



Eagan - Inver Grove Heights

Watershed Management Organization

AGENDA

BOARD OF MANAGERS MEETING

December 8, 2020 at 5:30 P.M.

Virtual Meeting via Zoom or Call-in

<https://dakotacountymn.zoom.us/j/92009164939?pwd=T0hSakdDTm8rQmtjUjFiMktLTzBVUT09>

Phone: 1-646-558-8656

Meeting ID: 920 0916 4939

Passcode: 556470

- I. Call to Order
- II. Approval of Agenda
- III. Public Hearing on Plan Amendment (*Open comment period*)
- IV. Consent Agenda (*Acted with one motion unless a manager requests an item be discussed*)
 - A. Minutes of October 20, 2020 Meeting*
 - B. Invoices for Payment*
 - C. December 8, 2020 Year-to-Date Financial Summary*
- V. Watershed Based Implementation Funding
 - a. Existing FY 2019
 - b. Developing FY 2021
- VI. Watershed Plan Amendments*
- VII. Landscaping for Clean Water 2020 Summary*
- VIII. Meeting Schedule for 2021*
- IX. Website Redesign Update
- X. Minnesota Water Stewards Activity Updates
- XI. Community Updates
- XII. Agenda Items for February 16, 2021 Meeting
- XIII. Adjournment

* Materials included in packet

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

EAGAN-INVER GROVE HEIGHTS WATERSHED MANAGEMENT ORGANIZATION

DRAFT MINUTES BOARD OF MANAGERS MEETING October 20, 2020

The Eagan-Inver Grove Heights Watershed Management Organization (WMO) Board of Managers (Board) met virtually via Zoom due to the State guidance for meetings during the pandemic.

Board Managers Present:

Joe Reymann, Chair	Appointed by City of Eagan
Sarah Saito	Appointed by City of Inver Grove Heights
Jennifer Workman-Jesness	Appointed by City of Eagan
Monica Foss	Appointed by City of Eagan

Others Present:

Ashley Gallagher	Resource Conservationist, Dakota County Soil and Water Conservation District
Steve Dodge	Assistant City Engineer, City of Inver Grove Heights
Eric Macbeth	Water Resources Manager, City of Eagan

I. Call to Order

Chair Reymann called the meeting to order at 5:31 p.m.

II. Adopt Agenda

Motion by Reymann, second by Workman-Jesness to approve the agenda. Motion carried.

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Monica Foss	Yes

III. Approve Consent Agenda

- A. Minutes of August 18, 2020 Meeting
- B. October 20, 2020 Year-to-Date Financial Summary

Motion by Reymann, second by Foss to approve the consent agenda. Motion carried.

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Monica Foss	Yes

IV. Watershed Based Implementation Funding

The group for the Metro Lower MN River South continues to meet. They have developed ranking criteria. The next step is for projects to be submitted and ranked by entities. This topic ties into the Watershed Plan Amendment topic because projects are only eligible for the metro WBIF if they are referenced in the

Implementation Section of the Plan. Administrator would like to submit an education project to the Metro Lower MN WBIF, however if the Implementation Plan reference is not there, it would not move forward.

Melissa King, Board Conservationist from the Board of Water and Soil Resources presented on the WBIF policy and what a minor Plan amendment would involve. It was noted that the Education and Outreach Plan the E-IGHWMO does every three years in accordance with the Plan is considered part of the Implementation section of the Plan.

V. Watershed Plan Amendments

There was discussion on whether to proceed with a minor plan amendment or not. Process is fairly simple and making changes now would put the E-IGHWMO in a better place for future WBIF. Eagan's CIP was reviewed, it is anticipated that projects would be lumped by type. Releasing for 30-day comment period now would allow for the Board to then adopt the changed Plan at the December meeting.

Motion by Saito, second by Reymann to proceed with a minor Plan amendment by adding CIP to the Implementation section and releasing for the 30-day comment period. Motion carried.

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Monica Foss	Yes

VI. Workplan with SWCD for 2021

Workplan is very similar to last year. There is no increase in rates or hours. Money was shifted for the website redesign costs, which was previously approved by the Board. Upon approval by the E-IGHWMO Board, workplan will go to the SWCD Board and then a Joint Powers Agreement will be prepared.

Motion by Workman-Jesness, second by Foss to approve the 2021 workplan with the SWCD and authorize the chair to sign the Joint Powers Agreement. Motion carried.

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Monica Foss	Yes

VII. Volunteer Clean-up Ideas

Discussion from last meeting continued. Would like to find motivated individuals that would take on crafting and sending out a local lake electronic newsletter. Eagan had planned to have virtual meetings hosted by contractor in conjunction with aluminum sulfate treatment lakes. Timelines of contract did not work out; postcard was sent to residents, but no virtual meetings were held. Continue to think about opportunities and ways to do a volunteer clean-up in 2021.

VIII. Landscaping for Clean Water Update

Season is wrapping up; it is anticipated that E-IGHWMO will have 8 completed projects. Next year will likely have a virtual format as well. Thankful that we've been able to continue the program in light of covid19.

IX. Website Redesign Update

Templates are being developed for the SWCD and the WMOs. The web designer would like to secure domain addresses for the WMOs. Format proposed for E-IGHWMO that matches the others is www.eagan-invergroveheightswmo.org. There were no objections to the proposed domain address. Gallagher will direct the web designer to secure the domain address.

X. Minnesota Water Stewards Activity Updates

Freshwater has changed the program name. The word 'Master' has been replaced with 'Minnesota'. Reymann completed online lawn care courses. Foss planted a bee friendly lawn using two different methods. She will report back on how the clean slate planting versus the interseeded planting take hold in the spring.

XI. Community Updates

City of Eagan has 3 applicants for the next MWS season. Work continues on the aluminum sulfate treatment building and pre-treatment water sampling will be added. Salt storage ordinance is being revised. City may wait to finalize until their new MS4 permit. The water quality monitoring season has wrapped up, aeration will be starting. The contractor completed 4 aluminum sulfate applications in a little over a week. City is contracting with Barr Engineering for development of interpretative signage at City Hall and Cascade Bay for the new stormwater practices installed.

Inver Grove Heights has installed hydro-dynamic separators during a road reconstruction project. These structures help capture sediment and debris and keep nearby waters cleaner. The hydro-dynamic separators are then periodically cleaned out. City is installing raingardens in conjunction with a road resurfacing project. Looking at Psig funding for future projects in the Mississippi River Watershed. Terms and appointments for E-IGHWMO managers representing IGH will be up to date, Lencowski's term is finalized, Saito has re-applied and application will go to November City Council meeting.

XII. Agenda Items for Next Meeting

- Volunteer ideas
- Plan amendment
- Website
- WBIF

XIII. Adjournment

Motion by Workman-Jesness, second by Saito to adjourn the meeting. Meeting adjourned at 6:30 pm.

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Monica Foss	Yes



**Dakota County Soil & Water
Conservation District**

**4100 220th Street West, Ste 102
Farmington, MN 55024**

Invoice

DATE	INVOICE #
10/19/2020	3029

BILL TO

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

Reference

TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
	July - September 2020			
E-IGH WMO	ADMINISTRATION: General Administration, Financial Tasks, Board Meeting Coordination (Aug, Oct Planning). Campaign Finance Board List, Board Terms, Adjacent Communication Comprehensive Plan. Lower MN 1W1P and WBIF Participation. Plan Amendment Discussions. Website Re-Design Coordination. Watershed Based Implementation Funding Coordination and Summary Generated.	31.5	80.00	2,520.00
E-IGH WMO	Paper, Printing, Postage.		50.00	50.00
E-IGH WMO	GENERAL CORRESPONDENCE: Lower Minnesota 1W1P Participation Calls, Preparation and Follow-up.	10.5	80.00	840.00
E-IGH WMO	EDUCATION AND OUTREACH ASSISTANCE: Website Updates and Maintenance.	2	80.00	160.00
E-IGH WMO	Website Hosting Fee (Quarterly).		50.00	50.00
E-IGH WMO	TECHNICAL ASSISTANCE/LANDSCAPING FOR CLEAN WATER: Landscaping for Clean Water Grants Blurton, Glass, Smit, Tunseth	4	250.00	1,000.00
E-IGH WMO	Landscaping for Clean Water Grants Technical Assistance Virtual Blurton, Glass, Smit, Tunseth	4	500.00	2,000.00
			Total	\$6,620.00

E-IGHWMO 2020		Actual Revenues						
ESTIMATED REVENUES	Budget	Jan 1 - Feb 4 2020	Feb 5 - Apr 21 2020	Apr 22 - Jun 16 2020	Jun 17 - Aug 18 2020	Aug 19 - Oct 20 2020	Oct 21 - Dec 8 2020	Year-to-Date Totals
Member City Assessments								
Eagan	\$44,340.00		\$44,339.71					\$44,339.71
Inver Grove Heights	\$1,285.00		\$1,285.29					\$1,285.29
Watershed Based Funding Grant								
50% initial amount	\$62,080.00							\$0.00
40% upon expenditure of initial	\$49,664.00							\$0.00
10% upon grant completion	\$12,416.00							\$0.00
Other	\$0.00							\$0.00
Use of Fund Balance	\$7,975.00							\$0.00
TOTAL	\$177,760.00	\$0.00	\$45,625.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45,625.00
ESTIMATED EXPENSES	Budget							
Work Program								
A. File Annual Activity Report, Finance Report and Audit	\$4,500.00				\$3,200.00			\$3,200.00
B. Publish/Distribute Annual Newsletter or Communication	\$300.00							\$0.00
C. Maintain Web Site	\$1,000.00	\$220.00	\$690.00		\$290.00		\$210.00	\$1,410.00
D. Board Education	\$500.00							\$0.00
E. Implement Watershed Plan								
1. Support Existing Programs	\$18,800.00	\$7,500.00			\$4,800.00		\$3,000.00	\$15,300.00
2. WMO Education and Outreach Programs	\$3,000.00		\$119.00					\$119.00
Organizational Administration								
Staff Services (general)	\$20,000.00	\$4,809.25	\$3,890.00		\$3,250.00		\$3,410.00	\$15,359.25
Engineering and Consulting Services (general)	\$4,000.00							\$0.00
Legal Consulting Services (general)	\$500.00							\$0.00
Watershed Based Funding Grant								
Administration	\$6,208.00	\$62.65	\$721.73					\$784.38
Projects	\$117,952.00	\$44,598.00						\$44,598.00
Watershed Plan Reserve	\$1,000.00							\$0.00
TOTAL	\$177,760.00	\$57,189.90	\$5,420.73	\$0.00	\$11,540.00	\$0.00	\$6,620.00	\$80,770.63
Balance	\$150,349.88¹	\$93,159.98	\$133,364.25	\$133,364.25	\$121,824.25	\$121,824.25	\$115,204.25	-\$35,145.63
1 = 2019 Balance Carry Over								

- ❖ Publish two articles in the member city newsletters explaining what a watershed is and what a WMO is and what it does.
- ❖ Sponsor a Landscaping for Water Quality workshop through Dakota County SWCD.

5.1.4 Capital Improvement Projects

The JPA allows the Board to acquire, operate, construct, and maintain capital improvements included in the Capital Improvement Program (CIP) of its Management Plan. Member cities construct Best Management Practices (BMPs), either as stand-alone capital improvement projects or incorporated into street, highway, and other public improvement projects. Table 5.1 shows the expected costs and funding sources for implementing this Plan, including a Capital Improvement Program (CIP) of capital projects the cities plan to undertake.

The City of Eagan has identified a number of potential projects through its Neighborhood Lakes TMDL and Management Plans and its routine inspection and maintenance program. These include:

▲ *Lake Protection Actions.* These projects are intended to protect existing water quality in lakes by undertaking stormwater pond enhancements such as expansions or retrofits with [Minnesota Firon-enhanced sand](#) filters to maximize stormwater treatment. This may also include actions such as alum ~~applications~~ [treatments](#) on lakes where there is no current nutrient TMDL. Lakes that would be targeted for these actions include: North, Blackhawk, Cliff, Bur Oaks, Thomas, [Heine Pond, Hay Lake, Almquist Lake](#) and Bald Lakes. Some proposed projects include:

- ❖ [Almquist Lake: Alum application](#)
- ❖ Bald Lake: Ponds JP-20.1, JP-20.2, and JP-20.5 improvements [and Alum application](#)
- ❖ Blackhawk Lake: Wetland JP-5 Bypass [and Blackhawk Lake Alum application](#)
- ❖ Bur Oaks Lake: Pond GP-1.2 Improvements [and Alum application](#)
- ❖ Cliff Lake: Pond AP-42 improvements and Cliff Lake alum [application](#)~~treatment~~
- ❖ [Heine Pond: Alum application](#)
- ❖ [Hay Lake: Alum application](#)
- ❖ North Lake: Pond EP-2.01 Improvements [and Alum application](#)
- ❖ Thomas Lake: Ponds BLP-6, BLP-57 Improvements [and Alum application](#)

▲ *Lake TMDLs Load Reduction Projects.* These projects are [intended to improve water quality in lakes the MPCA has listed as impaired for not meeting state nutrient concentration standards \(see Table 2.11\). Such projects are](#) typically pond cleanouts, expansions, and retrofits to increase stormwater treatment and maximize removal efficiency. The category also includes lake internal load reduction actions such as alum treatments. Lakes that would be targeted for these actions include: Fish, Fitz, LeMay, Carlson, and Holz Lakes. Some proposed projects include:

- ❖ Carlson Lake: Wetlands LP-41 and LP-44 Alum [applications](#)~~Treatments~~; Pond LP-42 Improvements; Carlson Lake Alum [application](#)~~treatment~~
- ❖ Fish Lake: Pond JP-47.2 Sediment Removal; [Protection project and Alum application](#)
- ❖ Fitz Lake: Fitz Lake Alum [application](#)~~treatment~~; Ponds LP-26.3, LP-26.4, and LP-26.5 Improvements; Wetland LP-27 Improvements [and water quality improvement project](#)

- ❖ Holz Lake: Holz Lake Alum [application-treatment](#)
- ❖ LeMay Lake: Ponds DP-4A, DP-4B, DP-26, DP-27 Improvements; Wetland DP-3 Improvements; LeMay Lake [water quality](#) improvement [projects](#)

More detail on these projects can be found in the [Fish Lake TMDL \(Bonestroo 2010\)](#) and [Neighborhood Lakes TMDL \(Wenck Associates 2015\)](#).

▲ *MS4 Maintenance Requirements.* As-a-regulated MS4 [cities](#), Eagan ~~is-and~~ [Inver Grove Heights](#) [are](#) required to undertake periodic maintenance of ~~its~~ BMPs and conveyances. These are typically pond sediment removal projects. However, the City [of Eagan](#) does annually provide financial incentives to private property owners for the installation of BMPs, and that program is included in this category, ~~as-is periodic replacement of street sweeping and other maintenance equipment.~~ [General maintenance activities are left to the individual member cities.](#)

~~The City of Eagan has not developed a water resources CIP for the period 2021-2025.~~ Cities ~~do~~ review and revise their CIPs annually, as resources fluctuate, more information is available, or as opportunities arise. As part of its annual budget process, the E-IGHWMO will request updated CIPs from the member cities and adjust the Implementation Plan and CIP as necessary in accordance with the Plan Amendment process detailed in Section 4.6, Amendments to the Plan.

5.1.5 Implementation Plan Cost and Funding

The estimated cost of implementing this Plan is set forth in Table 5.1 below. The 2016 and future budgets include a lump sum amount for “Communication and Outreach.” Each year during its annual budget process for the coming year, the Board will review its education and outreach programming and develop a more detailed spending plan and areas and messages of focus based on the stakeholder goals and implementation strategies laid out in the Communication and Outreach Program.

The primary source of funding will be assessments from the member cities. The Board may apply for grants to fund special projects or to supplement member cities’ projects or programs.

5.1.6 Coordination with Other Agencies

The E-IGHWMO is unlike most other WMOs in the Twin Cities Metro Area. The watershed lies almost entirely in one city, and comprises almost that entire city. A typical Metro area WMO encompasses several cities, and drainage boundaries do not coincide with municipal boundaries. Therefore, the need for many of the ‘traditional’ WMO functions of coordinating management and regulatory policies, stormwater runoff rates, volumes, and water quality between cities is very limited. However, those statutory purposes still must be addressed, whether by the WMO or by the cities or other agencies.

MS 103B.201, which is reproduced in Section 1.0 of this Plan, sets forth the purpose of water management planning in the Metro area. Table 5.2 below shows both the areas set forth in MS 103B.201 as well as other important water management issues and how those responsibilities are being addressed by this Plan’s goals, policies, and programs, and those of the member cities and other partners.

Table 5.1. Eagan-Inver Grove Heights Watershed Management Plan Implementation Plan.

	Goal/Policy	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Expenses:											
OPERATING EXPENSES											
Work Program											
Regulatory Program (completed by the cities)	A(a), A(b), A(c), B(a), B(b), B(c), B(d), C(a),D(b)	0	0	0	0	0	0	0	0	0	0
Monitoring Program (completed by the cities)	B(d), D(a)	0	0	0	0	0	0	0	0	0	0
Communication and Outreach Program	A(d), B(e), B(f), C(d), E(a), E(b), E(c), E(d)										
Newsletter or Communication		300	300	300	300	300	300	300	300	300	300
Develop/Maintain Web Site		1,600	1,600	1,600	1,650	1,650	1,700	1,700	1,750	1,750	1,800
Communication and Outreach		4,500	4,500	6,000	6,000	7,500	7,500	9,000	9,000	9,500	9,500
Landscaping for Water Quality Workshops		4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Landscaping for Water Quality Cost Share		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Administrative											
Staff services (general)		19,000	19,000	19,500	19,500	20,000	20,000	20,500	20,500	21,000	21,000
Annual report, financial report, and audit		5,000	5,000	5,200	5,200	5,400	5,400	5,600	5,600	5,800	5,800
Engineering consulting services (general)		5,000	5,000	5,000	5,500	5,500	5,500	6,000	6,000	6,000	6,500
Legal consulting services (general)		500	500	500	500	500	500	500	500	500	500
TOTAL OPERATING EXPENSE		\$46,400	\$46,400	\$48,600	\$49,150	\$51,350	\$51,400	\$54,100	\$54,150	\$55,350	\$55,900
Revenues:											
Member Dues		\$38,400	\$46,375	\$48,575	\$49,125	\$51,325	51,375	54,075	54,125	55,325	55,875
Eagan		37,317	45,067	47,205	47,740	49,877	49,926	52,550	52,599	53,765	54,299
Inver Grove Heights		1,083	1,308	1,370	1,385	1,448	1,449	1,525	1,526	1,560	1,576
Interest & Dividends		25	25	25	25	25	25	25	25	25	25
(To) from Reserve		7,975	-	-	-	-	-	-	-	-	-
TOTAL OPERATING REVENUE		\$46,400	\$46,400	\$48,600	\$49,150	\$51,350	\$51,400	\$54,100	\$ 54,150	\$ 55,350	\$55,900
Capital Improvement Program:											
Eagan:											
Lake Protection Actions	A(d), B(a), B(e), E(a), E(c), E(d)	\$515,000	\$1,210,000	\$250,000	\$120,000	75,000	\$0	\$43,000	\$122,000	\$61,500	\$194,000
Lake TMDLs Load Reduction Projects	A(d), B(a), B(e), E(a), E(c), E(d)	-	682,000	1,864,000	2,234,200	3,205,000	208,000	650,000	93,000	16,000	108,000
MS4 Maintenance Requirements	B(a)	407,500	172,500	1,089,500	506,500	242,500	62,500	62,500	62,500	62,500	62,500
TOTAL CAPITAL EXPENSE		\$407,500	\$2,064,500	\$3,203,500	\$2,860,700	\$3,522,500	\$270,500	\$855,500	\$277,500	\$140,000	\$364,500

Note: Capital projects are funded 100% by the member cities, supplemented by grants or other sources when available.

N/A: The City of Eagan has not developed a CIP for the period 2021-2025.

Effective Date: XX-XX-XXXX

2020 LANDSCAPING FOR CLEAN WATER PROGRAM SUMMARY

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT

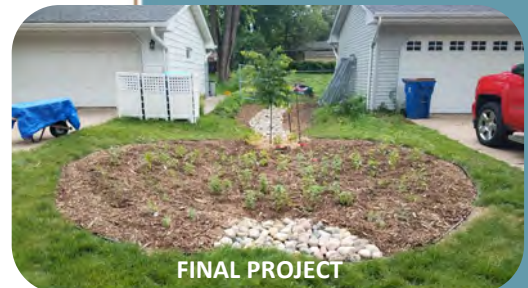
**ENGAGING LANDOWNERS
TO PROVIDE THEM THE SKILLS
AND RESOURCES NEEDED TO
IMPROVE WATER QUALITY
IN THEIR COMMUNITIES.**

LANDSCAPING FOR CLEAN WATER



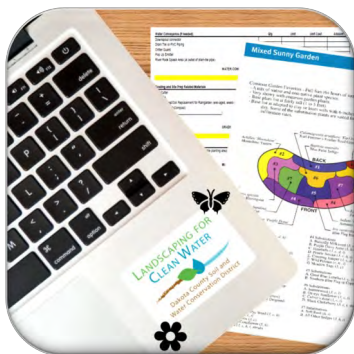
“Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it is the only thing that ever has.”

—Margaret Mead



2020 BY THE NUMBERS

- 3 GRANT ROUNDS
- 4 IN-PERSON INTRODUCTION AND MAINTENANCE CLASSES
- 490 INDIVIDUALS PARTICIPATED IN INTRODUCTION CLASSES (IN-PERSON AND VIRTUAL)
- 105 INDIVIDUALS PARTICIPATED IN MAINTENANCE WORKSHOPS (IN-PERSON AND VIRTUAL)
- 147 PROJECTS DESIGNED AS PART OF VIRTUAL DESIGN WORKSHOPS
- 51 RAINGARDENS & NATIVE GARDENS & SHORELINES INSTALLED



Due to the COVID-19 pandemic, in-person classes were cancelled in mid-March and the Landscaping for Clean Water program transitioned to an online only format.

All three programs — Introduction Class, Design Workshop, and Maintenance Workshop — were available to participants beginning in mid-April. Design Workshop participants were encouraged to request a virtual garden consultation as part of the new office hours program!

Participant feedback was overwhelmingly positively regarding the online format and many recommended including an online offer in future years.

2020 FINANCIAL CONTRIBUTORS

Black Dog
Watershed Management Organization

 **Eagan - Inver Grove Heights**
Watershed Management Organization

 **LOWER MINNESOTA RIVER**
WATERSHED DISTRICT

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

North Cannon River

Watershed Management Organization


Vermillion River
watershed
reflecting life

2020 LANDSCAPING FOR CLEAN WATER PROGRAM SUMMARY

The Landscaping for Clean Water program includes educational workshops, design courses where residents plan their project, and grants that include both cost-share incentives and on-site technical assistance. This process makes it possible for participants to design and install raingardens, native gardens or shoreline restorations that make an impact on local water quality and provide pollinator habitat!

Below is a summary of the 2020 participants by City.

Apple Valley

Intro workshop participants	59
Projects designed in class	21
Installed raingardens	4
Installed native gardens	3

Burnsville

Intro workshop participants	103
Projects designed in class	33
Installed raingardens	6
Installed native gardens	3
Installed shoreline planting	1

Eagan

Intro workshop participants	75
Projects designed in class	22
Installed raingardens	5
Installed native gardens	2

Farmington

Intro workshop participants	16
Projects designed in class	2

Hastings

Intro workshop participants	7
Projects designed in class	4
Installed native gardens	1

Inver Grove Heights

Intro workshop participants	25
Projects designed in class	8
Installed raingardens	1
Installed native gardens	3

Lakeville

Intro workshop participants	71
Projects designed in class	13
Installed raingardens	4
Installed native gardens	1

Mendota Heights

Intro workshop participants	46
Projects designed in class	10
Installed raingardens	2
Installed native gardens	2

Northfield

Intro workshop participants	3
Projects designed in class	2
Installed raingardens	1

Rosemount

Intro workshop participants	40
Projects designed in class	15
Installed raingardens	1
Installed native gardens	3

South Saint Paul

Intro workshop participants	10
Projects designed in class	8
Installed raingardens	1
Installed native gardens	1

West Saint Paul

Intro workshop participants	18
Projects designed in class	8
Installed raingardens	3
Installed native gardens	1
Installed shoreline planting	1

LMRWMO/Ramsey Co Participants

Intro workshop participants	10
Projects designed in class	1
Installed raingardens	3

Non-Dakota County Introduction Participant Cities

Bloomington, Maplewood, Minneapolis, St. Paul, Virginia, Welch, Woodbury

2020 PARTNERS

Cities

- Apple Valley
- Burnsville
- Eagan
- Inver Grove Heights
- Lakeville
- Mendota Heights
- Rosemount

Dakota County

Minnesota Zoo

Ramsey County

Special Thank You

- Master Gardeners of Dakota County
- Master Water Stewards



FOURTEEN YEARS OF CLEAN WATER ACCOMPLISHMENTS

Workshop Participants
 2007-2020 **5,108**

Projects Completed
 2007-2020 **626**

BLURTON

RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PROJECT: Installation of a 192 sq. ft. residential native garden.

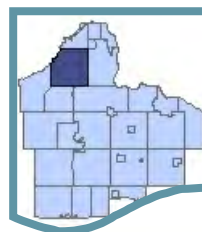
COST: Project materials cost estimated at \$385

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: McKee Street
Eagan



PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

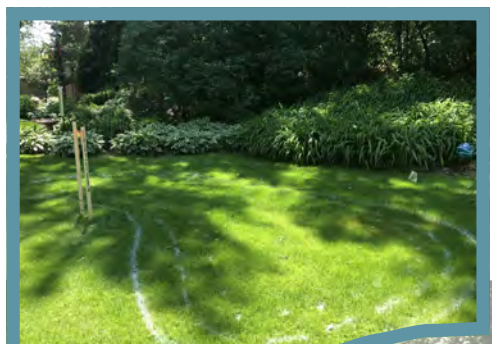
INSTALLATION:

- Summer 2020



GLASS

RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



AFTER

PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020

PROJECT: Installation of a 210 square foot residential raingarden.

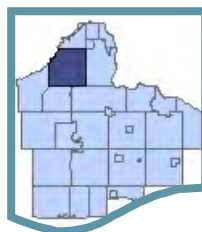
COST: Project materials cost estimated at \$574

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



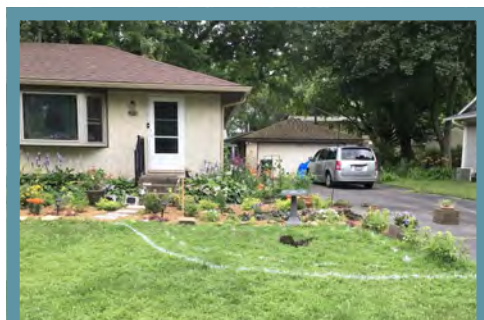
Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Yorktown Drive
Eagan





IMPOLA RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



AFTER

PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020

PROJECT: Installation of a 120 square foot residential raingarden.

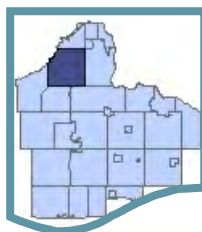
COST: Project materials cost estimated at \$281

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



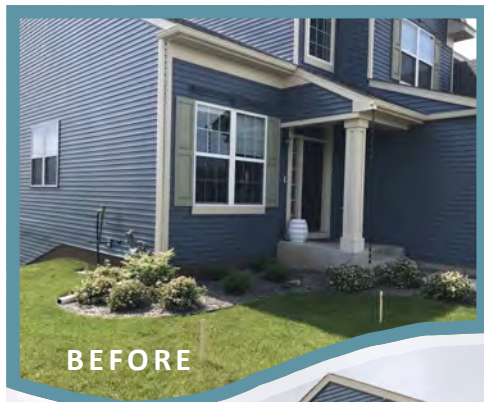
Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Emerald Lane
Eagan



McMAHON

RESIDENTIAL NATIVE GARDEN



A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



PROJECT: Installation of a 500 sq. ft. residential native garden.

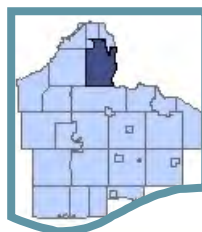
COST: Project materials cost estimated at \$1,460

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Archer Trail
Inver Grove Heights



PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020

PLEHAL

RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PROJECT: Installation of a 100 sq. ft. residential native garden.

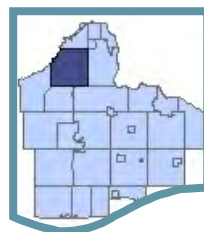
COST: Project materials cost estimated at \$330

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Heine Strasse Street
Eagan



PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020

SMIT

RESIDENTIAL RAINGARDEN



A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.

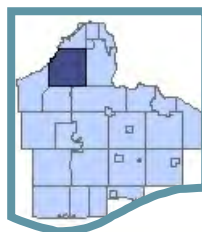


- PROJECT:** Installation of a 200 square foot residential raingarden.
- COST:** Project materials cost estimated at \$1,123
- FUNDING:** Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Mica Trail
Eagan



PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020

TUNSETH

RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



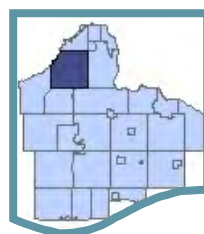
AFTER

- PROJECT:** Installation of a 150 square foot residential raingarden.
- COST:** Project materials cost estimated at \$960
- FUNDING:** Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Widgeon Way
Eagan



PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020

WILDER

RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



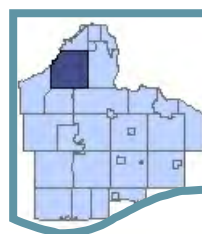
AFTER

- PROJECT:** Installation of a 195 square foot residential raingarden.
- COST:** Project materials cost estimated at \$795
- FUNDING:** Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



Eagan - Inver Grove Heights
Watershed Management Organization

LOCATION: Hickory Hill
Eagan



PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Eagan - Inver Grove Heights Watershed Management Organization

WATERSHED:

- Eagan - Inver Grove Heights

INSTALLATION:

- Summer 2020



Eagan - Inver Grove Heights

Watershed Management Organization

Board of Managers **2021 Meeting Schedule**

*Meeting dates and locations subject to change
Due to the pandemic it is likely that meetings will be held virtually
All change notices will be posted*

Locations:

Eagan Maintenance Facility
3501 Coachman Point
Eagan, MN 55122

Inver Grove Heights City Hall
8150 Barbara Ave
Inver Grove Heights, MN 55077

Time: 5:30 p.m. to 7:00 p.m.

Dates: *Typically the third Tuesday of every other month*

Date	Location
February 16 th , 2021	Eagan
April 20 th , 2021	Inver Grove Heights
June 15 th , 2021	Eagan
August 17 th , 2021	Eagan
October 19 th , 2021	Inver Grove Heights
December 7 th , 2021	Eagan