



Eagan - Inver Grove Heights

Watershed Management Organization

AGENDA

BOARD OF MANAGERS MEETING

April 15, 2025 at 5:30 P.M.

Inver Grove Heights City Hall

8150 Barbara Ave, Inver Grove Heights, MN 55077

1. Call to Order
2. Approval of Agenda
3. Consent Agenda
 - 3.1. Minutes March 18, 2024*
 - 3.2. Invoices for Payment*
 - 3.3. 2025 Year-to-Date Financial Summary*
4. Watershed Plan Update*
5. New Business
 - 5.1. Watershed Plan Budget Amendment*
 - 5.2. Special Meeting Tuesday, May 20
 - 5.3. 2025 Communication and Outreach Plan
 - 5.3.1. Outreach, Library Exhibit Update
 - 5.3.2. CLIMB Theater Agreement/Invoice*
 - 5.4. Annual Report
6. Community Updates
7. Adjournment

A Joint Powers Organization of the Cities of Eagan and Inver Grove Heights

3830 Pilot Knob Road, Eagan, MN 55122-1810

Phone: (651) 675-5300



1. Call to Order

Chair Monica Foss called meeting to order at 5:30pm.

Present: Chair Monica Foss (Eagan), Vice Chair Sarah Saito (Inver Grove Heights), Kathleen Reitz (Eagan), Jennifer Workman-Jesness (Eagan)

Staff: E-IGHWMO Administrator Victoria Ranua, City of Eagan Water Resources Specialist Gregg Thompson, City of Eagan Water Resources Manager Jenna Olson, City of Inver Grove Heights Engineering Technician Nicole Portugal.

Others: Anne Sayer (BSWR), Lisa Tilman (Stantec), Grace Nuemiller (Stantec)

2. Approval of Agenda

A motion by Reitz to approve the agenda. Second by Workman-Jesness. Motion carried unanimously.

3. Consent Agenda

3.1 Minutes of February 18, 2025 Meeting

3.2 2024 Year End Financial Summary

3.3 2025 Year-to-Date Financial Summary

A motion by Workman-Jesness to approve the consent agenda with the correction to the February 18 minutes at 5.4 Audit (adding who seconded the motion and that the motion passed). Second by Saito. Motion carried unanimously.

4. Presentations

Stantec solicited feedback on their issue and goals worksheets / documents. The assessment of Watershed activities and rating the 1st generation Watershed plan worksheets helped solicit solid discussion about the strength of the Watershed Management Organization (WMO) in reaching individuals to help affect behavior changes and how the City is doing the heavy lifting to correct past behaviors that impaired waterbodies. It helped solidify the activities of the WMO to focus on individuals, with Cities continue to work on those heavier lifting activities (engineered solutions, etc.).

Stantec prepared some draft goals/action items based on the previous plan's goals/action items and feed back from the February 18 meeting and survey responses based on the February 18 meeting. The consensus from the WMO Board

members and Technical Advisory Committee (TAC) members was that the goals seemed premature at this stage. There was no specific discussion going over individual goals. Based on a draft action item related to alum treatments effect on a specific lake and associated wetlands, City of Eagan staff commented on the danger of having goals/action items be too specific. The comment encompassed concerns that having it documented in the plan this way didn't allow flexibility if it could not be achieved due to funding changes, difficulty in working with natural systems, change in priority due to emerging issues, and creating an unnecessary contentious dynamic between the WMO and the Cities (words "monitor and assess efficacy of"). The only common point of support seemed to be in adding chloride reduction-based goals/actions items, without anyone reviewing any specific details.

5. New Business

5.1 Board Management, Agenda Packet Timeline

Board heard how the cultural practice of the having the packet mailed/delivered electronically 10 days before meeting was negatively affecting the quality of material sent related to the Watershed Plan update process. There was nothing in the JPA or other statute requiring this timeline. The board verbally had consensus that packet material delivered the Friday before their Tuesday meetings would be sufficient time to review board material.

5.2 Watershed Plan, Budget and Timeline

While the Watershed Plan milestones are on track, they may not be hitting them with the quality expected to have a sound end-product. There was a general acknowledgement that the timeline they accepted in the proposal, seems rushed now in reality. The solutions to this may include budgeting additional consultant and/or staff time to facilitate the process. Discussed that a change would likely involve amending the contract with Stantec and/or amending the approved budget. Monies appears to have been informally set-aside in the past for the watershed plan (and is currently in the bank account), but was not discussed during budget planning or Watershed Plan consultant selection at the end of 2024. One Board Manager had notes from 2023, verifying the informal discussion of the aside amount which later appeared in balance sheets approved by the board. Overall, the board sense was supportive of this, but no formal action was taken.

5.3 Annual Appointment

Saito made a motion to nominate Workman-Jessness as Chair. Seconded by Reitz. Motion carried unanimously.



Saito made a motion to nominate as Reitz as Vice-Chair. Seconded by Workman-Jessness. Motion carried unanimously.

Workman-Jessness made a motion to nominate as Saito as Secretary/Treasurer. Seconded by Reitz. Motion carried unanimously.

5.4 2025 Communications and Outreach Plan

5.4.1 Outreach, Library Exhibit Update

Saito made a motion to have Reitz to circle back with Wescott Library (Eagan) to come to an agreement about display sequencing. Seconded by Foss. Motion carried unanimously.

5.4.2 Outreach, Rain barrel Sale

Board reviewed the past history of the rain barrel program, the cost and that the County is now running a rain barrel program. They decided to not do the rain barrel program this year. They noted that the money not utilized for the rain barrels could potentially be re-allocated for the Watershed Plan update (consultant or staff time) if needed in the future.

5.4.3 Outreach, Adopt-A-Drain Proposal

Board reviewed the classroom support proposal from Adopt-A-Drain. It was not an activity they were interested in this year, due to the Watershed Plan update, but something to consider in the future as it had measurable outcomes (pollution reduction, # of students, potential drain adoption outside the classroom).

6. Community Updates

None.

7. Agenda Items for April 15, 2025 Meeting in Inver Grove Heights

Agenda items for April 15 will include Watershed Plan update, need for Special meeting in May, library display update, and review of CLIMB Theater agreement.

8. Adjournment

A motion by Saito to adjourn meet. Second by Foss. Motion carried unanimously.
Meeting adjourned at 7:50 pm.

Respectfully submitted,



Victoria Ranua
Administrator

Approved by Board
XX/XX/2025

DRAFT

Invoice Number	2363300
Invoice Date	March 7, 2025
Purchase Order	227707496
Customer Number	1312103
Project Number	227707496

Bill To

Eagan-Inver Grove Heights
Water Management
Organization
Victoria Ranua
4100 220th Street
Suite 102
Farmington MN 55024
United States

Please Remit To

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

Project	2nd Generation Watershed Management Plan		
Project Manager	Spector, Diane F	Contract Upset	32,759.00
Current Invoice Total (USD)	5,210.50	Amount Billed to Date	9,080.00
		For Period Ending	February 21, 2025

Top Task	100	Stakeholder Input		
<u>Professional Services</u>				
Category/Employee		Current Hours	Rate	Current Amount
	Tilman, Elizabeth (Lisa)	5.25	204.00	1,071.00
	Subtotal Professional Services	5.25		1,071.00
Top Task Subtotal	Stakeholder Input			1,071.00

Top Task	200	Plan Update & Review		
<u>Professional Services</u>				
Category/Employee		Current Hours	Rate	Current Amount
	Neumiller, Grace Catherine	12.00	152.00	1,824.00
	Neumiller, Grace Catherine	11.75	158.00	1,856.50
	Tilman, Elizabeth (Lisa)	2.25	204.00	459.00
	Subtotal Professional Services	26.00		4,139.50

Top Task Subtotal	Plan Update & Review			4,139.50
Total Fees & Disbursements				<u>5,210.50</u>
INVOICE TOTAL (USD)				5,210.50

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

Invoice Number	2374097
Invoice Date	March 28, 2025
Purchase Order	227707496
Customer Number	1312103
Project Number	227707496

Bill To

Eagan-Inver Grove Heights Water
Management Organization
Victoria Ranua
4100 220th Street
Suite 102
Farmington MN 55024
United States

Please Remit To

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

Project	2nd Generation Watershed Management Plan		
Project Manager	Spector, Diane F	Contract Upset	32,759.00
Current Invoice Total (USD)	6,457.00	Amount Billed to Date	15,537.00
		For Period Ending	March 21, 2025

Top Task	100	Stakeholder Input			
<u>Professional Services</u>					
Category/Employee			Current Hours	Rate	Current Amount
		Neumiller, Grace Catherine	6.00	158.00	948.00
		Tilman, Elizabeth (Lisa)	6.00	204.00	1,224.00
		Subtotal Professional Services	<u>12.00</u>		<u>2,172.00</u>

Top Task Subtotal	Stakeholder Input	2,172.00
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Top Task	200	Plan Update & Review			
<u>Professional Services</u>					
Category/Employee			Current Hours	Rate	Current Amount
		Neumiller, Grace Catherine	15.50	158.00	2,449.00
		Lofton, Dendy D	0.50	204.00	102.00
		Tilman, Elizabeth (Lisa)	8.50	204.00	1,734.00
		Subtotal Professional Services	<u>24.50</u>		<u>4,285.00</u>

Top Task Subtotal	Plan Update & Review	4,285.00
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Total Fees & Disbursements	<u>6,457.00</u>
INVOICE TOTAL (USD)	6,457.00

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



Dakota County Soil & Water Conservation District

4100 220th Street West, Ste 102
Farmington, MN 55024
(651) 480-7777
DakotaSWCD.Accounting@CO.Dakota.MN.US

Invoice

DATE	INVOICE #
4/1/2025	3454

BILL TO

Eagan-Inver Grove Heights WMO
C/O Jenna Olson
3501 Coachman Point Road
Eagan, MN 55122

AGREEMENT

2025 Agreement

BILLING PERIOD

Jan - Mar 2025

TERMS

Net 30 Days

DESCRIPTION

HRS/COUNT

RATE

AMOUNT

ADMINISTRATION

Financial Reports, Board Meeting Preparation, Audit, Special Meeting, Watershed Plan Update, and General Correspondence.

Watershed Plan Update

Fee: Printing and Postage

Fees:

36 100.00 3,600.00

28 100.00 2,800.00

1 25.00 25.00

0 0.00 0.00

EDUCATION AND OUTREACH

Website Maintenance

Fee: Website Hosting

Advocacy and Outreach: LCW lakeshore mailing, LRI workshop coordination, tabling event support, and general inquiries.

Landscaping for Clean Water Intro Class

Landscaping for Clean Water Design Class

Landscaping for Clean Water Maintenance Workshop

Lawns Reimagined Workshop

2.5 100.00 250.00

1 900.00 900.00

4.5 100.00 450.00

0 2,000.00 0.00

0 4,000.00 0.00

1 2,000.00 2,000.00

0 3,000.00 0.00

TECHNICAL ASSISTANCE

Landscaping for Clean Water Technical Assistance:

WBIF Match - Places of Worship (1.5 hours billed at BWSR billable rate)

0 600.00 0.00

1 87.00 87.00

COST SHARE

Landscaping for Clean Water Grants:

0 250.00 0.00

It's been a pleasure working with you!

Total \$10,112.00

E-IGH Watershed Management Organization

2025

Revenue and Expense Summary

General Fund	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	2024 TYD	2024 Budget	Remaining	% Utilized
Revenues:								
Member Allocations					\$ -	\$ 52,000.00	\$ 52,000.00	0%
Interest Income					\$ -	\$ -	\$ -	0%
Use of Restricted Fund Balance	\$ 15,537.00	\$ -	\$ -	\$ -	\$ 15,537.00	\$ 52,000.00	\$ 36,463.00	30%
Total Revenues:	\$ 15,537.00	\$ -	\$ -	\$ -	\$ 15,537.00	\$ 104,000.00	\$ 88,463.00	15%
Expenses:								
Work Program								
A. File Annual Activity Report, Finance Report and Audit					\$ -	\$ 4,000.00	\$ 4,000.00	0%
B. Publish/Distribute Annual Newsletter or Communication					\$ -	\$ 300.00	\$ 300.00	0%
C. Web Site	\$ 1,150.00				\$ 1,150.00	\$ 1,000.00	\$ (150.00)	115%
D. Board Education					\$ -	\$ 500.00	\$ 500.00	0%
E. Implement Watershed Plan								
1. Support Existing Programs (LCW, CLIMB, MWS)	\$ 2,000.00				\$ 2,000.00	\$ 26,200.00	\$ 24,200.00	8%
2. WMO Education and Outreach Programs (+LRI)	\$ 800.00				\$ 800.00	\$ 4,000.00	\$ 3,200.00	20%
3. Water Conservation Marketing Campaign					\$ -	\$ 7,500.00	\$ 7,500.00	0%
Organizational Administration								
Staff Services (general)	\$ 6,425.00				\$ 6,425.00	\$ 22,000.00	\$ 15,575.00	29%
Engineering and Consulting Services (general)	\$ 87.00				\$ 87.00	\$ 3,000.00	\$ 2,913.00	3%
Legal Consulting Services (general)					\$ -	\$ 500.00	\$ 500.00	0%
Watershed Plan - RESTRICTED FUNDS								
Consulting Services	\$ 15,537.00				\$ 15,537.00	\$ 35,000.00	\$ 19,463.00	44%
Staff Services (Watershed Plan Update)								
Total Expenses:	\$ 57,073.00	\$ -	\$ -	\$ -	\$ 25,999.00	\$ 104,000.00	\$ 78,001.00	
Net Surplus / (-) Deficit	\$ (41,536.00)	\$ -	\$ -	\$ -	\$ (10,462.00)	\$ -		

E-IGH Watershed Management Organization

2025

Balance Sheet**Assets**

Cash in Checking \$106,430.42

Cash in Savings \$ 1.00

Total Cash: \$ 106,431.42

Accounts Receivable \$ -

Total Assets: \$ 106,431.42**Liabilities and Equity**

Accounts Payable \$ 21,779.50

Equity

General Fund Balance January 1 \$ 50,650.92

Fund Balance Reserved for WP \$ 44,463.00

Net Surplus / (-) Deficit \$ (10,462.00)

Total Equity: \$ 84,651.92**Total Liabilities and Equity: \$ 106,431.42**



Memo

To:	Board of Managers	From:	Lisa Tilman Grace Neumiller
Project/File:	Eagan-Inver Grove Heights WMO Watershed Management Plan Update	Date:	April 10, 2025

Reference: Watershed Plan Update: Watershed Issues & Goals Feedback Summary from E-IGH WMO Board Discussion and Eagan Citizens Advisory Committee (Sustainable Eagan Advisory Committee) Discussion

The following is a list of input on issues and goals discussed at the March 2025 E-IGH WMO Board Meeting, organized as follows: (1) Current Successful Initiatives and (2) Issues and Concerns for the 2nd Generation Watershed Management Plan. Subsequently, feedback from the April Eagan Citizens Advisory Committee meeting is listed. These lists are not exhaustive but contain the highlights of discussion.

1. Current Successful Initiatives:

- Community Engagement
 - Excellent educators, staff, partnerships with cities
 - E-IGHWMO tabling at community events, including Earth Day
 - Distribution of salt cups to raise awareness and change behavior around salt use for deicing
 - Distribution of pet waste bags to raise awareness and change behavior around pet waste management
 - Water exhibits at Library and community theater events
 - Traveling displays and engaging activities for City use with hands-on experiential learning tools
 - Adopt-a-Drain program
 - Newsletter articles
 - Active website
 - Educational Signage at City Hall
- Stormwater Management Practices
 - Landscaping for Clean Water projects
 - Delisting of nutrient-impaired waterbodies
 - Water usage practices
 - Alum dosing station on Fish Lake

2. Issues and Concerns

- Salt impacts from deicing and water softeners, salt outreach for businesses
- Coordinating WMO efforts to eliminate redundancy
- Climate change altering water resources management and education needs

Reference: Watershed Plan Update: Issues & Goals Feedback

- Existing landowner shoreline practices don't always reflect current best practices
- Aquatic invasive species can decrease lake quality and use
- Maintaining an adequate supply of clean groundwater
- Data center water efficiency

Below is a summary of feedback on the E-IGH WMO plan update process received from City of Eagan citizens at the Sustainable Eagan Advisory Commission meeting on Tuesday, April 8, 2025.

Topic	Issue	Potential Solution
Groundwater	High Irrigation Usage	Irrigation Education, incentives to install management systems
Groundwater	Prudent Commercial and Industrial Usage (Data centers?)	Promote leadership in policies that balance stewardship with economic opportunities
Groundwater	Influence of the Pine Bend refinery nearby and its pipelines through Eagan on groundwater	Any info? Studies?
Habitat	Foot traffic for fishing trampling vegetation	Awareness (Signage), and perhaps increase designated fishing spots
Habitat	Fisherman dumping bait into lakes	Awareness (Signage, bait disposal spots)?
Habitat	Watercress, invasive species	Host harvesting events (with cleaning stations)?
Habitat	PFAS in Fish	City already does Hg and PFAS alerts, City does fish tissue testing, any amplifying activities WMO can do?
Water Quality	Thomas Lake being green	Nutrient Management
Water Quality	Trash in Lakes	Awareness, and Community Clean-Up events
Water Quality	Runoff quality	Adopt-a-Drain to supplement City Street Sweeping Program
Water Quality	Wastewater: proper drain management for grease, fat, and oils	Commercial (Restaurants) and Homeowner Education
Water Quality	Salt Education for commercial and residential users	Chloride usage, winter de-icing, and water softeners
Water Quantity	Decreasing water levels due to changes in precipitation patterns (drought)	Unknown
Water Quantity	Increase in impervious surface (hardscaping)	Be conscious of impact, maybe increase commercial, residential raingardens



Memo

To: Board of Managers From: Lisa Tilman
Grace Neumiller
Project/File: Eagan-Inver Grove Heights WMO Date: April 10, 2025
Watershed Management Plan Update

Reference: Watershed Plan Update: Issues & Goals Plan Draft Pages, Land & Water Resources Inventory Plan Draft Pages

The Eagan-Inver Grove Heights WMO recently began the process to update its Watershed Management Plan to define the goals and actions it will follow over the next 10 years. The watershed planning process provides an opportunity for the WMO Board to evaluate the current role and work of the watershed and to define a clear path forward toward achieving local water-related goals.

At the March Issues and Goals discussion meeting, the E-IGH WMO Board discussed what is currently going well with the WMO, what issues and concerns are still present in the watershed, and what direction and key priorities the WMO would like to take for this 2nd Generation Watershed Plan.

Stantec synthesized the Board's input on issues and goals and incorporated these ideas into the draft plan. **Please review the attached Issues & Goals section of the plan and evaluate if you feel the measurable action items accurately depict the desired actions and level of effort that the watershed can accomplish over the next 10 years.**

The 2nd Generation Plan also updates the Land & Water Inventory of the E-IGH watershed. Several figures and tables have been updated to reflect lake de-listings from the impaired water list, recent data in support of climate change, current census data, updated land use, planned land use, and recreation feature maps, lake water quality data summaries, and a map of the floodplain. **Please review Section 2.0: Land & Water Inventory draft plan pages in your packet and provide us with any feedback, questions, or comments.**

2.0 Inventory and Condition Assessment

This section documents existing conditions and resource characteristics within the Eagan-Inver Grove Heights watershed. Where the Local Water Management Plans or other planning documents provide a detailed inventory of conditions, those data are not repeated here but are referenced and listed in the 8.0 References section. A summary of that information is provided for context, with new or updated information presented in more detail.

The Physical Environment subsection describes the watershed's physical setting, geology and geomorphology, soils, and water resources. The Biological Environment subsection describes vegetation, biodiversity and native communities, unique features, and the biology of lakes and streams. The subsection Human Environment describes land use and growth patterns, recreational resources, and potential environmental hazards. The lakes, streams, and wetlands in the watershed are described in the Water Resources section.

2.1 WATERSHED PHYSICAL ENVIRONMENT

2.1.1 Location

The Eagan-Inver Grove Heights watershed covers just over 30 square miles in northwest Dakota County. There are two municipalities with land in the watershed (Figure 1.1, Table 2.1).

Table 2.1. Cities in the Eagan-Inver Grove Heights watershed.

Cities	Area (sq mi)	% of Total
Eagan	29.37	95.9%
Inver Grove Heights	1.24	4.1%
Total	30.61	

2.1.2 Topography and Drainage

The watershed is rolling to hilly and slopes from the south and southeast northwest to the Minnesota River. The topography is characterized by deep, poorly drained depressions that hold wetlands and ponds and are naturally land locked. Many of these outlet through storm sewer. There are no perennial streams draining the watershed.

2.1.3 Geology and Geomorphology

The E-IGH watershed is located within the Twin Cities formation of the Eastern St. Croix Moraine, which is characterized by relatively steep hills, rolling topography and occasional deep depressions filled with either small lakes or peat. In general, the area between I-35E and the Minnesota River is dominated by Des Moines Lobe mixed till and mixed outwash deposits, with the balance of the watershed dominated by Superior Lobe till.

2.1.4 Climate

The climate is predominately continental. Sitting close to the middle of North America, the weather in the watershed can vary widely and rapidly. Both temperature and precipitation can change abruptly. Table 2.2 shows the watershed's temperature normals, or averages, for the last 30 years.

Table 2.2. Temperature normals in °F for the Eagan-Inver Grove Heights watershed.

Minneapolis-St. Paul International Airport (1991-2020)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Maximum	23.6	28.5	41.7	56.6	69.2	79.0	83.4	80.7	72.9	58.1	41.9	28.8	55.4
Minimum	8.8	12.7	24.9	37.5	49.9	60.4	65.3	62.8	54.2	40.9	27.7	15.2	38.4
Mean	16.2	20.6	33.3	47.1	59.5	69.7	74.3	71.8	63.5	49.5	34.8	22.0	46.9

Source: Minnesota State Climatology Office and National Climatic Data Center.

In a normal year, around 31 inches of precipitation falls on the watershed. Table 2.3 shows the watershed's precipitation normals. Winter snowfall averages about 51 inches. Snow generally stays on the ground from mid-December to early March. Temperature, snow and rainfall data for the watershed are obtained at the weather station at the Minneapolis-St. Paul International Airport.

Table 2.3. Precipitation normals in inches for the Eagan-Inver Grove Heights watershed.

Minneapolis-St. Paul International Airport (1991-2020)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Precipitation	0.89	0.87	1.68	2.91	3.91	4.58	4.06	4.34	3.02	2.58	1.61	1.17	31.62
Snow	11.0	9.5	8.2	3.5	0	0	0	0	0	0.8	6.8	11.4	51.2

Source: National Oceanic and Atmospheric Administration (NOAA) National Weather Service National Climatic Data Center.

2.1.5 Soils

Most of the watershed's upland area is composed of well-drained Kingsley sandy or Kingsley-Mahntomedi complex soils. Texture is generally loamy or sandy with moderate infiltration rates when thoroughly wetted. Moderately permeable soils dominate the watershed, as indicated by the large areas covered by soil hydrologic groups B and C (Figure 2.1). Soil hydrologic group characteristics are detailed in Table 2.4.

The soils information in Figure 2.1 and Table 2.4 is provided for use in describing the general characteristics of the major soil associations for summary purposes. The Dakota County Soil Survey or on-site soil borings should be consulted for site-specific information. The Soil Survey is available through the Dakota County SWCD or the online [Web Soil Survey](#) (USDA NRCS 2019).

Hydrologic Soil Group

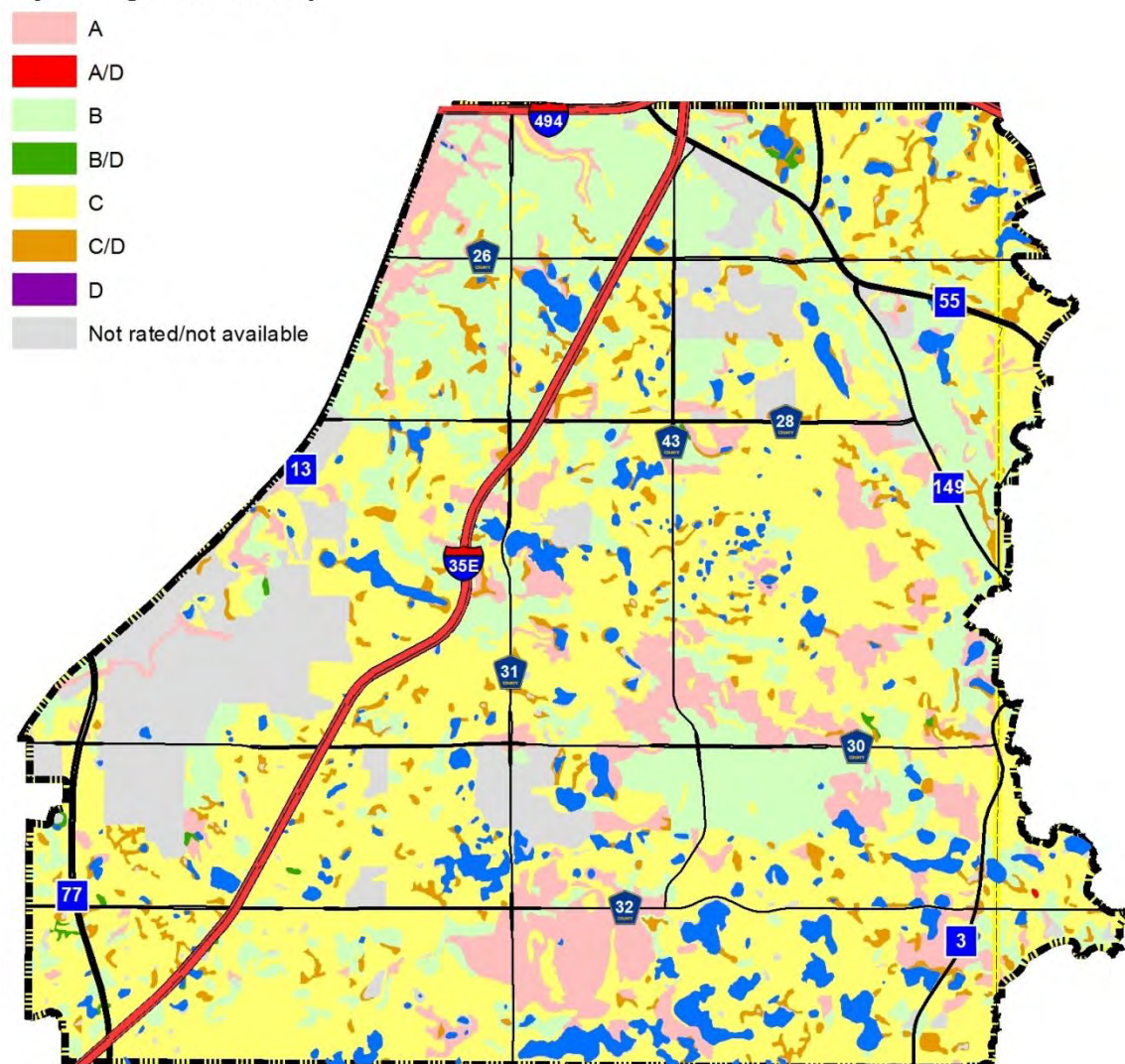


Figure 2-1. Soils by Hydrologic Soil Group classification.

Source: USDA NRCS SSURGO.

Table 2.4. Soil characteristics and infiltration rates by Hydrologic Soil Group (HSG).

HSG	Infiltration Rate/Hour	Texture	Unified Soil Classification System
A	1.63"	Gravel, sandy gravel and silt gravels	GW – well graded gravels, sandy gravels GPO – Gap-graded or uniform gravels, sandy gravels GM – Silty gravels, silty sandy gravels SW – Well-graded, gravelly sands
	0.8"	Sand, loamy sand or sandy loam	SP – Gap-graded or uniform sands, gravelly sands
B	0.45"		SM – Silty sands, silty gravelly sands
	0.3"	Loam, silt loam	MH – Micaceous silts, diatomaceous silts, volcanic ash
C	0.2"	Sandy clay loam	ML – Silts, very fine sand, silty or clayey fine sands
D	0.06"	Clay loam, silty clay loam, sandy clay, silty clay or clay	GC – Clayey gravels, clayey sandy gravels SC – Clayey sands, clayey gravelly sands CL – Low plasticity clays, sandy or silty clays OL – Organic silts and clays of low plasticity CH – Highly plastic clays and sandy clays OH – Organic silts and clays of high plasticity

Source: Minnesota Stormwater Manual (MPCA 2015).

2.2 WATERSHED BIOLOGICAL ENVIRONMENT

2.2.1 Vegetation

At the time of the Public Land Survey, the watershed was dominated by the Big Woods of maple-basswood forest. Aspen-oaklands and oak openings and barrens are ecotones between open prairie and deciduous forest, characterized by small groves of trees interspersed with prairie (see Figure 2-2). Since the area has been converted to urban uses and agriculture only a few remnants of the presettlement vegetation remain, mostly preserved within local and Lebanon Hills Regional Park. The DNR and Minnesota Biological Survey (MBS) have identified those locations in the watershed with intact native plant communities, and those with biodiversity significance (see Figure 2.3).

The DNR identified Regionally Significant Natural Resource Areas by evaluating land characteristics: the imperviousness of areas of natural land cover; the size and shape of the natural area; the adjacent land use and land cover; connectivity to other natural areas; and presence of native plant communities. The Minnesota Biological Survey (MBS) identified sites of biodiversity significance that may contain high quality native plant communities, rare plants, rare animals, and/or animal aggregations. A biodiversity significance rank is assigned on the basis of the number of rare species, the quality of the native plant communities, size of the site, and context within the landscape.

The MBS identifies native plant communities, which are a group of native plants that interact with each other and the surrounding environment in ways not greatly altered by humans or by introduced plant or animal species. Table 2.5 indicates the native plant community types that have been identified in the watershed and their conservation status.

Table 2.5. Native plant community types observed in the Eagan-Inver Grove Heights watershed.

Community Type	Last Cataloged	State Status
Mesic prairie (southern) type	1998	S2
Oak forest (southeast) mesic type	1993	SNR
Tamarack swamp (southern)	1993	S2S3
Red oak-sugar maple – basswood – (bitternut hickory) forest	1993	S3
Red oak-white oak forest	1994	S4

Minnesota conservation status ranks include S1 = critically imperiled; S2 = imperiled; S3 = vulnerable to extirpation; S4 = apparently secure, uncommon but not rare; S5 = secure, common, widespread, and abundant.

Note: Current as of 2015. Not based on a comprehensive survey of the state or watershed. Absence of observation does not mean other species or community types are not present.

Source: Natural Heritage and Nongame Research Program of the Division of Ecological and Water Resources, Minnesota Department of Natural Resources (DNR).

Rare, Threatened, and Endangered Species. The DNR Natural Heritage and Nongame Research Program maintains a database of observations of rare plant and animal species compiled from historical records from museum collections and published information supplemented with data from years of field work. No rare plant species were listed in that database as being observed

recently or at some time in the past within the watershed. However, the protected calcareous fens, wet meadows, and Minnesota River bottoms are home to rare and threatened species of concern.

Presettlement Vegetation

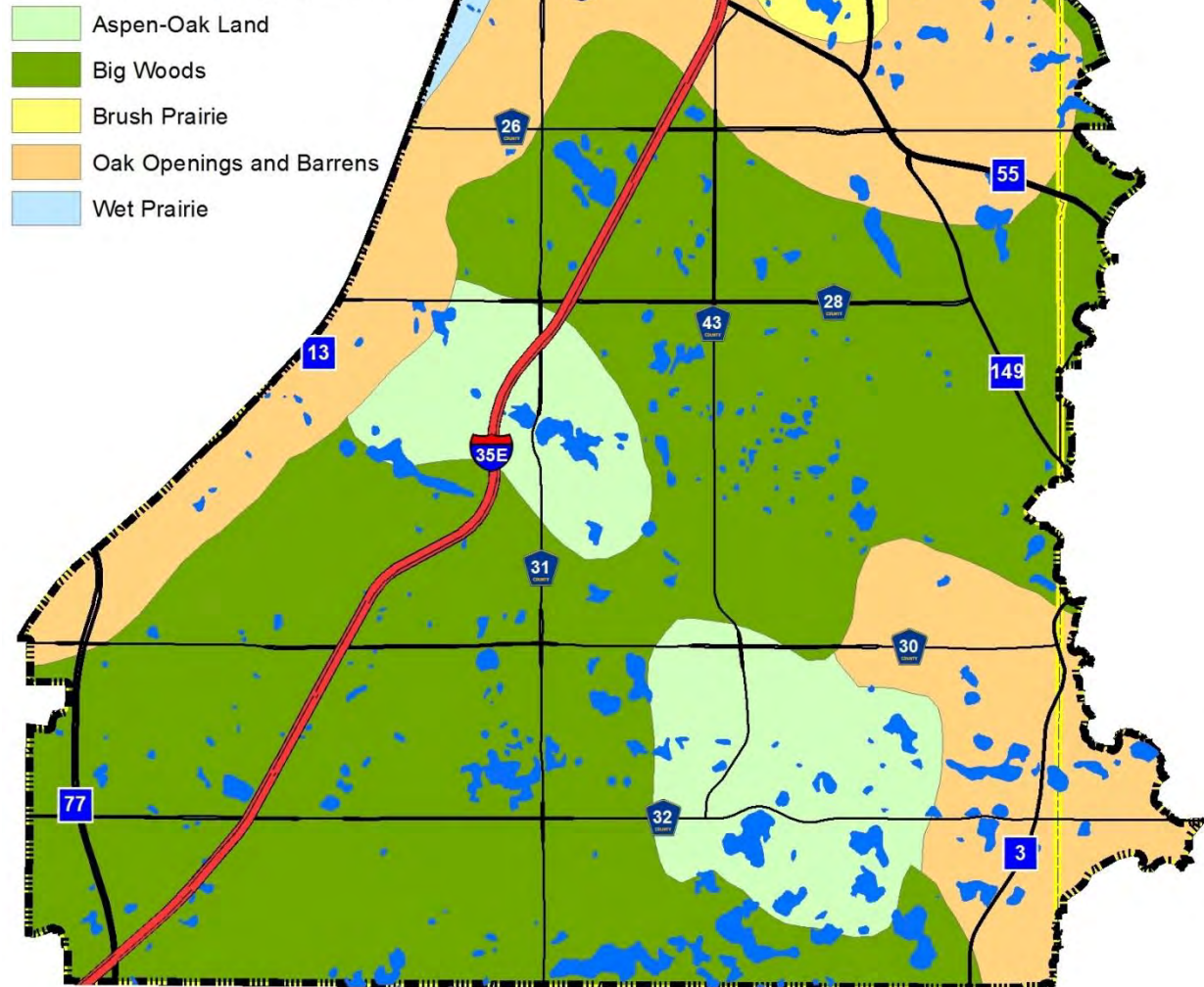


Figure 2-2. Presettlement vegetation.

Source: Minnesota DNR.

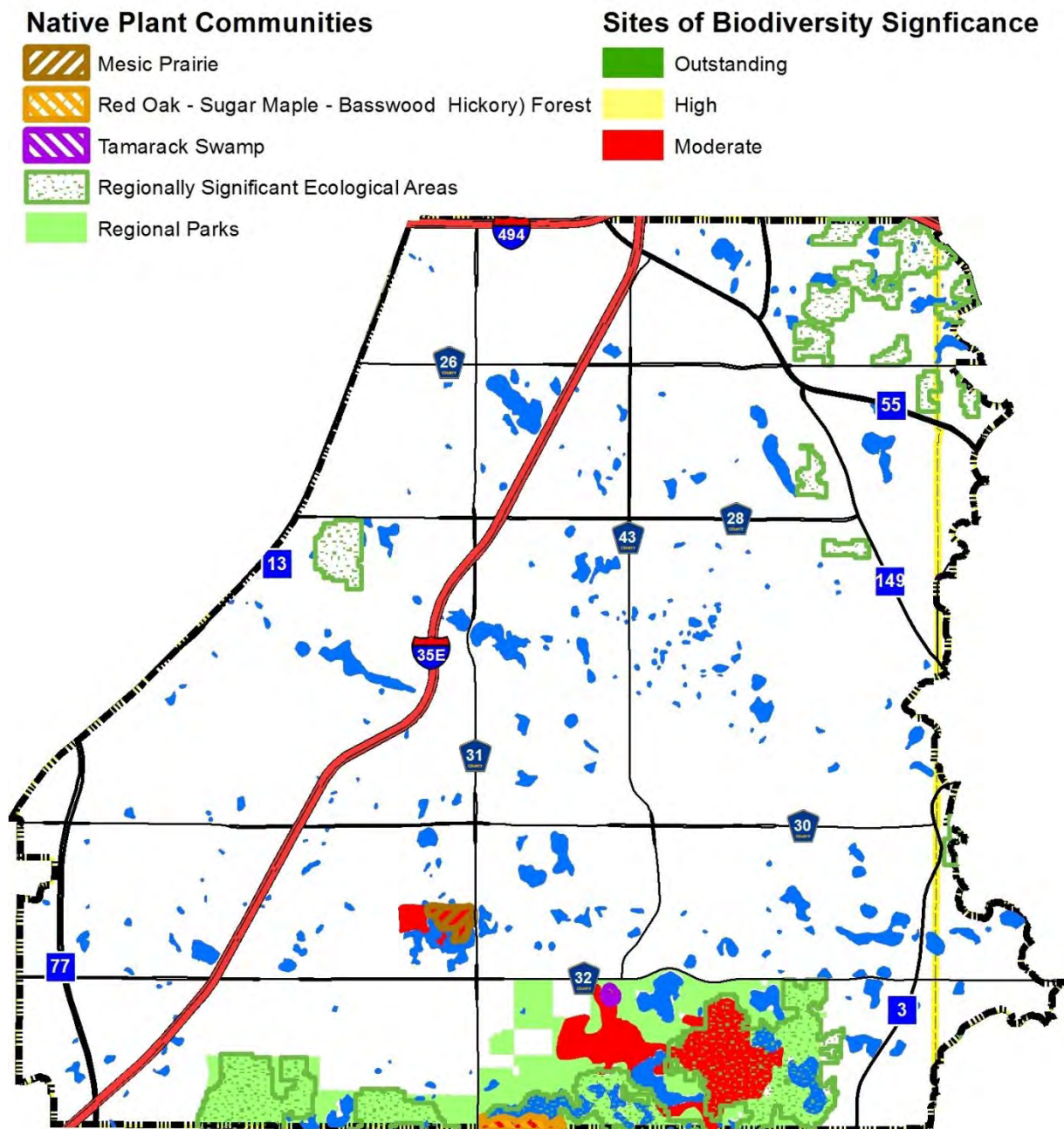


Figure 2-3. Sites of ecological diversity and significance.

Source: Minnesota County Biologic Survey (CBS), Minnesota DNR.

2.2.2 Fish and Wildlife

Fish. Fishing is possible on many of the lakes in the Eagan-Inver Grove Heights watershed. The City of Eagan maintains an online resources that include [directions and lake access](#) (City of Eagan 2025), [common fish species](#) (City of Eagan 2025), and [information about lake management](#) (City of Eagan 2025). Lakes that are regularly stocked with fish by the DNR are shown in Table 2.6. The [DNR](#)

[Lakefinder](#) (MDNR 2025) website may be consulted to find the latest fish survey information for each lake.

Table 2.6. DNR fish stocking in lakes in the Eagan-Inver Grove Heights watershed, 2003-2024.

Lake	Year(s) Stocked	Fish Stocked
LeMay	2018, 2015-2014	Yellow perch, Black crappie, largemouth Bass
Fish	2018-2016, 2014	Walleye, channel catfish, northern pike, yellow perch
Carlson	2024- 2017, 2015-2010	Walleye, channel catfish
McDonough	2014-2010	Bluegill sunfish, black crappie

Source: Minnesota DNR.

Rare, Threatened, and Endangered Species. The DNR Natural Heritage and Nongame Research Program maintains a database of observations of rare plant and animal species compiled from historical records from museum collections and published information supplemented with data from years of field work. Table 2.7 shows the rare fish and wildlife species listed in that database as being observed recently or at some time in the past within the watershed.

Table 2.7. Rare animal species observed in the Eagan-Inver Grove Heights watershed.

Scientific Name	Name	Last Cataloged	Federal Status	State Status
<i>Buteo lineatus</i>	Red-shouldered Hawk	1988	-	SPC
<i>Emydoidea blandingii</i>	Blanding's turtle	1988	-	THR
<i>Emydoidea blandingii</i>	Blanding's turtle	1993	-	THR
<i>Emydoidea blandingii</i>	Blanding's turtle	2000	-	THR
<i>Chondestes grammacus</i>	Lark sparrow	2008	-	SPC
<i>Emydoidea blandingii</i>	Blanding's turtle	2017	-	THR
<i>Crotalaria sagittalis</i> var. <i>sagittalis</i>	Rattlebox	2017	-	SPC
<i>Emydoidea blandingii</i>	Blanding's turtle	2018	-	THR
<i>Etheostoma microperca</i>	Least darter	2018	-	SPC
<i>Notropis anogenus</i>	Pugnose shiner	2018	-	THR
<i>Emydoidea blandingii</i>	Blanding's turtle	2019	-	THR
<i>Etheostoma microperca</i>	Least darter	2019	-	SPC
<i>Notropis anogenus</i>	Pugnose shiner	2019	-	THR
<i>Etheostoma microperca</i>	Least darter	2020	-	SPC
<i>Notropis anogenus</i>	Pugnose shiner	2020	-	THR
<i>Emydoidea blandingii</i>	Blanding's turtle	2021	-	THR
<i>Cygnus buccinator</i>	Trumpeter Swan	2021	-	SPC
<i>Etheostoma microperca</i>	Least darter	2021	-	SPC
<i>Notropis anogenus</i>	Pugnose shiner	2021	-	THR

Minnesota conservation status ranks include END-endangered, THR-threatened, SPC-special concern.

Note: Current as of 2025. Not based on a comprehensive survey of the state or the watershed. Absence of observation does not mean other species are not present. Some species may have multiple observations.

Source: Natural Heritage and Nongame Research Program of the Division of Ecological and Water Resources, Minnesota Department of Natural Resources (DNR).

Aquatic Invasive Species. As of 2025 seven lakes in the watershed have been determined by the Department of Natural Resources (DNR) to be infested with Eurasian Watermilfoil (*Myriophyllum spicatum*), an invasive exotic plant species. The DNR has determined Holz Lake to be infested with Flowering Rush (*Butomus umbellatus*) (see Figure 2.7). Also, numerous other lakes and wetlands contain non-native Purple Loosestrife (*Lythrum salicaria*) and Curly-leaf Pondweed (*Potamogeton crispus*).

2.2.3 Unique Features and Scenic Areas

The 2,000-acre Lebanon Hills Regional Park is located within the watershed. This large park offers hiking, mountain biking, camping, horse trails, geocaching, kayaking, cross country skiing, and picnicking, and offers numerous classes and events at its Nature Center. City parks provide access to the watershed's many lakes.

While not located within the E-IGH watershed, Nicols Fen, a rare calcareous fen, is downstream of the watershed on the Minnesota River bluff. Kennealy Creek and Harnack Creek, DNR-designated trout streams, are also downstream of the watershed.

2.3 WATERSHED HUMAN ENVIRONMENT

2.3.1 Current Land Use and Population

The predominant land use in the watershed is single family detached residential which make up 37 percent of the overall area. Parks, recreational, and preserves comprise 14 percent of the overall land area, dominated by the nearly 2,000-acre Lebanon Hills Regional Park. Undeveloped, a category which includes undevelopable wetlands and grasslands in addition to lands that are currently vacant and developable (Table 2.8) comprises 10 percent. Almost the entire watershed (Figure 2.4) is within the existing Metropolitan Urban Service Area (MUSA). The 2020 Census population of the watershed is approximately 71,855 persons.

2.3.2 Future Land Use

Areas of projected urban growth are shown in Figure 2.5. Future land use data was compiled by the Metropolitan Council from cities' most recent Comprehensive Plans, and represents cities' expected 2040 land use. Most of the projected growth is expected to be in the existing developed corridors, with a mix of development at different densities, and to include residential, commercial, and industrial uses.

Table 2.8. 2020 land use in the Eagan-Inver Grove Heights watershed.

Land Use	Area (acres)	%
Single Family Detached	7326.5	37%
Park, Recreational, or Preserve	2794.3	14%
Undeveloped	1892.4	10%
Industrial or Utility	1300.9	7%
Single Family Attached	1154.6	6%
Major Highway	1015.0	5%
Open Water	898.6	5%
Retail and Other Commercial	794.6	4%
Institutional	780.3	4%
Office	545.7	3%
Multifamily	543.6	3%
Mixed Use Industrial	321.7	2%
Agricultural	89.9	<1%
Golf Course	70.3	<1%
Mixed Use Commercial	41.7	<1%
Manufactured Housing Park	14.0	<1%
Mixed Use Residential	10.4	<1%
Farmstead	2.5	<1%
Total	19597.0	

Source: Metropolitan Council from city Comprehensive Plans and aerial photo interpretation.

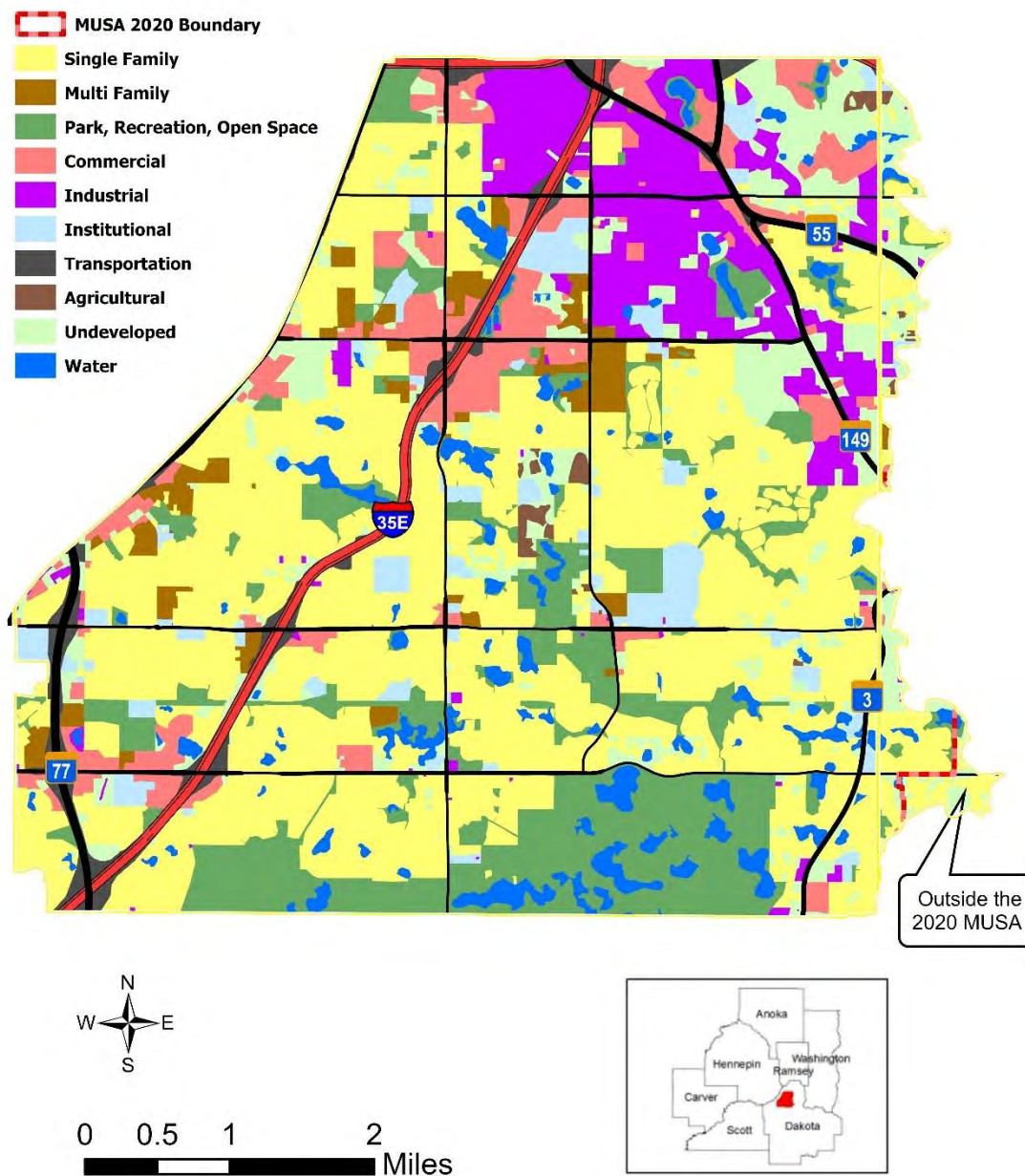


Figure 2.4. 2020 land use in the Eagan-Inver Grove Heights watershed
 Source: Metropolitan Council

Figure 2-4. 2020 land use in the Eagan-Inver Grove Heights watershed.

Source: Metropolitan Council.

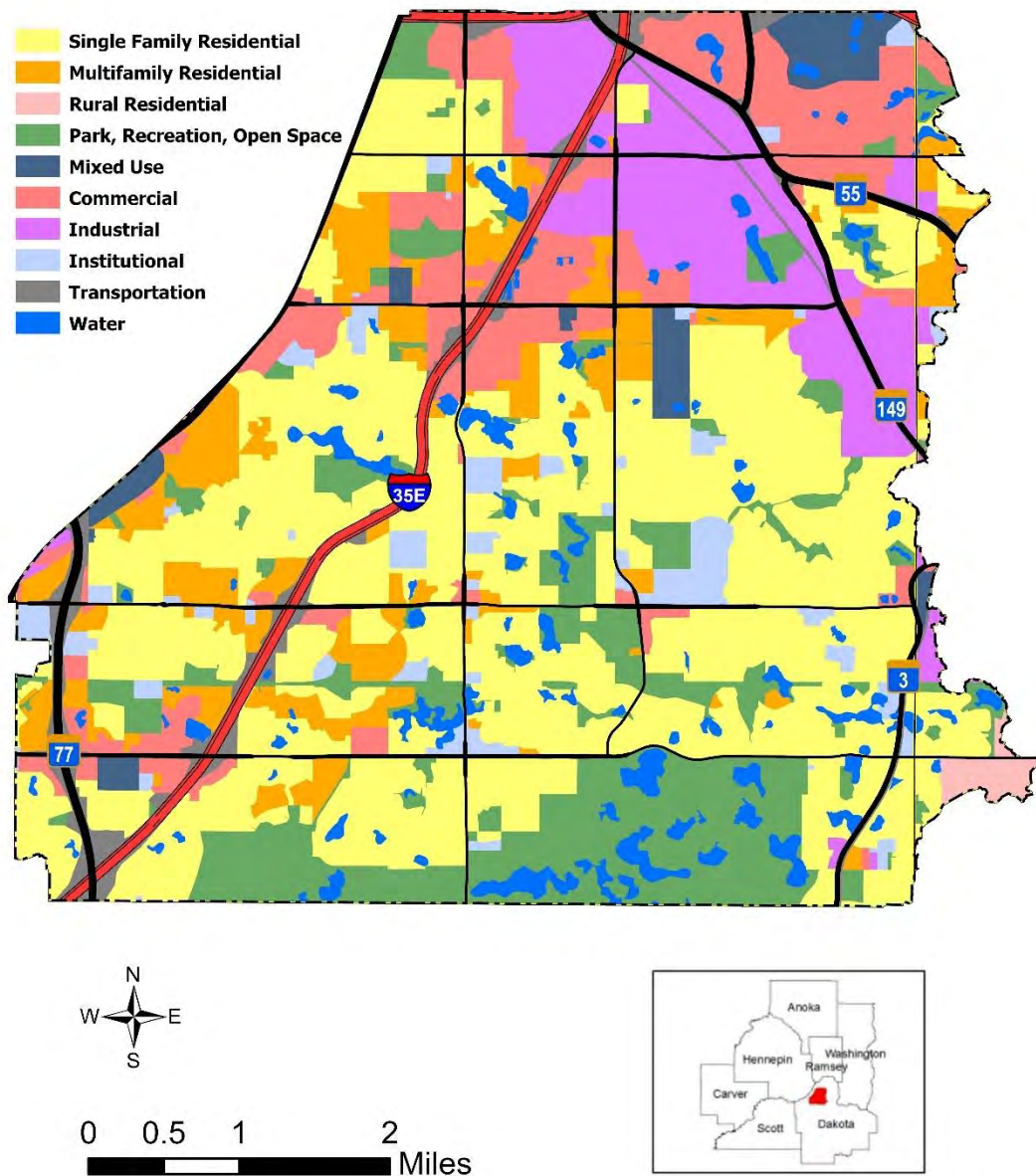


Figure 2.5. 2040 land use in the Egan-Inver Grove Heights watershed
Source: Metropolitan Council

Figure 2-5. Planned 2040 land use in the Egan-Inver Grove Heights watershed.

Source: Metropolitan Council.

2.3.3 Water-Based Recreation

Public parks abut many of the lakes in the watershed (Figure 2.6). The Lebanon Hills Regional Park on the south end of the watershed preserves many lakes and wetlands, with an extensive trail system providing access and viewing. Dakota County Parks maintains a swimming beach on Schulze Lake and a fishing pier on Holland Lake.

The City of Eagan and the DNR maintain shore fishing piers and shore fishing areas on several of the lakes in the watershed. Some of the lakes are canoe-accessible, and there is a public boat ramp on Fish Lake. Eight lakes are part of the DNR's Fishing in the Neighborhood program, which promotes fishing across all age groups by providing access to lakes, fish stocking, and programming in schools and at special events.

2.3.4 Potential Environmental Hazards

Groundwater connections, hazardous waste, leaking above- and below-ground storage tanks, and feedlots can be potential sources of surface and groundwater contamination. The MPCA maintains a current on-line mapping tool called [What's in My Neighborhood](#) (MPCA 2025) with information about air quality, hazardous waste, remediation, solid waste, tanks and leaks, and water quality.

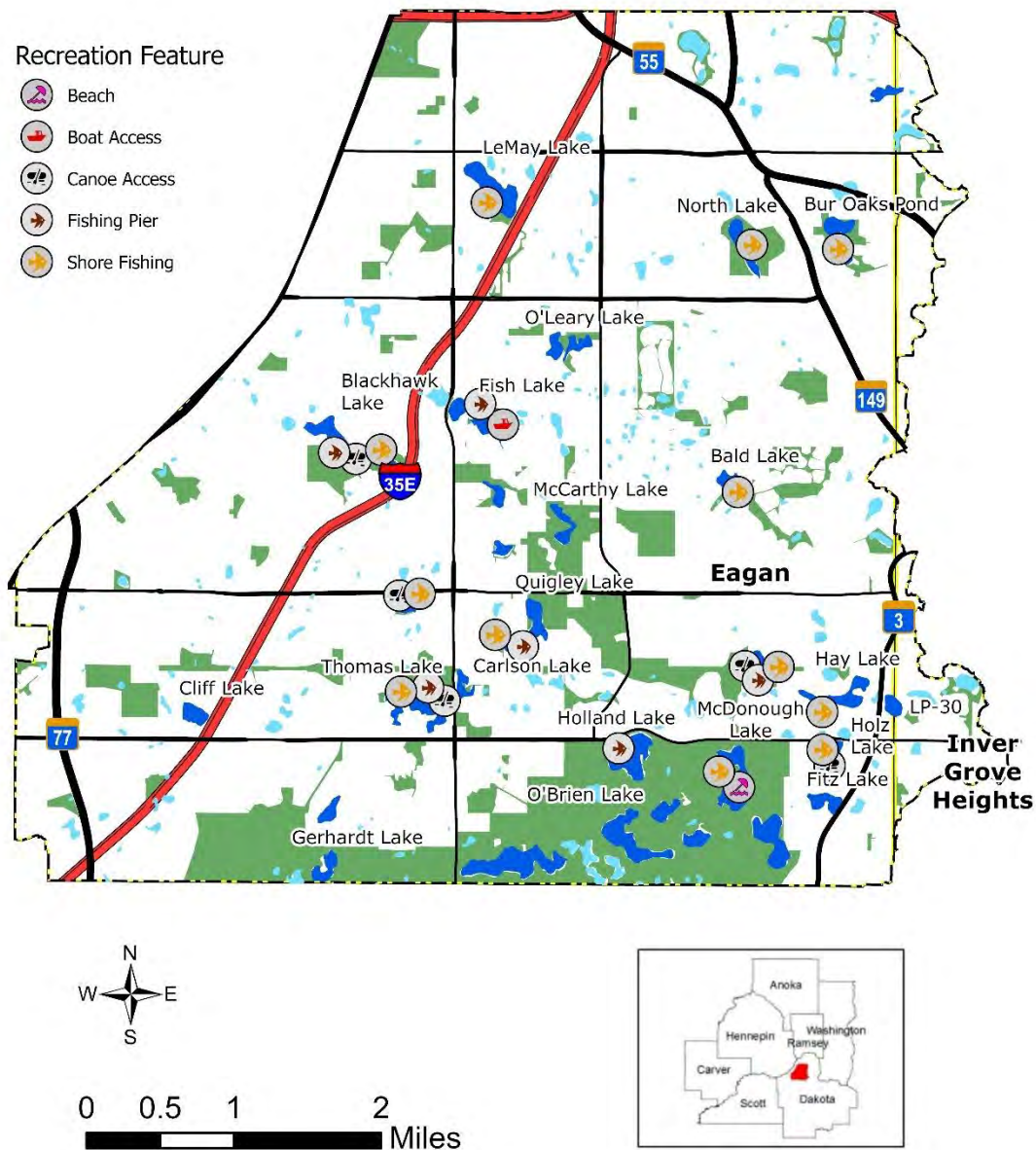


Figure 2.6. Water-based recreation in the Eagan-Inver Grove Heights watershed.
Source: MN DNR, City of Eagan

Figure 2-6. Water-based recreation in the Eagan-Inver Grove Heights watershed, 2025.
Source: Minnesota DNR, City of Eagan.

2.4 WATERSHED WATER RESOURCES

2.4.1 Lakes

The City of Eagan recognizes thirty priority lakes in the City, based on lake size and publicly-owned shoreline. The DNR lake number and shoreland classification, lake morphometry, and water quality data are shown in Table 2.10. The 29 lakes in the watershed are shown on Figure 2.7.

Minnesota's eutrophication standards for lake water quality vary depending on the depth classification of the lake (Table 2.9). Shallow lakes have a maximum depth of 15 feet or less or have 80% or more of the lake area shallow enough to support emergent and submerged rooted aquatic plants. Some of the smallest and shallowest of these lakes may be considered wetlands; those eutrophication standards would not apply to those waterbodies. More information about the lakes can be found online at the [DNR's LakeFinder](#) (MDNR 2025).

Table 2.9. Eutrophication water quality standards for lakes in the watershed.

Parameters	Shallow Lakes	Deep Lakes
Total Phosphorus (TP) (µg/L)	≤60	≤40
Chlorophyll- <i>a</i> (chl- <i>a</i>) (µg/L)	≤20	≤14
Secchi Depth transparency (SD) (meters)	≥1.0	≥1.4

Table 2.10. Characteristics of lakes in the Eagan-Inver Grove Heights watershed (2014-2024).

Lake	City ID#	DNR ID# (prefix 19-)	Surf Area (ac)	Max Depth (ft)	Depth Class	DNR Class	Summer Average		
							TP (µg/L)	Chl-a (µg/L)	SD (m)
Bald	JP-20	0061	10.3	9	Shallow	GD	59	18	1.6
Blackhawk	BP-1	0059	37.7	10	Shallow	RD	27	9	1.7
Bur Oaks	GP-1	0259	10.0	9	Shallow	-	82	13	1.8
Quigley (Carlson)‡	LP-42	0066	12.0	19	Deep	GD	31	25	2.0
Cliff (Pitts)‡	AP-11	0068	11.8	8	Shallow	GD	43	11	1.2
East Thomas	BP-8	0161	8.8	9	Shallow	-	32	12	1.6
Fish	JP-4	0057	28.9	33	Shallow	GD	152	15	2.0
Fitz (Unnamed)‡	LP-26	0077	11.5	9	Shallow	GD	25	21	1.4
Gerhardt	BLP-2	0069	14.9	17	Shallow	NE	-	29	0.9
Hay (Unnamed)‡	LP-31	0062	19.8	9	Shallow	GD	27	9	1.8
Heine Pond (Unnamed)‡	BP-5	0153	7.2	30	Deep	-	11	6	3.2
Holland	LP-38	0665	36.4	75	Shallow	NE	-	4	3.9
Holz	LP-28	0064	9.2	9	Shallow	GD	25	18	1.7
Jensen	LP-12	0071	51.9	6	Shallow	NE	-	12	1.6
LeMay	DP-2	0055	36.5	16	Shallow	GD	47	12	1.8
McCarthy	JP-9	0060	11.3	6	Shallow	RD	189	105	0.9
McDonough	LP-45	0076	16.7	11	Shallow	RD	-	14	2.2
North (Unnamed)‡	EP-2	0136	14.2	11	Shallow	-	51	14	2.2
O'Brien	LP-18	0072	35.1	10	Shallow	NE	-	7	3.5
O'Leary †	DP-7	0056	16.1	5	Shallow	GD	156	40	1.1
Schulze (Schultz)‡	LP-24	0075	11.9	13	Shallow	NE	-	12	2.6
Schwanz	LP-32	0063	11.5	13	Shallow	RD	24	13	2.1
Shanahan	FP-8	0054	13.1	7	Shallow	GD	33	9	1.4
Thomas	BP-7	0067	40.4	7	Shallow	GD	32	16	1.3

Sources: Minnesota DNR, MPCA EDA

† Considered by the MPCA to be wetlands and not subject to Table 2.9 eutrophication standards.

‡ Lake names are as used locally. The DNR lake names are shown in parentheses.

GD= General Development NE = Natural Environment; RD = Recreational Development (Shoreland Management Classification)

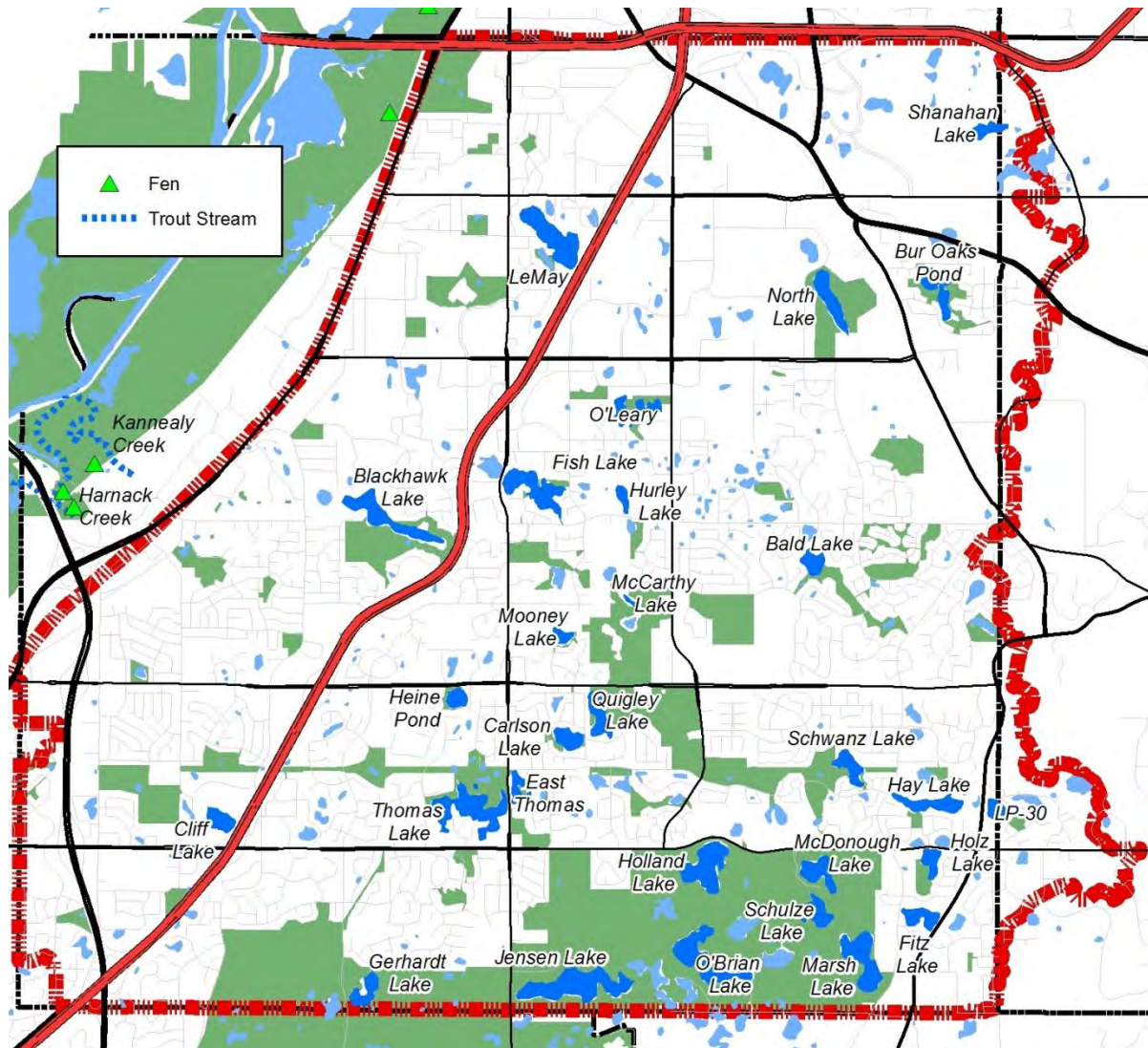


Figure 2-7. Lakes in the Egan-Inver Grove Heights watershed.
Source: Minnesota DNR.

Impaired Lakes. Four of the lakes in the watershed have been designated by the MPCA and EPA as Impaired Waters, and are listed on the state’s 2024 303(d) list: two for not meeting state nutrient concentration standards, and two exceeding mercury in fish tissue standards. Nutrient TMDLs have been completed for the four lakes (Table 2.11) as part of the City of Eagan’s [Neighborhood Lakes TMDL and Management Plans](#) report (Wenck Associates 2015). The MPCA has completed a statewide TMDL for the listed mercury impairments.

The MPCA also has assessed many waterbodies in the state for chloride impairments. The primary source of chloride is salt used on roads and other pavement. The MPCA’s draft Twin Cities Metropolitan Area Chloride Management Plan includes Fish Lake among the lakes characterized as “high risk” for chloride impairment, meaning it is not currently listed as impaired, but past monitoring includes results within 10 percent of the chronic criteria (207 mg/L).

Delisted Lakes. Two of the lakes in the watershed have been delisted, meaning they have been removed from the state’s list of impaired waters (under section 303(d) of the Clean Water Act). Additionally, Carlson and Holz lakes, impaired for nutrients, will be delisted by 2026. To be removed from the state’s list of impaired waters a lake must have water quality data collected over a 10-year period where this data demonstrates compliance with water quality standards consistently. Effective watershed management practices should be implemented to address and reduce the source of the impairment.

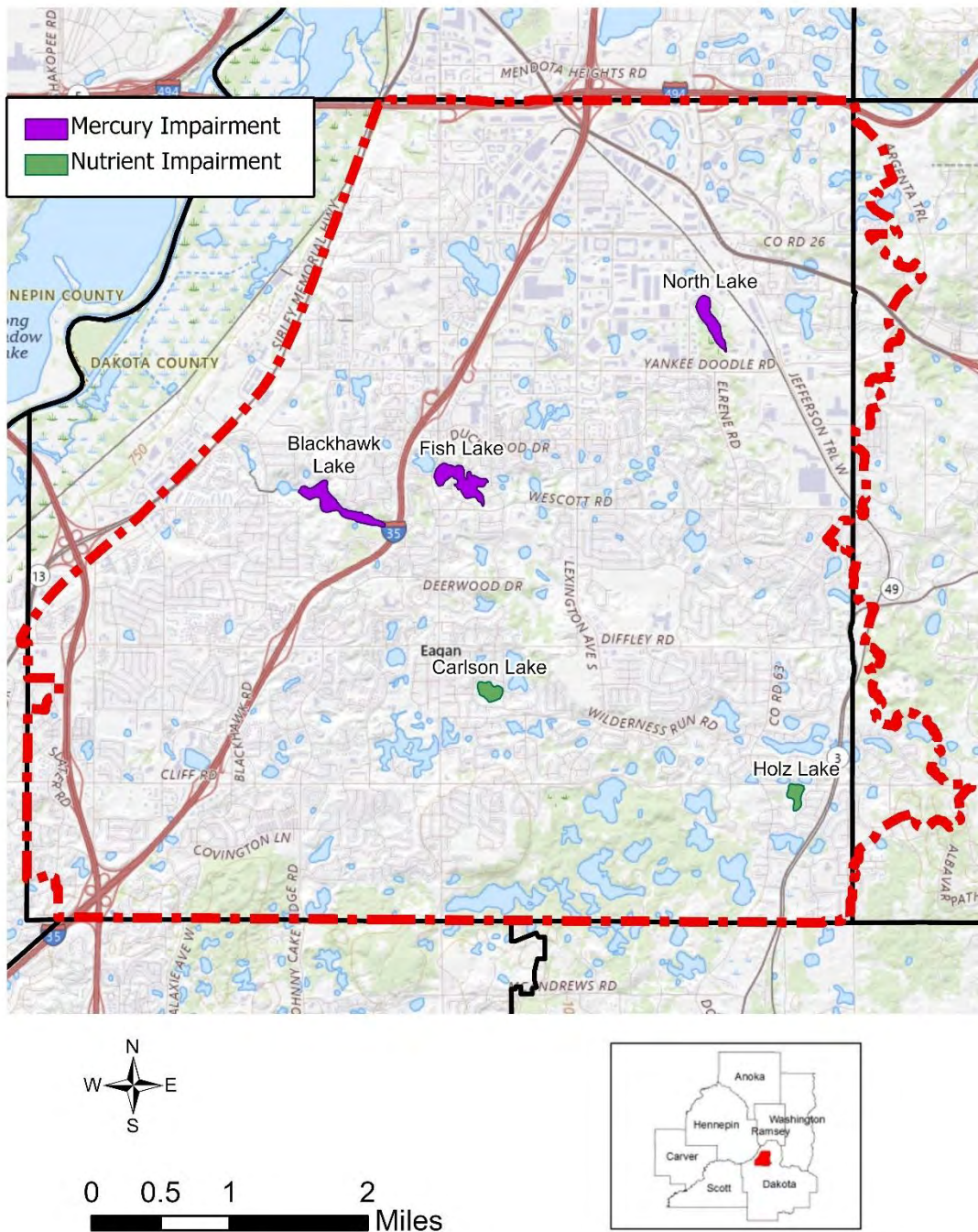


Figure 2.8. Impaired waters in the Eagan-Inver Grove Heights watershed.
Source: Minnesota Pollution Control Agency Draft 2024

Figure 2-8. Impaired waters in the Eagan-Inver Grove Heights watershed. Carlson and Holz Lakes will be delisted by 2026.

Source: Minnesota Pollution Control Agency Draft 2014 303(d) list and Eagan Neighborhood Lakes Study.

Table 2.11. Impaired lakes in the Eagan-Inver Grove Heights watershed.

Lake	DNR Lake #	Affected Use	Pollutant	TMDL Approved
Carlson	19-0066	Aquatic Recreation	Nutrients	2014
Holtz	19-0064	Aquatic Recreation	Nutrients	2014
Fish	19-0057	Aquatic Consumption	Mercury in fish & Nutrients	2010
North	19-0136	Aquatic Consumption	Mercury in fish	2008
Blackhawk	19-0059	Aquatic Consumption	Mercury in fish	2008

Source: Minnesota Pollution Control Agency Draft 2014 303(d) list.

2.4.2 Streams

There are no perennial streams in the Eagan-Inver Grove Heights watershed. Some intermittent or seasonal channels may temporarily convey runoff during snowmelt or high flow events. Kannealy Creek and Harnack Creek, DNR-designated trout streams, lie downstream of the watershed along the Minnesota River bluff (Figure 2.7).

2.4.3 Ditches

There are no regulated ditches in the Eagan-Inver Grove Heights watershed.

2.4.4 Wetlands

The US Fish and Wildlife Service compiled wetland maps from aerial photo interpretation as part of the National Wetland Inventory (NWI). Wetland scientists use two common classification schemes to identify wetland type – the US Fish and Wildlife Service’s “Circular 39” system, and a replacement classification system developed by Cowardin et al. for the Fish and Wildlife Service, commonly referred to as the Cowardin system. The Circular 39 system was originally developed as a means for classifying wetlands for waterfowl habitat purposes. Nine of the Circular 39 freshwater wetland types are found in Minnesota. The Cowardin scheme is a hierarchical classification based on landscape position, substrate, flooding regime, and vegetation. While the Cowardin scheme has been officially adopted by the Fish and Wildlife Service and other agencies, the Circular 39 system is still commonly used because of its simplicity and ease of use. Table 2.12 and Figure 2.9 show the types and areal extent of NWI wetlands in the watershed.

The City of Eagan inventoried wetlands in the community in 2006 and completed functions and values assessments on a select number in areas that were expected to develop in the coming years. Eagan’s [Water Quality and Wetland Management Plan](#) (Bonestroo 2007) includes a classification system and framework for managing wetlands. Section 11.67 of Eagan City Code sets forth regulatory provisions by wetland management classification.

The City of Inver Grove Heights has completed a wetland inventory in its Northwest Area and Southwest Study Area, which includes that part of the City within the E-IGHWMO. Functions and values assessments and a wetland management classification system were developed for the wetlands in the [Northwest Area](#) (Bonestroo 2003). The City is updating Section 9 Chapter 5 of its City Code to revise stormwater and wetland management provisions.

Table 2.12. NWI wetland area by type in the Eagan-Inver Grove Heights watershed.

Circular 39 Type	Acres	Percent
1 - Seasonally Flooded	9.0	<0.1%
2 - Wet Meadow	3.9	<0.1%
3 - Shallow Marsh	401.0	2.0%
4 - Deep Marsh	135.1	0.7%
5 - Shallow Open Water	873.0	4.5%
6 - Shrub Swamp	29.9	0.2%
7 - Wooded Swamp	43.4	0.2%
Upland	18,101.6	92.4%
Grand Total	19,596.9	

Cowardin Type	Acres	Percent
Unconsolidated Bottom (UB)	996.3	5.1%
Emergent (EM)	409.9	2.1%
Forested (FO)	47.3	0.2%
Scrub-shrub (SS)	29.9	0.2%
Aquatic Bed (AB)	11.5	0.1%
Unconsolidated Shore (US)	0.3	<0.1%
Upland	18,101.6	92.4%
Grand Total	19,596.9	

Source: Minnesota DNR, 2013 NWI Update East-Central Minnesota.

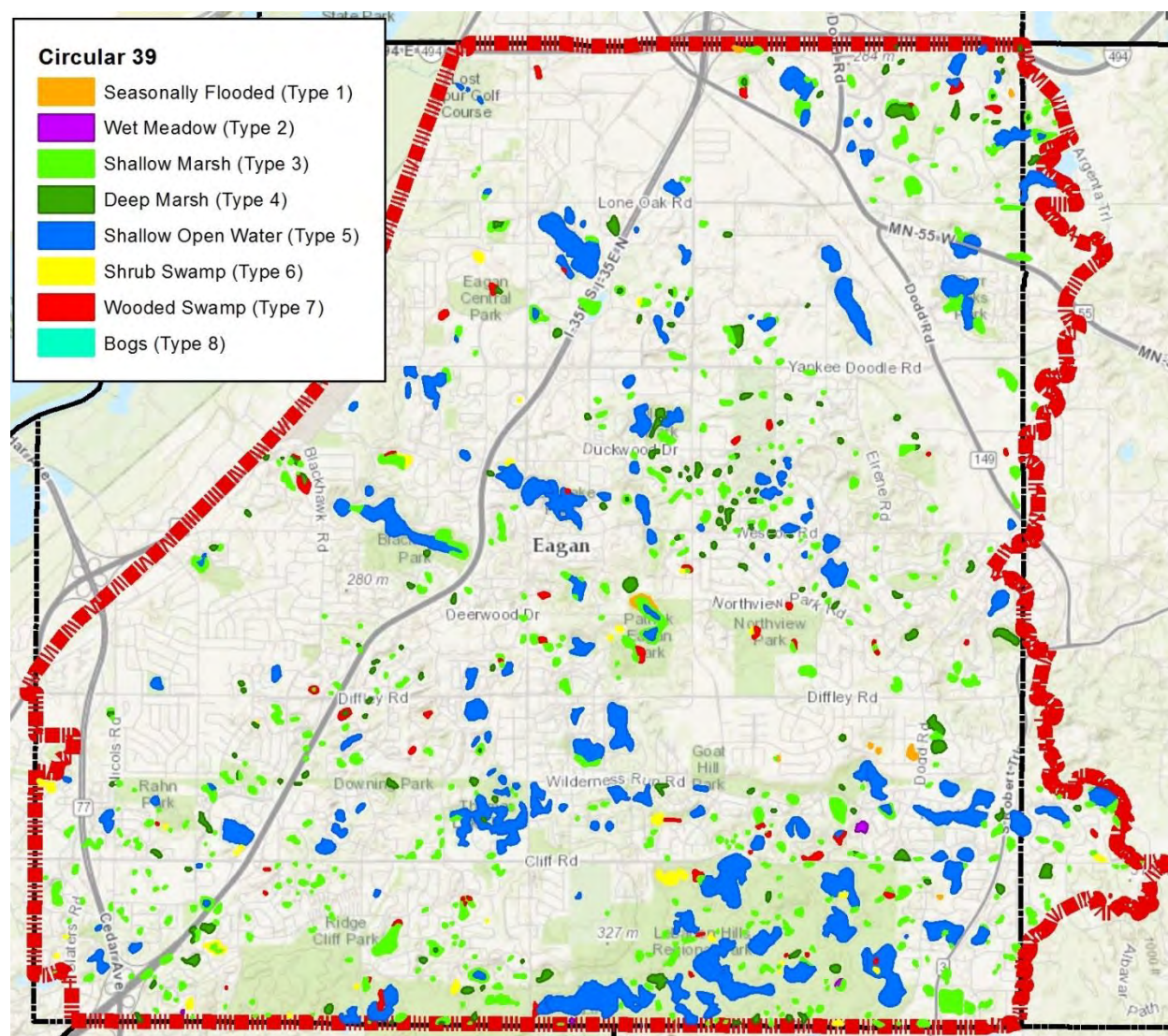


Figure 2-9. National Wetlands Inventory wetlands in the Eagan-Inver Grove Heights watershed.

Source: Minnesota DNR, 2013 NWI Update East-Central Minnesota.

2.4.5 Public Waters

State statutes classify certain waterbodies as Waters of the State and the DNR maintains maps and lists on the Public Waters Inventory (PWI). Public Waters wetlands include all Type 3, Type 4, and Type 5 wetlands (as defined in U.S. Fish and Wildlife Service Circular No. 39, 1971) that are 10 acres or more in size in unincorporated areas or 2.5 acres or more in size in incorporated areas. Public watercourses are defined as natural and altered watercourses with a total drainage area greater than two square miles or natural and altered watercourses designated by the DNR commissioner as trout streams. Work within waterbodies designated on the PWI is regulated by the DNR.

The City of Eagan Water Quality and Wetland Management Plan (Wenck Associates 2018) and Inver Grove Heights 4th Generation Water Resources Management Plan (WSB 2018) provide detailed information on Public Waters within each community, and those data are included here by reference.

2.4.6 Floodplain

Flooding effects may range from personal nuisance to property damage or loss to injury or death. Floodplain areas flood most often and severely. Land use regulations define the floodplain as the area covered by the flood that has a one percent chance of occurring each year, also known as the 100-year flood. The floodplain is divided into two zoning districts: the floodway and flood fringe. The floodway includes the river channel and nearby land areas which must remain open to discharge the 100-year flood. The flood fringe, while in the flood plain, lies outside the floodway. Regulations usually allow development in the flood fringe but require flood-proofing or raising to the legal flood protection elevation and providing compensating storage.

In 1968, Congress created the National Flood Insurance Program (NFIP) to make flood insurance available to property owners at federally subsidized rates. The NFIP required communities to adopt local laws to protect lives and future development from flooding. The Federal Emergency Management Agency (FEMA) first must formally notify a community that it has special flood hazard areas (SFHA) before it can join the NFIP.

FEMA notifies communities by issuing a Flood Hazard Boundary Map (FHBM). This map (Figure 2-10) shows the approximate boundaries of the community's 100-year flood plain. Each participating community has a Flood Insurance Study (FIS). Each of the communities in the Eagan-Inver Grove Heights watershed has a Flood Insurance Study. In both Eagan and Inver Grove Heights, the Special Flood Hazard Areas are limited to the floodplains of the Minnesota and Mississippi Rivers. No Special Flood Areas have been identified within the Eagan-Inver Grove Heights watershed. Both cities maintain floodplain ordinances regulating low floor elevations adjacent to ponds and other bodies of water to limit localized flooding potential. Flood insurance studies and printed panels may be obtained from city or county offices, or FEMA's online [Flood Map Service Center](#).

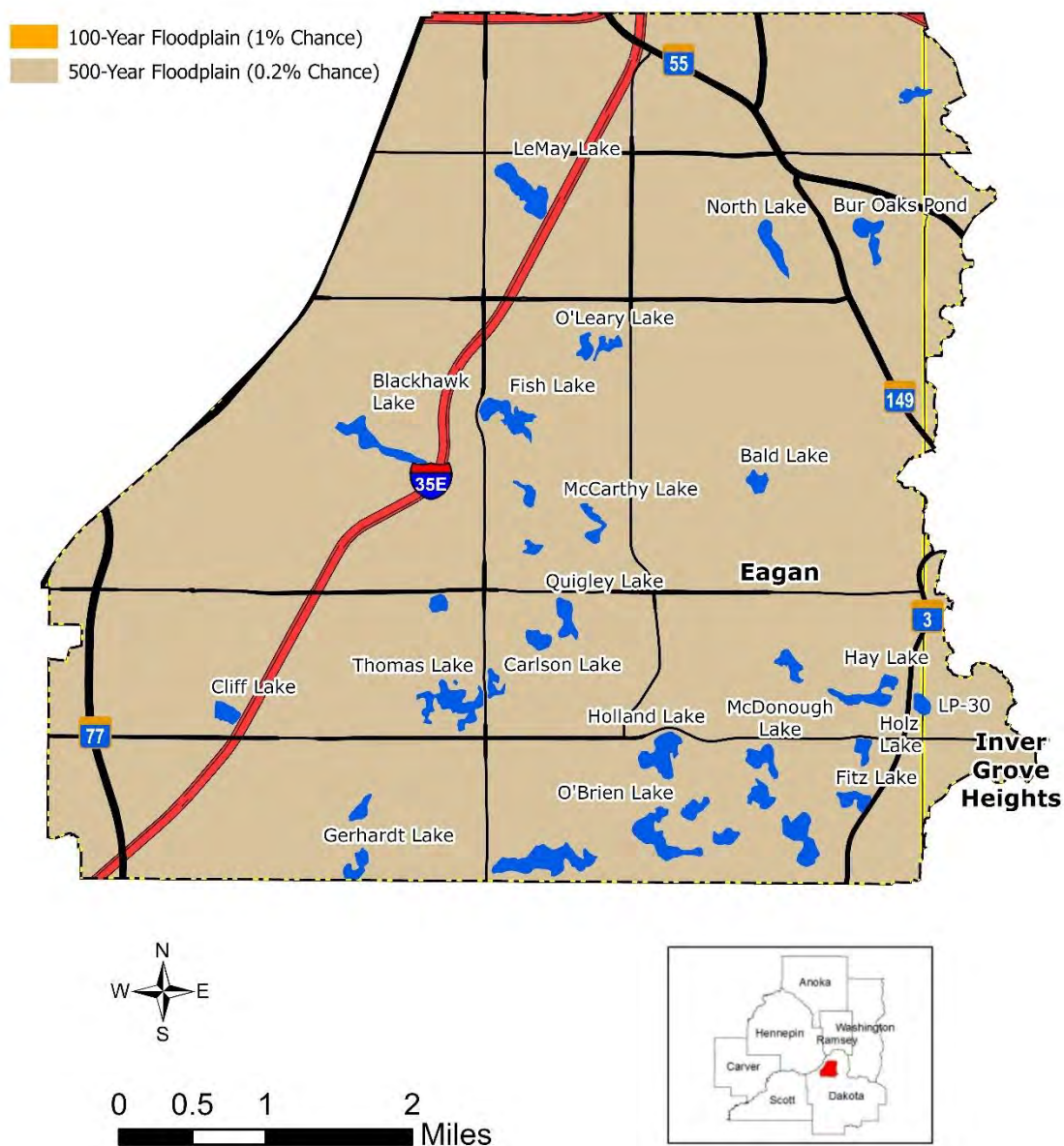


Figure 2-10 Floodplain in the Eagan-Inver Grove Heights watershed

Source: MN DNR

2.4.7 Groundwater

Each city's groundwater resources are described in more detail in their Local Water Plans. The City of [Inver Grove Heights](#) (WSB 2014) obtains its municipal water from the Prairie du Chien-Jordan and the Mt. Simon-Hinckley aquifers. The City of [Eagan](#) (Bonestroo 2005) draws its water from the Jordan, Mt. Simon, and Prairie Du Chien-Jordan aquifers. Both cities also have completed or are in the process of completing Wellhead Protection Studies. These studies model groundwater flow and identify Wellhead Protection Areas that should be managed to reduce the risk of contamination of groundwater. Emergency Response Areas show where immediate action should be taken to clean up spills of contaminants to protect groundwater. More information about these Wellhead Protection Plans can be obtained from the respective city.

4.0 Issues and Goals

This Plan section sets forth the Board’s Mission and Vision and discusses the problems and issues that were identified during the Plan development process and the goals and policies the Board will pursue to address them.

4.1 MISSION AND VISION

The E-IGHWMO is a relatively new joint powers organization, but the member cities are not new to watershed management. The predecessor WMO, the Gun Club Lake WMO, had completed and implemented two ten-year management plans prior to disbanding when one member city withdrew. This WMO is relatively unique in the Metro Area: it is almost entirely comprised of land in one city—Eagan—and encompasses most of that city. It faces some special challenges defining a role for the Board that fulfills its statutory obligations without creating duplication of effort.

The City of Eagan has a long history of active water and natural resources management. That part of the watershed that is in Inver Grove Heights is for the most part managed either according to a master plan (the Northwest Area) with stringent volume management requirements or by an existing cooperative agreement between the two cities. Both the member cities are regulated MS4s and are implementing Stormwater Pollution Prevention Programs that include numerous activities to manage stormwater and prevent water resource degradation. Therefore, most of the issues typically administered by WMOs and set forth in their statutory purpose, such as managing inter-community flows and ensuring uniformity of local policies and official controls, are currently managed by the two cities.

Throughout this planning process, the Board discussed what it does well and their proudest efforts and accomplishments. Using their accomplishments as a guide, the Board developed a vision for roles in watershed management and a mission statement. Below is a list of current successful programs that the Board would like to continue into the 2nd Generation Plan.

The Board is proud of its active and involved managers conducting community outreach and of positive partnerships with the City of Eagan and the City of Inver Grove Heights. Notable accomplishments and effective programs include:

- Community Engagement
 - E-IGHWMO tabling at community events
 - Distribution of salt cups to raise awareness and change behavior around salt use for deicing
 - Distribution of pet waste bags to raise awareness and change behavior around pet waste management
 - Water exhibits at Library and community theater events
 - Traveling displays and engaging activities for City use with hands-on experiential learning tools

- Adopt-a-Drain program
- Newsletter articles
- Website
- Educational Signage at City Hall
- Stormwater Management Practices
 - Landscaping for Clean Water project support
- ▲ Be citizen advocates for the protection and improvement of water resources in the watershed.
- ▲ Provide targeted support as a partner with member cities to implement actions that will achieve the WMO's and member cities' water resource goals.
- ▲ Foster and support collaboration with multiple stakeholders.

MISSION STATEMENT

To implement programs and foster civic engagement within the watershed to promote citizen participation and responsibility in protecting and improving our water resources and to partner with member cities to achieve water resources goals.

4.2 ASSESSMENT OF PROBLEMS AND ISSUES

The Board performed a Visioning and Gaps Analysis in February and March 2025 to identify problems and issues confronting water resources management in the watershed, and to rank those that were of high priority. The Board also took input from the member cities, review agencies, and citizen advisory committees. Table 4.1 shows the problems/issues in three general categories, generally in order of the number of high priority rankings received.

Table 4.1. Current E-IGH watershed issues discussed by the Board.

Item	Problem or Issue	Discussion
<i>Water Quality and Quantity</i>		
A.	There are impaired lakes in the watershed as well as lakes with good water quality. While LeMay, Fitz, and Fish Lakes have been delisted for nutrient impairments (and Carlson and Holz lakes will soon be delisted), North and Blackhawk lakes are impaired for Mercury. Several lakes are at risk for chloride impairment.	Protecting and improving lakes and other resources will require multiple strategies to achieve. Pollutant load and volume reduction projects (ie. Thomas lake nutrient reductions, trash management) need to be supplemented with maintenance practices, regulation, and education and outreach to multiple stakeholders. Maintaining water quality through practices such as LCW maintenance workshops will be a heightened focus as lakes are delisted.
B.	Chloride is a contaminant of concern for surface and groundwater. Several lakes are at risk for chloride impairment in the future.	The current program is successful and there are now others doing similar community engagement and education for chloride awareness. E-IGHWMO efforts could be redirected or expanded to target businesses and churches and address sources in addition to road salt, such as water softeners. The WMO could contribute financially to smart-salt design, subsidize city staff smart salt trainings, or distribute rebates for new water softeners.
C.	Existing shoreline practices don't always reflect current best practices.	Education on shoreline stewardship for shoreline landowners and shoreline users could be expanded to highlight current best practices such as the importance of riparian buffers, reduce the prevalence of turf lawns, and educate about macroinvertebrate aquatic ecosystem health indicators. The E-IGHWMO use of the Landscaping for Clean Water program could be expanded to include more shoreline improvement work in the watershed. E-IGHWMO could install signage at fishing areas highlighting the importance of protecting shoreline vegetation.

Item	Problem or Issue	Discussion
D.	Climate change is altering rainfall and snowfall patterns and snowmelt patterns, affecting deicer usage, lake levels, and flooding concerns requiring updated water resource management and education needs.	As the cities develop climate action plans for infrastructure, the WMO wants to support these initiatives to protect water resources from future impacts. A changing climate also necessitates different expectations for lake levels, water use, deicing practices, and others, so the E-IGH WMO could incorporate these issues into education efforts.
E.	Aquatic invasive species can decrease lake quality and use.	Nuisance aquatic invasive species (AIS) are damaging lake quality in the watershed. E-IGH WMO could educate residents and lake users on reducing the spread of AIS via boat and plantings and could conduct AIS surveys or train volunteers how to survey and manage these volunteers.
<i>Education</i>		
A.	Some groups are not targeted effectively in education and outreach.	E-IGHWMO education and outreach efforts could be refined to better target K-12 education and educators and to communicate effectively with community members whose primary language isn't English. E-IGH WMO could provide educator grants to host a specialist to provide interactive water resource education in local schools or to support water resource-based field trips. Education and outreach could also be expanded or rotated through different venues to engage with the community such as hosting classes through Community Ed or Parks & Rec, partnering with the Climb Theater, and providing events with childcare or food or in easily accessible locations.
B.	Difficult to track how well programs affect behavioral change.	The WMO could find ways to measure the likely impact of its education programs such as number of people contacted.

Item	Problem or Issue	Discussion
<i>Groundwater</i>		
A.	Maintaining an adequate supply of clean, safe, drinkable groundwater is critical to human and environmental health in the watershed.	E-IGH WMO could support cities and residents with irrigation audits to recommend replacement systems. Education and project support programs such as such as water smart yards and Landscaping for Clean Water could include low water use lawns to reduce irrigation and include infiltration practices to recharge groundwater.
<i>Other Issues</i>		
A.	Overlap of local water management planning and watershed and other agency planning.	The E-IGHWMO is a small WMO almost entirely within Eagan and encompassing almost the entire City. Both Eagan and Inver Grove Heights, through their voluntary actions and those required by their NPDES permits, already undertake nearly all the responsibilities of the WMO. The challenge is to support and partner with the cities without replicating what is already being done.

4.3 MANAGEMENT PLAN GOALS AND POLICIES

Based on input and review from the Board and Planning Advisory Committees, the Board of Managers has established the following priorities to guide this Management Plan:

WATERSHED MANAGEMENT PLAN PRIORITIES

- 1. Undertake an active communication and engagement program with multiple stakeholders.*
- 2. Educate the community and provide resources for actions they can take to improve water quality in the watershed.*
- 3. Partner with the cities to fill gaps in water resource assessment and management.*

The Board has developed goals that will guide activities over the coming decade. These goals were derived from the discussions with Managers, Planning Advisory Committee members, state agency staff, and staff at the Cities of Eagan and Inver Grove Heights. These goals will be achieved through implementation of the policies identified for each goal area.

The framework to achieve these goals is set forth in the Implementation Plan detailed in the following sections. Member cities supplement and complement these actions with additional policies and programs tailored to their unique priorities and needs. Successful achievement of the goals in this Plan is dependent on those member cities and their dedication to this effort.

A high-priority goal for the E-IGH WMO is to raise awareness of water resources issues and opportunities, communicate with stakeholders about their potential roles and responsibilities in the management of those resources, and to effect positive change. The Board will develop and implement a three-year Communication and Outreach Plan that sets forth more detailed messages, strategies, and metrics for evaluating and measuring change in attitudes and behaviors. The Board will periodically review its Communication and Outreach Plan and work together with its partners to update priority messages, strategies, and metrics based on current needs.

To meet its broad goal areas in Water Quality and Quantity, Groundwater, and Education, the E-IGH WMO will target public involvement and education on management and protection of water resources. It will develop and disseminate through a variety of media and delivery practices information about water resources, stormwater management, aquatic invasive species, salt use, shoreline protection and other topics developed in a three-year Communication and Outreach Plan.

The WMO publishes an annual report providing an overview of conditions of the waters in the watershed, a summary of E-IGHWMO efforts, and actions stakeholders can take to protect and improve those waters.

E-IGHWMO will partner with entities such as its member cities, Dakota County, Dakota SWCD, nonprofit organizations, Watershed Partners, University Extension, and others to maximize cost-effectiveness, ensure consistency of messaging, and increase audience reach. Finally, it will engage volunteers such as Master Water Stewards, Naturalists, and Gardeners, youth organizations, faith groups, and service clubs to extend the reach of the Board. Finally, it will engage volunteers such as Landscaping for Clean Water residents, youth organizations, K-12 students, Adopt-a-Drain and trash clean-up participants, CLIMB theater, libraries, and Earth Week organizers. Through these methods, the E-IGHWMO will engage with residents to change behavior to better protect water resources and will educate residents to understand the impact of land use and management decisions on water resources.

4.3.1 Water Quantity

A statutory responsibility of watershed management organizations is minimizing the public expense to mitigate flooding. This Plan accomplishes this by ensuring that development and redevelopment do not create excessive new volumes and rates of runoff that may cause downstream flooding. A second responsibility is promoting groundwater recharge, which impacts stream baseflow, wetland hydrology and lake levels. The E-IGHWMO does not operate a regulatory program since both cities implement stormwater management ordinances and MS4 programs, but by policy limits the rate at which member cities can discharge runoff from development and redevelopment. The Board also encourages the member cities, as well as MnDOT and Dakota County, to limit the volume of runoff by requiring and providing infiltration of runoff greater than the requirements of the NPDES Construction Permit, and by undertaking and encouraging voluntary infiltration BMPs. Eagan and Inver Grove Heights have in place a Joint Powers Agreement establishing intercommunity discharge rates.

Goal Area 1: Water Quantity		
#	Goals	Action Items
1.1	Maintain the existing 100-year flood capacity to minimize flood damage to private and public property and minimize public capital expenditures needed to correct flooding problems.	<ul style="list-style-type: none"> A. Leverage grant dollars to partner on two flood capacity projects by member cities. B. Incorporate flood damage messaging into the communication and outreach plan, emphasizing the cost savings of stewardship and runoff volume reduction as opposed to repairing and restoring after damage has occurred.

Goal Area 1: Water Quantity		
#	Goals	Action Items
1.2	Reduce stormwater runoff volume and increase infiltration and groundwater recharge.	<ul style="list-style-type: none"> A. Fund ten stormwater management projects per year through the Landscaping for Clean Water Program. B. Address groundwater recharge through three community outreach events targeted at designing Water Smart Yards and irrigation system improvements, educating the public on water scarcity issues. C. Hold a targeted neighborhood meeting annually to educate and engage citizens in advance of stormwater management improvement projects by member cities. D. Participate in member city processes when cities update land use and stormwater policies and ordinances to promote infiltration and reduce runoff rates and volumes to water resources. Identify areas for E-IGHWMO involvement through education and outreach.
1.3	Facilitate the management of intercommunity stormwater flows.	<ul style="list-style-type: none"> A. If requested, coordinate intercommunity stormwater runoff design and planning with the member communities, similar to the existing agreement between Eagan and Inver Grove Heights.

4.3.2 Water Quality

Water quality and the ability to enjoy the lakes in the watershed is a high priority to the E-IGH WMO. The water quality of many of the lakes in the watershed is within or better than state nutrient standards. Two lakes have been delisted from their designation as Impaired Waters and now meet standards for recreational use, and two other lakes are expected to be delisted by 2026. The City of Eagan has developed a plan of action to protect and maintain water quality in the delisted lakes. To protect and improve water quality in lakes and wetlands in the watershed and to protect downstream water resources, the E-IGHWMO encourages the member cities, as well as MnDOT and Dakota County, to limit pollutant loading to water resources by requiring and providing infiltration or filtration of runoff greater than the requirements of the NPDES Construction Permit, by preventing erosion and sedimentation, and by undertaking and encouraging voluntary infiltration or filtration BMPs.

Goal Area 2: Water Quality		
#	Goals	Action Items
2.1	Achieve, maintain, or improve water quality in the watershed's lakes so that each lake meets or exceeds the State of Minnesota intended use and classification and water quality standards.	<ul style="list-style-type: none">A. Leverage grant funding and cost-share programs to support member cities with implementation of at least three water quality capital improvement projects including in-lake treatments.B. Conduct submerged aquatic vegetation surveys for five key lakes in the watershed aligned to support planned lake studies by the City of Eagan.C. Develop aquatic vegetation and aquatic invasive species training program for community volunteers to spot invasive species and track changes in aquatic vegetation. Engage two volunteers per surveyed lake to conduct annual spot checks for tracking assessments.D. Distribute water quality newsletter each year to the public with annual lake water quality trend analyses, with metrics on water quality goals and information on completed improvement projects.E. Participate in two collaborative efforts to improve water quality, such as the Metropolitan Council Subregional Engagement effort.

Goal Area 2: Water Quality		
#	Goals	Action Items
2.2	Protect water resources from chloride impacts.	<p>A. Provide deicing salt reduction education at two events annually. Outreach may include information on the impact of salt and chloride on water bodies, distribution of salt cups, information on local efforts to reduce deicing salt use, and discussion of ways to minimize the need for deicing salt.</p> <p>B. Promote MPCA Smart Salting Trainings annually each winter for businesses and residents in the watershed through targeted communication with local business owners and property managers and through website postings.</p> <p>C. Provide grant support to 10 local business owners or property managers.</p> <p>D. Provide grants to 10 homeowners to remove or reduce home water softener use.</p>
2.3	Prevent erosion of the soil into surface water systems.	<p>A. Support three erosion control and stabilization projects in partnership cities. Initial site to target is Pony Art Park.</p> <p>B. Promote installation of water quality BMPs, such as bioinfiltration and filtration basins and shoreline and wetland native buffers, by providing information and educational opportunities to property owners and by funding at least ten Landscaping for Clean Water projects per year.</p> <p>C. Promote the Adopt-a-Drain program through four annual volunteer events with Hamline to clean out storm drain collection areas of silt and debris throughout the year.</p>

Goal Area 2: Water Quality		
#	Goals	Action Items
2.4	Protect and enhance fish and wildlife habitat and water recreational facilities.	<ul style="list-style-type: none"> A. Post signage raising awareness of invasive species at five popular recreational waterbodies in the watershed. B. Improve fishing access points (ie. new piers, shore fishing spots) at two waterbodies. C. Partner with DNR and assist in aquatic invasive species education, early detection, and rapid response through three community education program events. D. Conduct at least five shoreline health evaluations for landowners annually or support cities with cost share program. E. Promote shoreline vegetation restoration annually through community outreach and education events. Leverage participation by residents who participate in shoreline restoration programs or highlight their stories on the E-IGH WMO website. F. Host annual public engagement event to educate citizens about healthy lake shorelines, causes of lake algal blooms, aquatic macrophytes and macroinvertebrates that are indicators of aquatic ecosystem health, and other water quality topics.
2.5	Raise public awareness about mercury exposure through fish consumption particularly in mercury-impaired North and Blackhawk lakes.	<ul style="list-style-type: none"> A. Raise public awareness about impaired aquatic consumption to reduce public health risk of contamination through holding two fish consumption mercury-focused events or outreach efforts.

4.3.3 Groundwater

The Board has a limited role in groundwater management activities. Over the past two decades, the member cities have worked with the Minnesota Department of Health to undertake or complete and adopt wellhead protection plans and to implement policies and official controls to protect drinking water sources, and Dakota County has undertaken a number of actions as detailed in its 2020-2030 Groundwater Plan (Dakota County 2021). The E-IGHWMO's role is limited to encouraging groundwater recharge through infiltration in accordance with wellhead protection plans and raising awareness about groundwater and water conservation issues.

Goal Area 3: Groundwater		
#	Goals / Objectives	Action Items / Policies
3.1	Protect the quality and quantity of groundwater resources and promote groundwater recharge.	<ul style="list-style-type: none">A. Fund implementation of five groundwater recharge BMPs, such as infiltration, bioswales, or permeable pavements, in the watershed to infiltrate stormwater runoff and support natural water absorption.B. Incorporate groundwater system and aquifer recharge education into one public education outreach event each year to raise awareness of water conservation and recharge, potentially using an Enviroscope.C. Develop visual display of local groundwater system to promote understanding and share on the E-IGH website.D. Promote water conservation, particularly reducing water use for irrigation, implementing Water Smart Lawns, and incorporating water reuse tactics in priority groundwater recharge areas listed in the Groundwater Protection Plan by distributing educational pamphlets to fifty community members.

4.3.4 Wetlands

The Board's primary tool for managing wetlands is the State of Minnesota's Wetland Conservation Act (WCA). Eagan and Inver Grove Heights are the responsible Local Government Units (LGU) for administration of the Wetland Conservation Act within the watershed. Certain actions affecting a wetland, such as draining or filling through construction or development, may require a permit or some other authorization through WCA and often some other regulatory agency such as the US Army Corps of Engineers or the MNDNR. Applicants will need to show efforts to avoid or minimize wetland impacts and may be required to replace drained or filled wetland area. In addition, BWSR has developed a method to evaluate and quantify how well individual wetlands provide functions such as flood storage or values such as habitat. Those functions and values assessments can be used to classify the quality of wetlands, and the highest quality wetlands may have additional regulatory protections. Both cities have completed inventories or a framework for the completion of wetlands functions and values assessments and have a classification system for those wetlands and official controls to regulate wetland impacts. The E-IGH WMO's role is to educate the public about the functions and values of wetlands and promote their preservation or restoration.

Goal Area 4: Wetlands		
#	Goals / Objectives	Action Items / Policies
4.1	Protect, restore, or enhance wetlands to improve or maintain their functions and values.	A. Incorporate education on the benefits and functions of wetlands at one event annually.



Eagan - Inver Grove Heights

Watershed Management Organization

BOARD AGENDA ITEM REPORT

MEETING DATE:	April 15, 2025
AGENDA ITEM:	5.1
PREPARED BY:	Victoria Ranua, Administrator
AGENDA ITEM:	Budget Adjustment Request – Watershed Plan Update

BACKGROUND:

As the Eagan-Inver Grove Heights Watershed Management Organization (WMO) continues its required 10-year Watershed Plan update, it has become evident that additional resources are needed to ensure a thorough and effective planning process—one that results in a meaningful watershed plan as an end product, not simply one that “checks the boxes.”

Stantec Budget

The WMO contracted with Stantec to prepare the Plan for \$32,759, as they prepared the previous Plan and are also the consulting engineer for the City of Eagan. To date, the amount billed is \$15,537, or 44% of the total contracted amount. However, as the front end of the process, we have identified gaps in the current scope of work that raise concerns about the utility of the final Plan. In response, SWCD staff, in our administrative role for WMO, met with and requested that Stantec submit a proposal for additional support to address these deficiencies. This includes the below items, totaling \$14,970, for additional services:

Proposed Additional Items for Stantec Scope of Work for Plan Update

- One additional meeting with the WMO Board
- One additional meeting with the Technical Advisory Committee
- Two one-hour meetings with City staff
- Development and distribution of a public input survey

These are expected to provide additional public input collection, allow for further City coordination on plan development and additional time to help ensure that the Plan reflects the priorities and goals for meaningful outcomes for both the Cities of Eagan and Inver Grove Heights, its residents and business, and most importantly the water resources we help protect.

SWCD Administrator Budget

The 2025 administrative budget was kept at the same level as in previous years, which did not include work towards the WMO Watershed Management Plan update. Therefore, additional time needed to facilitate the implementation of the Plan update was not fully accounted for and was not tracked under a separate budget category. However, the Plan update has required significant amounts of WMO Administrator time, which for the first quarter of 2025 was included under general administration time in SWCD billing.



Eagan - Inver Grove Heights

Watershed Management Organization

During the first quarter of 2025, the WMO Administrator spent approximately 28 hours on Watershed Plan-related work. This time is currently charged under general administration, which has already used 31% of its annual budget in just one quarter. At the current pace, the SWCD are at risk of exceeding our general administration hours before the end of the year.

To address this, we recommend creating a dedicated budget line item for administrative time related to the Watershed Plan update. Based on current time expenditures and projected needs, there appears to be a need for approximately 60-80 additional hours for the remainder of 2025. Therefore, we are forecasting approximately \$8,000 may be needed for Administrator staff time for the remainder of 2025. This potential SWCD budget increase can be unofficially approved at this time and revisited later in 2025, when the potential need for an amendment to the 2025 SWCD/Eagan-IGH WMO agreement is better known.

Plan Update Budget Amendment Summary

Category	Amount
Stantec- Additional Scope	\$14,970
WMO Administrator	\$8,000
Total Potential Adjustment	\$22,970

We believe this investment will help ensure a more comprehensive, useful, and effective Plan that meets the needs of our member communities and partners.

BUDGET IMPACT: Looking at the 2025 budget, we project that the current budgets will leave the Eagan-IGH WMO with an estimated year-end fund balance of \$71,830.44. The two above amendments will utilize the existing fund balance and leave an approximate year-end fund balance of \$48,860.44.

RECOMMENDED ACTION: Discuss potential increases to Stantec and SWCD Plan Update budgets. Consider approval of budget adjustments for Stantec contract of \$14,970. Consider preliminary approval of adjustments to Administration budget for 2025 and potential future amendment of SWCD/Eagan-IGH WMO agreement and workplan if necessary.

April 10, 2025

Eagan – Inver Grove Heights WMO
c/o: Victoria Ranua, Administrator
Dakota County Soil & Water Conservation District
4100 220th St. West, Suite 102
Farmington, MN 55024

Dear Victoria Ranua,

Reference: Proposal for Watershed Management Plan Update Additional Services

Stantec appreciates the opportunity to work with you and the Board to update the Eagan-Inver Grove Heights WMO Watershed Management Plan. Based on discussions over the past few weeks we understand that you are interested in potentially expanding our scope of work to provide enhanced outreach and engagement with the Board, Technical Advisory Committee, cities, and the public.

1 Additional Meetings

This proposal would supplement our Scope of Work dated November 21, 2024 and approved at the December 3, 2024 Board meeting.

This supplement would add one additional 2-hour meeting with the Board, one additional 1-hour meeting with the Technical Advisory Committee (TAC), and two 1-hour meetings with City staff. This will allow for more time to discuss the proposed goals and policies and the proposed implementation activities to assure they are fully aligned with Board priorities, agency requirements, and member city needs. Input from each meeting will be tabulated for Board review and incorporation into the plan.

2 Additional Stakeholder Input

The Board and staff have requested assistance in developing and implementing a public opinion survey to solicit input and feedback from interested parties and the public. This scope of work includes assistance in developing survey questions using an online survey tool such as Survey Monkey, or other tool of your choice. We will also draft a press release announcing the availability of the survey and its purpose. Staff and the member cities would be responsible for disseminating the press release and posting the survey information on websites and social media. Stantec will assist staff in compiling and interpreting the results of the opinion survey.

3 Timeline and Budget

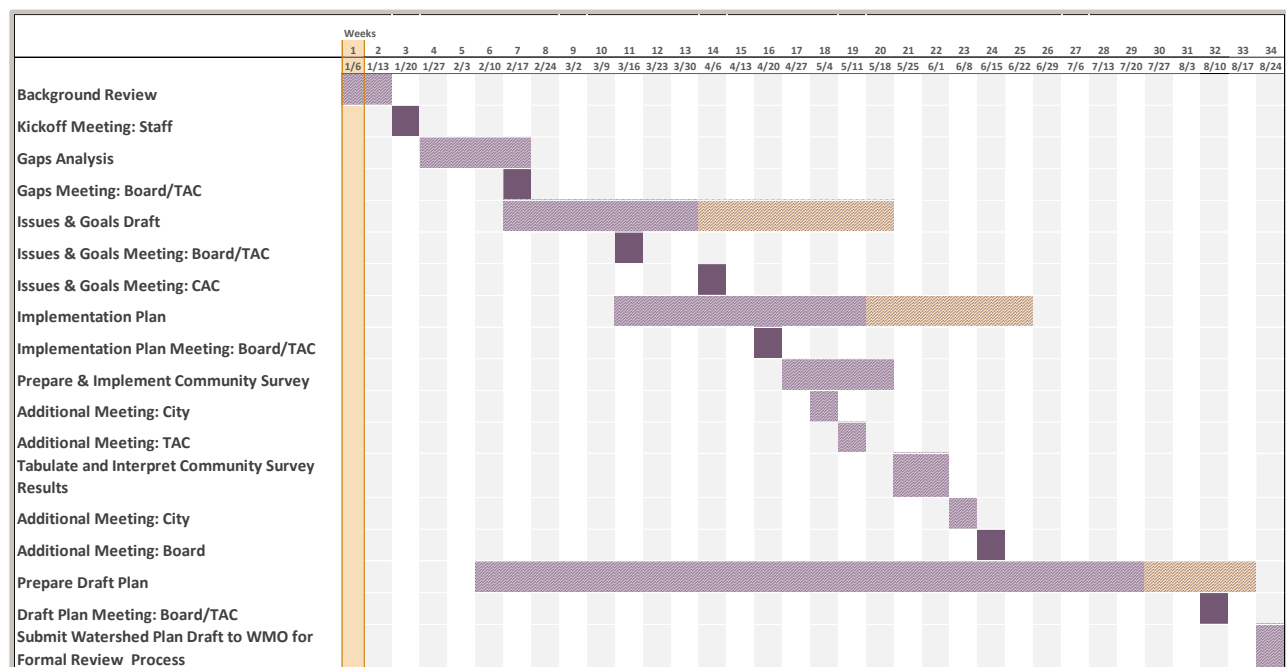
Stantec proposes a budget of \$14,970 for the work described above. A breakdown by task is below.

Task	Hours	Cost
Additional Meetings	48	\$8,883
Additional Stakeholder Input	46	\$6,087
Total	94	\$14,970

Key staff billing rates and estimated hours are outlined below.

Team	Rate	Hours
Diane Spector	\$205	2
Lisa Tilman	\$196	39
Grace Neumiller	\$133	52

A proposed project schedule is shown below. The draft schedule only adds one month to the proposed process, but my need to be extended if meetings cannot be scheduled as shown. A one month extension should not impact the estimated date of completion for the draft plan and the schedule for plan review by the agencies and BWSR, but additional timeline extensions for meeting scheduling or survey timeline may result in the need to request an extension from BWSR.



Please contact us with any questions you have as you review this proposal. We look forward to discussing the proposal with you and the E-IGH WMO Board.

Sincerely,

Stantec Consulting Services Inc.

Diane Spector

Senior Associate, Senior Environmental Planner
Phone: (763) 252-6880
diane.spector@stantec.com

Lisa Tilman PE

Senior Water Resources Engineer
Phone: (763) 252-6832
Mobile: (612) 412-0113
lisa.tilman@stantec.com

Attachment: Resumes, Terms & Conditions

By signing this proposal, _____ authorizes Stantec to proceed
with the services herein described and the Client acknowledges that it has read and agrees to be bound by
the attached Professional Services Terms and Conditions.

This proposal is accepted and agreed on the _____ of _____, _____.
Day Month Year

Per: _____
Client Company Name

Print Name & Title

Signature



Eagan - Inver Grove Heights

Watershed Management Organization

BOARD AGENDA ITEM REPORT

MEETING DATE:	April 16, 2025
AGENDA ITEM:	5.4
PREPARED BY:	Victoria Ranua, Administrator
AGENDA ITEM:	CLIMB Theater, Contract Review & Invoice
GOAL AREA & OBJECTIVE	Education & Outreach

BACKGROUND: In 2023, E-IGHWMO entered into a contract with CLIMB Theater to provide K-2 educational programming related to Wetland and Watershed Stewardship in Eagan Elementary Schools for the 2023-2024 and 2024-2025 school year. This is the final year of the contract.

At the last meeting the board indicated they wanted to review the contract. In that time, we also received an invoice from CLIMB Theater, which was less than the contracted amount. The WMO paid CLIMB theater \$5,000 in February 2024.

BUDGET IMPACT: \$2,000 (if just paying the invoice) or \$5,000 (if following the contract)

ATTACHEMENTS: Climb Theater Contract, Invoice

THIS AGREEMENT is between CLIMB Theatre Inc., a Minnesota not-for-profit corporation organized pursuant to Chapter 317 of the Minnesota Statutes ("CLIMB") and **Eagan-Inver Grove Heights Watershed Management Organization (E-IGHWMO)** ("Partner Organization"). THIS AGREEMENT is entered into and is effective as of the last date in the signature box below.

THE PURPOSE OF THIS AGREEMENT is to set out the terms and conditions whereby CLIMB will provide dramatic and educational programming for the Partner Organization at the times and locations set forth in this Agreement.

The terms and conditions of this Agreement are as follows:

- 1. Programming** – CLIMB shall provide the programs as described in Appendix A, Programming, attached hereto and incorporated by reference. The parties agree that during the term of this Agreement, the terms and conditions of Appendix A may be subject to change. The parties agree that (i) Appendix A may be amended to account for any change, and (ii) email communication will be sufficient to document such mutual agreement to amend Appendix A.
- 2. Payment** - Partner Organization shall pay to CLIMB a total of **\$10,000** according to the Payment Schedule as set forth in Section 2.1. Partner Organization shall mail check to the CLIMB at its offices at 6415 Carmen Avenue E., Inver Grove Heights, MN, 55076, for services rendered.
 - 2.1. Payment Schedule-** Partner organization shall pay CLIMB based on the following schedule:
 - 2.1.1. \$5,000** no later than 30 business days after the 12.1.2023 "Invoicing Date" as set forth in Appendix A.
 - 2.1.2. \$5,000** no later than 30 business days after the 12.1.2024 "Invoicing Date" as set forth in Appendix A.
- 3. Ownership of Performance Rights** - The programming governed by this Agreement is the exclusive property of CLIMB or represent property duly licensed to CLIMB. Partner Organization agrees that it shall not reproduce the programming in any fashion or appropriate the content of the programming, or any portion thereof, for its own use. Further, the Partner Organization shall not photograph, film, videotape, or otherwise record or preserve the program(s), or portion thereof, without written permission from CLIMB. This does not preclude photographs for yearbook or other in-school use of photographs or coverage by local press, which is encouraged. Please notify CLIMB of any media coverage you intend to pursue. CLIMB shall retain all rights to program(s), including the exclusive right to record, photograph, broadcast, film, or publicize CLIMB's program(s) except as may be agreed upon by the parties.

4. Digital Programming.

(a) If CLIMB is offering CLIMB's programming via a digital medium, CLIMB hereby grants to Partner Organization a nonexclusive right and license to access and use the digital programming identified in Appendix A (the "Digital Programming"). The rights in this section shall extend to Authorized Users (as defined below). Except as may be specifically authorized by CLIMB in this Agreement, Partner Organization may not (i) copy or replicate the Digital Programming, (ii) alter, decompile, reverse engineer, disassemble, or create derivative works from the Digital Programming, or (iii) distribute the Digital Programming to any party, except to those users as authorized in Appendix A (each, an "Authorized User"). CLIMB owns all Digital Programming. Partner Organization shall not sell or license any part or portion of the Digital Programming.

(b) Partner Organization agrees that access to the Digital Programming is permitted only to those individuals identified as Authorized Users. Partner Organization shall not permit any individual or entity who is not identified as an Authorized User to access or use the Digital Programming. Partner Organization shall notify CLIMB immediately if Partner Organization becomes aware of any distribution, access or use of the Digital Programming by individual(s) or entity(s) that is not identified as an Authorized User. At CLIMB's discretion, CLIMB may permit access to the individual(s) and/or entity(s), and such access will be subject to an additional charge, as determined by CLIMB. If CLIMB permits access, then the individual(s) and/or entity(s) are considered Authorized Users.

5. Cancellation - In the event that the program(s) is(are) cancelled at the instigation of the Partner Organization, and are not due to a Force Majeure event, with less than four weeks' notice, Partner Organization will be assessed a \$100.00 cancellation fee. Cancellation with less than two week notice, Partner Organization will be assessed a 50% cancellation fee.

6. Force Majeure - As the program(s) governed by this Agreement may be subject to interruption by the sickness, inclement weather, accident, act of God or legitimate unforeseeable circumstance, it is agreed that neither party shall be entitled to damages from the other in the event program(s) are interrupted or cancelled by such circumstances.

7. Rescheduling - In the event that weather or other conditions beyond either party's control force postponement of this program, the activity shall be rescheduled for a date mutually agreed to by both CLIMB and Partner Organization. Changes to the program's scheduled time, date, or content may be requested by the Partner Organization up to one week prior to the performance date listed below. Any change requests made within one week of performance will be accommodated at CLIMB's discretion and availability.

8. Governing Law and Arbitration - This Agreement is to be governed by the laws of the State of Minnesota, and any dispute relating to the interpretation of this Agreement arising from



CLIMB THEATRE PARTNERSHIP AGREEMENT
6415 Carmen Ave E. • Inver Grove Heights • MN • 55076
651-453-9275 • www.climb.org

the terms hereof or performance hereunder by either party will be arbitrated under the auspices of the American Arbitration Association at its Minneapolis, MN office.

9. **Entire Agreement** - This Agreement contains the entire understanding of the parties hereto with respect to the subject forth above, the parties hereto have caused this Agreement to be executed by their duly authorized officers as of the day and year first above written.

Signature:		Signature: <i>Monica Foss</i>	
Name/Title:	Afton Benson/Managing Director	Name/Title:	Monica Foss
Address:	6415 Carmen Ave E. Inver Grove Heights, MN 55076	Address:	3830 Pilot Knob Road, Eagan, MN 55122
e-mail	Afton@climb.org	e-mail	fossme@gmail.com
Date	09/15/2023	Date	12.08.2023



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APPENDIX A

Eagan-Inver Grove Heights Watershed Management Organization (E-IGHWMO)				Program ID	83616
				Invoice ID	
4100 220th St. West, Suite 102 Farmington, MN 55024					
K-2 Wetlands and Watershed Classes					
Main Contact	Secondary/Logistic Contact	Billing/Invoicing Contact			
Name	Gallagher, Ashley	Monica Foss			
E-mail	Ashley.Gallagher@CO.DAKOTA.MN.US	fossme@gmail.com			
Phone	651-480-7781				
Best Time to Contact					

CLIMB Staff Contact Information				
	Community Connections	Logistics/Tech	Programmatic Content/Education	Billing/Invoicing
Name	Michael Terrell Brown	Samson Perry	Caitlin Featherstone	Afton Benson
Title	Community Connections	Production Manager	Director of Education	Managing Director
E-mail	michael@climb.org	samson@climb.org	caitlin@climb.org	afton@climb.org
Phone	651-453-9275 ext 212	(507) 301-7443	(800) 767-9660 ext. 213	(800) 767-9660 ext. 240

PROGRAM INFORMATION

PROGRAM CONTENT SUMMARY

CLIMB Theatre will offer our K-2 classes on Wetland and Watershed Stewardship to 10 Eagan Elementary Schools during the 2023-2024 and 2024-2025 school years 5 schools during each year - working with 1st grade students.

ADDITIONAL NOTES

INVOICING DATE(s):



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First Invoicing Date: 12.1.2023

Second Invoicing Date: 12.1.2024

1. **COVID POLICY as it pertains to any In-Person Programming:** Organizations under agreement with CLIMB Theatre are agreeing to follow all Federal, State, and Local guidance in regards to the ongoing COVID-19 pandemic. Failure to do so will result in CLIMB Theatre terminating the agreement with all agreed upon payments owed and not refunded. CLIMB Theatre will follow all Federal, State, and Local guidance and organizations regulations, in regards to the ongoing COVID-19 pandemic; provided that they exceed regulations set by Federal, State and Local agencies and/or CLIMB Theatre's company policies.
2. **CANCELLATION** – Subject to 2(a) below, if the program(s) is(are) cancelled at the instigation of the Partner Organization, and are not due to a Force Majeure event, with (i.) less than four weeks' notice, Partner Organization will be assessed a \$100.00 cancellation fee. (ii.) For cancellations with less than two week notice, Partner Organization will be assessed a 50% cancellation fee.
 - a. If a program with multiple invoicing dates is cancelled later than the earliest invoicing date, Partner Organization will be responsible for payment of the full remaining balance.

Climb Theatre, Inc.
6415 Carmen Ave E
Inver Grove Heights, MN
55076-4428 US
6514539275
www.climb.org

Invoice

BILL TO
Eagan-Inver Grove Heights Watershed Management Organization

INVOICE #	DATE	TOTAL DUE		TERMS	ENCLOSED
023027	03/21/2025	\$2,000.00		Due on receipt	

DATE	ACTIVITY	QTY	RATE	AMOUNT
03/21/2025	Climb Programming Pilot Knob STEM Magnet School	1	1,000.00	1,000.00
	Climb Programming Glacier Hills Elementary	1	1,000.00	1,000.00

BALANCE DUE

\$2,000.00