie Stephens Park used for floodplain mitigation which note this volume is compensation for the ravine stabilization. *This project received Commission approval at the May meeting with those conditions.*

ao. 2024-012 Dayton Interchange. This project is located at 17600 Territorial Road in Dayton, at the intersection of Holly Lane and Dayton Parkway. The site is situated at the northern edge of the Rush Creek subwatershed, just inside its edge with the Diamond Creek subwatershed. The parcel is between CR 81 and I94 east of Dayton Parkway directly south of French Lake. The applicant proposes converting the existing site, which has been used for parking and currently houses a cell tower and stormwater pond, to an industrial development containing one 132,100 square foot building and associated parking, access, stormwater and parking. The proposed project disturbs 9.36 acres resulting in 7.24 acres of impervious area post project, a reduction from the existing 8.32 acres of impervious (net reduction of 1.1 acres of impervious). In their findings dated April 24, 2024. Staff recommend approval of the project with the standard conditions: 1) escrow reconciliation; 2) an operation and maintenance plan as required by the City, and 3) any other outstanding city requirements. *This project received Commission approval at the May meeting with those conditions.*

ap. 2024-013 Red Barn Pet Retreat, Corcoran. *This 14.89-acre parcel is located on the northwest corner of Steig Road and Brockton Lane. The border of the South Fork Rush Creek and the Rush Creek subwatersheds bisects the parcel with the east side draining to a wetland in South Fork Rush Creek, and the west side draining to the north and west wetlands. The applicant proposes to construct a building, fenced in synthetic grass area and associated parking area and stormwater conveyance on 3.5 acres of the parcel for a pet care center. The proposed project disturbs 4.77 acres resulting in 1.58 acres of impervious area post project with no existing impervious. The existing site is grassland. In their May 31, 2024, findings, Staff recommends contingent approval with five conditions.*

aq. 2024-014 Schmidt Woods Park, Plymouth. *The site is located north of MN State Highway 55 and west of I-494. Local streets bordering the park include railroad right-of-way to the north, Garland Lane to the east, private property to the west and south, and 47th Avenue North to the south. The proposed project consists of the reconstruction of linear reconstruction of an abandoned cul-du-sac into public trail, playground, and picnic areas with corresponding utilities and vegetation. The project triggers the Commission's rules E and I. A finding of facts memo dated May 23, 2024, is included in the June packet for Commission approval with the standard conditions of escrow reconciliation.*

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ar. 2024-015 Hennessey Grove, Maple Grove. The 9.78-acre site is located south of Bass Lake Road and east of Lawndale Lane N. The proposed reconstruction project includes mass grading, utilities, and a storm basin with filtration bench. The project triggers Rules D E, and I. A finding of facts memo dated June 4, 2024, is included in the June packet for Commission approval with four conditions: (1) escrow reconciliation, (2) concurrence from the City that the proposed sidewalk will not require wetland mitigation, (3) sidewalk grading plan showing that the sidewalk along 68th Avenue North drains towards the street and not towards Wetland 2, and (4) confirmation that Storm Manholes (STMH) #2 and #12 have 4-foot sumps.

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HENNEPIN COUNTY

MINNESOTA

DATE: June 4, 2024

TO: Elm Creek Watershed Management Commission (ECWMC)

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

RE: June ECWMC Updates

Project Updates

Bottema Wetland Restoration (Corcoran)

Staff have shared updated design concepts to address erosion with the landowner and have received feedback. Landowner notes will be incorporated into final designs which will be presented to the city.

Van Asten Cover Crops (Dayton)

Final cover crop plan was approved and state cost share contract was fully executed. Landowner is now able to plant multispecies cover crop mix through the month of June. Staff are currently working with engineering to finalize manure bunker plans. NRCS will also restart potential EQIP application planning with Hennepin County staff.

Christian Settling Basin (Dayton)

State cost share contract was fully executed. Engineering finalized plan set for the settling basin. Final plan set was approved by the city and has been received by the US Army Corps of Engineers for evaluation. Work on the sediment basin is still anticipated to begin later in June.

Welcome Ranch (Dayton)

Hennepin County staff reestablished contract with owner and operators after personnel and engineering staff changes. Staff are currently working to finalize manure bunker plans for landowner approval.



HENNEPIN COUNTY

MINNESOTA

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

Receiving Water(s)	Project Name	Best Mngt. Practice(s) (BMP)	Status	BMP Benefits		Cost		Cost effectiveness *		Funding Sources					
				TP (lbs/yr)	TSS (tons/yr)	Project Dev / Design	Install	\$/lb-TP/yr	\$/ton-TSS/yr	NRCS	Grant **	WBIF	CIP	Henn. Co.	Land-owner
Rush Creek	Cain Fencing	Pasture Mngt.	Installed and Complete (2022)	6.63	-	\$6,419.86	\$14,180.50	\$213.88	-	-	\$7,799.28	-	\$3,545.13	\$1,418.05	\$1,418.05
	Mattila Phase 1	Barn Gutters and Waterers	Installed and Complete (2022)	17.29	-	\$4,279.91	\$33,225.00	\$192.16	-	-	\$24,918.75	-	\$4,983.75	-	\$3,322.50
	Mattila Phase 2	Manure Bunker	Installed and Complete (2023)	4.8	-	\$6,419.86	\$57,675	\$1,141.67	-	-	-	\$31,721.25	\$14,418.75	\$5,767.50	\$5,767.50
	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	\$20,600	TBD	TBD	-	-	\$9,270	\$5,150	\$2,060	\$2,060
	Bottema Restorations	Wetland and Prairie Restoration	Installed	14.2	-	-	\$124,000	\$932.86	-	-	-	\$68,200	\$31,000	\$6,200	\$18,600
	Stotts Phase 1B	Grassed Waterways, Wetland Restoration	In design	TBD ±	TBD	\$4,279.91	TBD	TBD	TBD	-	-	TBD	TBD	TBD	TBD
Diamond Creek, Diamond Lake	Welcome Ranch Manure Bunker/	Manure Bunker, Fencing, HUAP, Barn Drainage	Design	TBD	TBD	-	TBD	TBD	TBD	TBD		TBD	TBD	TBD	TBD
	Van Asten Manure Bunker	Manure Bunker	Cost-Benefit Analysis	TBD	TBD	\$6,419.86	\$36,900				-	\$20,295	\$9,225	\$3,690	\$3,690
	Christian Settling Basin	Sediment Settling Basin	Wetland Delineation	7.89	8.38	TBD	\$11,777	\$171.66	\$161.62		-	\$6,477.35	\$2,944.25	\$1,177	\$1,177
								Total Encumbered:				\$129,486.25	\$91,486.83	\$22,406.03	\$48,120.53
								ECWMC Funding:				\$175,000	\$100,000	-	-
								Remaining:				\$45,513.75	\$8,513.18	-	-

* 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

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Other Hennepin County Programming

Advancing environmental policy: 2024 legislative highlights

Through legislative advocacy, Hennepin County seeks to advance policy that protects the environment. Each year, the county adopts a [legislative platform](#) to prioritize policy initiatives. With the 2024 legislative session wrapped up, here's a look at the county's priorities and highlights from this year.

Highest priority zero-waste policy – Packaging Waste and Cost Reduction Act – passed

The Packaging Waste and Cost Reduction Act is landmark legislation that will require producers of packaging to take responsibility for that packaging all the way from design to recycling or safe disposal. This was the county's highest priority zero-waste policy action.

Packaging that is problematic for the recycling and composting systems is increasingly prevalent. Additionally, many items are disposable, and residents and businesses need more options for reusable, recyclable, or compostable alternatives.

This legislation lays the groundwork for a well-designed extended producer responsibility system that will build on Minnesota's existing recycling infrastructure, ensure sustainable funding to offset the cost of collection, expand end markets, incentivize the redesign of packaging and paper products, and shift producers to more reusable and sustainable packaging.

Responsibly managing waste

The county is aggressively pursuing zero-waste policies, programming, and infrastructure. This includes supporting its partner organization the [Partnership on Waste and Energy's 2024 legislative platform](#).

2024 highlights

- Extended producer responsibility for boat wrap was passed to keep this plastic out of landfills.
- Grants were allocated for composting at multifamily properties.
- A hierarchy of how to manage wasted food was established.
- Routine waste characterization studies at waste facilities across the state were required to ensure current and updated data is available.

Protecting natural resources

The county supports policies and funding to protect and enhance the tree canopy, preserve habitat, and protect water quality.



2024 legislative highlights

- \$5 million was allocated for tree planting through the ReLeaf program, with a priority on planting trees in environmental justice areas of the state.
- Several new studies were commissioned, including:
 - A salt purchasing report to understand use of deicing salts by agencies (excluding MnDOT) and set a goal to reduce salt use by 25% by 2030.
 - A nitrogen fertilizer report to understand use of nitrogen fertilizer by agencies and set a goal to reduce their use by 25% by 2030.
 - A soil health report to illustrate the impacts of money appropriated for soil health activities.

Taking action on climate change

The county supports policies that align with the county's [Climate Action Plan](#).

2024 legislative highlights

- Rebates for electrification of lawn and snow removal equipment were established.
- A resiliency study was commissioned, updates to the resilient communities program were made, and \$5 million was allocated to climate resiliency water infrastructure grants.

Get involved: collect data on urban heat

This summer, Hennepin and Ramsey counties will [partner with volunteer community scientists to gather data](#) as part of NOAA's 2024 Urban Heat Island Mapping Campaign to better understand urban heat islands.

Using heat sensors mounted on their cars, volunteer community scientists will traverse their neighborhoods in the morning, afternoon, and evening on one of the hottest days of the year. The sensors will record temperature, humidity, time, and location.

The mapping project is planned for Saturday, July 27, though the date is subject to change based on weather conditions.

Fill out the [urban heat island mapping volunteer interest form](#) to get updates on the project and how to get involved. For more information, contact urbanheat@hennepin.us.

