Eagan - Inver Grove Heights
Watershed Management Organization

AGENDA

BOARD OF MANAGERS MEETING

December 7, 2021 at 5:30 P.M.

Eagan Maintenance Facility
3501 Coachman Point, Eagan, MN 55122

I. Call to Order

II. Approval of Agenda

III. Consent Agenda *(Acted with one motion unless a manager requests an item be discussed)*
   A. Minutes of October 19, 2021 Meeting*
   B. Invoices for Payment*
   C. December 7, 2021 Year-to-Date Financial Summary*

IV. Review 2022-2024 Education & Outreach Plan*

V. Planning for Smart Salting Program

VI. Review Water Checklist and Certification*

VII. Update on Educational Signage for Eagan Stormwater Practices

VIII. Update on CLIMB Theatre in schools

IX. Review 2021 Landscaping for Clean Water Program Results*

X. Minnesota Water Stewards Activity Updates

XI. Community Updates

XII. Agenda Items for February 15, 2022 Meeting

XIII. Adjournment

* Materials included in packet

EAGAN-INVER GROVE HEIGHTS
WATERSHED MANAGEMENT ORGANIZATION

MINUTES
BOARD OF MANAGERS MEETING
October 19, 2021

The Eagan-Inver Grove Heights Watershed Management Organization (WMO) Board of Managers (Board) met at the Inver Grove Heights City Hall, 8150 Barbara Ave, Inver Grove Heights, MN 55077

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
Sharon Lencowski	Appointed by City of Inver Grove Heights

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

Reymann called the meeting to order at 5:35 p.m.

II. Adopt Agenda

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

III. Approve Consent Agenda

A. Minutes of August 17, 2021 Meeting
B. Invoices for Payment
C. October 19, 2021 Year-to-Date Financial Summary

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

IV. Activity to Update Education & Outreach Plan

All activities within the current 2019-2021 E&O table were reviewed. Many items will stay the same. Shifts occurring from print materials to web based. Adding some new programs as well. Chloride becoming more of an issue with dedicated program ideas. Future topics could include climate change impacts, speaker's forum, and appreciation of existing high-quality resources. Revisions will be made for a 2022-2024 plan and brought back to the Board for approval.

V. Smart Salting Education/Signage Planning

Cup design and budget was previously approved by the Board. Cups were ordered and delivered. A draft sign to be distributed to stores to hang by salt sales area was provided. Some comments included adding more color, increase size and laminate. Administrator will tweak the design and have signs ready for managers to distribute with the cups for this winter. Anticipate displaying at approximately 7 stores.

VI. Review Water Checklist and Certification

Foss handed out a best practices for lawns checklist as well as some ideas on how the list could be used. Could be a self-assessment tool, certification program (with various levels), yard sign for recognition, host block parties or cash rebate program. Checklist was supported by managers as something to continue to develop as a WMO program. Managers can send comments to Foss. The concept will be included in the E&O plan and details will be discussed in the next few WMO meetings.

VII. Update on Educational Signage for Eagan Stormwater Practices

Macbeth handed out the draft signage developed by City of Eagan staff for the stormwater best management practices around the City Hall complex. Images are fairly set but he is still taking comments on them and the text. Managers will submit comments to Macbeth within the next week.

VIII. Delegate State Grant Authority to Administrator

The Watershed Based Implementation Funding grant through BWSR will need to be extended. Current expiration is December 31, 2021. The Carlson Lake project is contracted but was unable to be constructed due to materials shortages. SWCD has taken a similar broad motion to allow staff to sign off for grant management.

Motion by Reymann, second by Workman-Jesness that the Administrator is delegated authority to sign all state grant documents. Motion carried.

IX. Amend Joint Powers Agreement with Eagan for Watershed Based Funding Grant

Current JPA between E-IGHWMO and the City of Eagan is set to expire at the end of 2021. Since the Carlson Lake project is not complete a JPA amendment is needed to extend the date. At the same time the remaining project funds that were not used by a County WBIF project will be added to the City of Eagan JPA. Upon approval the JPA will be routed to City of Eagan Council for approval.

Motion by Reymann, second by Lencowski to approve the amendments to the JPA as presented.

X. Discuss Records Retention Policy

The official records retention currently resides with the City of Eagan. It is being proposed by staff to change this to the Administrators office, Dakota County SWCD. Change would need to be officially filed with the State of Minnesota. This would mean all records officially stored at SWCD office, and any data request would be process by the SWCD. May be pending SWCD acceptance of official records retention. Is a good time to revisit the retention schedule anyways.

Motion by Workman-Jesness, second by Saito to change the official records retention to the SWCD office, pending acceptance of the SWCD Board. Motion carried.

XI. Approve Workplan with SWCD

Annual workplan was reviewed, most items remain the same. Rate for SWCD increased from $80 to $85. Websites redesign costs came out, Landscaping for Clean Water (LCW) may be virtual or combination, and LCW grants remain at 12.

Motion by Workman-Jesness, second by Foss to approve the 2022 workplan with Dakota SWCD. Motion carried.

XII. Select Legal Services Proposal

The RFP was posted and distributed. A proposal was received from Campbell Knutson. They are also current legal counsel.

Motion by Reymann, second by Lencowski to enter into an agreement with Campbell Knutson for legal services according to the proposal. Motion carried.

XIII. Approve 2022 Meeting Schedule

Proposed schedule follows what has typically been done in past years and has meetings in both Eagan and Inver Grove Heights.

Motion by Reymann, second by Saito to approve the 2022 meeting schedule as presented. Motion carried.

XIV. Minnesota Water Stewards Activity Updates

Only update was that some Managers/Water stewards tabled at Eagan MarketFest.

XV. Community Updates

Eagan adopted the garbage truck ordinance which requires reporting of any amount of hydraulic fluid discharge. Carlson Lake project will be in 2022 due to materials shortages. Another project that benefits LeMay Lake project currently under construction. Managers are welcome to go look at the underground storage tank as it is currently still open.

Inver Grove Heights is standardizing their hydro-dynamic separators to ease maintenance. There are development assurity agreements that even if builder fails to follow through the developer will still be held accountable. This helps with single lot turf establishment and erosion control measures. There is also an escrow for native vegetation establishment.

XVI. Agenda Items for Next Meeting

- Education & Outreach Plan
- Smart salting
- Signage
- Water checklist

XVII. Adjournment

Motion by Workman-Jesness, second by Foss to adjourn the meeting. Meeting adjourned at 7:30 pm.

CAMPBELL KNUTSON
Professional Association
Attorneys at Law
Federal Tax I.D. #41-1562130
Grand Oak Office Center I
860 Blue Gentian Road, Suite 290
Eagan, Minnesota 55121
(651) 452-5000

Page: 1
October 31, 2021
Account # 3346-0000G
13

Eagan-Inver Grove Heights WMO
Attn: Ashley Gallagher, Admin.
c/o Dakota County SWCD
4100 220th Street West
Farmington MN 55024

RE: GENERAL MATTERS
SERVICES RENDERED TO DATE:

			HOURS	
10/25/2021	JJJ	Emails Ashley, prepare updated JPA for City staff services.	0.30	48.00
10/27/2021	JMO	Create Word document from a .pdf of JPA; compare City's draft JPA document to converted document; save track changed document as new version; accept changes, clean up, and format same; email track change and clean documents to Ashley.	0.90	81.00
		AMOUNT DUE	1.20	129.00
		TOTAL CURRENT WORK		129.00
		PREVIOUS BALANCE		$45.00
06/20/2019		Payment - thank you		-45.00
		TOTAL AMOUNT DUE		$129.00

Amounts due over 30 days will be subject to a finance charge of .5% per month (or an annual rate of 6%). Minimum charge - 50 cents.

III B. Invoice for Payment

Invoice

Dakota County Soil & Water Conservation District

4100 220th Street West, Ste 102
651-480-7777
Farmington, MN 55024

DATE	INVOICE #
10/28/2021	3131

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 2021			
	ADMINISTRATION:			
E-IGH WMO	General Administration, Financial Tasks, Board Meeting Coordination (August 17, October 19), General Correspondence, Landowner Assistance, CLIMB Theater Coordination, ACRE Public Sector Meeting, BWSR WBIF Comments and Committee Meeting, Rainbarrel Program Coordination, Records Retention Research.	28.5	80.00	2,280.00
E-IGH WMO	Paper, Printing, Postage.		50.00	50.00
	EDUCATION AND OUTREACH ASSISTANCE:			
E-IGH WMO	Website Updates and Maintenance.	1	80.00	80.00
E-IGH WMO	Website Re-Design		4,000.00	4,000.00
E-IGH WMO	Landscaping for Clean Water Maintenance Class		1,600.00	1,600.00
E-IGH WMO	Landscaping for Clean Water Grants	3	250.00	750.00
	Impola, McMahon, Quinn			
E-IGH WMO	Landscaping for Clean Water Grants Technical Assistance	3	500.00	1,500.00
	Impola, McMahon, Quinn			
	Other			
E-IGH WMO	10 Navy Lightweight Vests w/E-IGH Logo		400.00	400.00
			Total	**$10,660.00**

E-IGHWMO 2021			Actual Revenues						
ESTIMATED REVENUES	**Allocation**	**Budget**	Jan 1 - Feb 16 2021	Feb 17 - Apr 20 2021	Apr 21 - Jun 15 2021	Jun 16 - Aug 17 2021	Aug 18 - Oct 19 2021	Oct 20 - Dec 7 2021	**Year-to-Date Totals**
Member City Assessments									
Eagan		**$45,676.00**			$45,382.94				**$45,382.94**
Inver Grove Heights		**$1,324.00**				$1,617.06			**$1,617.06**
Watershed Based Funding Grant									
50% initial amount	**$62,080.00**	**$62,080.00**							**$0.00**
40% upon expediture of initial	**$49,664.00**								**$0.00**
10% upon grant completion	**$12,416.00**								**$0.00**
Other		**$0.00**				$1,105.50			**$1,105.50**
Use of Fund Balance		**$8,300.00**							**$0.00**
TOTAL		**$117,380.00**	**$0.00**	**$0.00**	**$45,382.94**	**$2,722.56**	**$0.00**	**$0.00**	**$48,105.50**
ESTIMATED EXPENSES		**Budget**							
Work Program									
A. Annual Report, Finance Report and Audit		**$2,000.00**							**$0.00**
B. Annual Newsletter or Communication		**$300.00**							**$0.00**
C. Maintain Web Site		**$4,000.00**	$530.00		$80.00	$480.00		$4,080.00	**$5,170.00**
D. Board Education		**$500.00**							**$0.00**
E. Implement Watershed Plan									
1. Support Existing Programs		**$19,000.00**	$3,000.00			$14,550.00		$3,850.00	**$21,400.00**
2. WMO Education and Outreach Programs		**$3,000.00**				$66.43	$4,719.00	$400.00	**$5,185.43**
Organizational Administration									
Staff Services (general)		**$21,000.00**	$4,004.00		$2,730.00	$2,920.00		$2,330.00	**$11,984.00**
Engineering and Consulting Services (general)		**$4,000.00**							**$0.00**
Legal Consulting Services (general)		**$500.00**						$129.00	**$129.00**
Watershed Based Funding Grant									
Administration	**$6,208.00**	**$3,202.90**	$929.63		$484.14				**$1,413.77**
Projects	**$117,952.00**	**$73,354.00**		$29,488.00					**$29,488.00**
Watershed Plan Reserve	**$2,000.00**	**$1,000.00**							**$0.00**
TOTAL		**$131,856.90**	**$8,463.63**	**$29,488.00**	**$3,294.14**	**$18,016.43**	**$4,719.00**	**$10,789.00**	**$74,770.20**
Balance		**$115,204.25** [1]	**$106,740.62**	**$77,252.62**	**$119,341.42**	**$104,047.55**	**$99,328.55**	**$88,539.55**	**-$26,664.70**
1 = 2020 Balance Carry Over									

IV. Education & Outreach Plan

	Activity	Description	Implementation Year and Estimated Cost 2022	2023	2024	Estimate Source	Partners
Events	CLIMB Theatre	Support CLIMB Theatre one time water themed performances to groups (i.e. seniors, young adults, businesses)	$1,000	$1,000	$1,000	Based on previous contracts	CLIMB Theatre
	Tour	Tour of watershed including best management practices installed followed by picnic celebration	-	$2,000	-	Staff time to organize plus rentals/food, Every other year	DCSWCD, Cities
	Lakefest	Support Lakefest by hosting a table or providing programming	$100	-	$100	Materials, Rely on volunteers, Every other year event	Eagan
	Marketfest	Support Marketfest by hosting or partnering to provide a table on water quality activities	$100	$100	$100	Materials, Rely on volunteers	Eagan
	Lake Clean-up	Organize 1-2 cleanups annually that are focused on a lake and rotate throughout the watershed	$500	$500	$500	Materials, Rely on Volunteers, Staff time to organize	Eagan
	Dakota County Fair	Assist with the display at the fair and staff the booth	$100	$100	$100	Materials, Rely on Volunteers	DCSWCD
Programming	Minnesota Water Stewards	Support current stewards with projects, activities and continuing education for maintaing certification.	$2,000	$2,000	$2,000	Materials, Staff time	Freshwater, Eagan
	CLIMB Theatre	Support CLIMB Theatre water themed performances in multiple elementary schools	$3,500	$3,500	$3,500	Based on previous contracts	CLIMB Theatre, Schools
	Rainbarrels	Rainbarrel distribution program in partnership with local businesses	-	$4,000	-	Cost from rainbarrel supplier plus coordination	Local Business, Rain Water Solutions Inc
	Neighborhood Scale	Neighborhood scale meetings in conjunction with city stormwater and water quality improvement or protection projects	$500	$500	$500	Staff time to organize and promotion materials	Cities, Neighborhood residents
	Landscaping for Clean Water	Support the promotion, education and installation of raingardens/native plantings/shoreline planting through the Landscaping for Clean Water Program	#####	#####	#####	Based on previous contracts	DCSWCD, Cities
	Schools	Lesson plans tailored to meet standards and provide water education, taught by the SWCD	-	$800	$800	$800 per program, Wait until after start up year or STEM standards are complete	DCSWCD, Schools
	Raingarden Maintenance	Raingarden maintenance workshops and/or adopt-a-raingarden	$1,600	$1,600	$1,600	Staff time and materials, Every other year in partnership with other watersheds	DCSWCD, Cities
	Certifications						
	Chloride	Develop and/or support education on chloride pollution and salt alternatives	$500	$500	$500	Eagan and/or MPCA program	Watersheds, MPCA
	Backpacks	Water themed backpacks at libraries in the watershed	$250	$250	$250	Upkeep costs	Libraries
Communication	Government	Outreach to City Councils	$200	$200	$200	Staff time and materials	Cities
	Newsletter	Write an article on the E-IGHWMO and pollution prevention practices for incorporation in city newletters	$100	$100	$100	Staff Time	Cities
	Social Media	Regular watershed notes or short messages via existing social media (DCSWCD and cities)	$200	$200	$200	Staff time	DCSWCD, Cities
	Reporting	Meet reporting requirements for metro watershed 8410 rules which includes an annual report	$500	$500	$500	Average of previous years costs	DCSWCD, Cities, BWSR
	Buffer Brochure						
	Lawn Care Checklist						
	Website	Maintain website with user friendly, time relevant information and news. Develop list of resources, including models and displays, education apps, etc.	$500	$500	$500	Previous years maintenance costs	DCSWCD
Partner	Fishing	Support exisiting fishing education programs	-	-	-	Program supported by Eagan	Eagan, MDNR
	Stormdrain Stenciling	Support existing storm drain stenciling or adopt-a-drain programs	-	-	-	Cities have stenciling programs, Adopt-a-drain is online tool	Adopt-a-Drain, Cities
	Lawn Care	Support existing water wise lawn care education for homeowners	-	-	-	Program supported by Eagan	Eagan
As Opportunities Arise	Climate Change	Participate in programs related to changing water levels and storm intensity due to climate change	$500	$500	$500		
	Aquatic Invasive Species	Participate in programs related to Aquatic Invasive Species	$500	$500	$500		
	Speakers Forum	Organize a local forum for hosting speakers on water related topics	$500	$500	$500		
		Totals	#####	#####	#####		

Eagan - Inver Grove Heights
Watershed Management Organization

How you can manage your yard to keep the groundwater safe to drink and protect our local lakes

Did you know?

About 90% of Dakota County residents rely on groundwater as their primary drinking water source.

The greatest source of water pollution in cities is from stormwater runoff.

The primary runoff pollutants from your household are typically chemical pesticides/herbicides and fertilizers used on your lawn.

Water Checklist of 14 BEST PRACTICES for your yard

Check off as many as you can

CATEGORY 1

☐ MOW HIGH AND WATER LESS Mowing your grass at 4” helps shade out weeds and encourages roots to grow longer. The lawn will tolerate heat better and require less water. Most effective watering practices include watering early in the morning, close to the ground, slowly, deeply, and less frequently.

☐ USE AN EFFICIENT IRRIGATION SYSTEM Check that your irrigation system is not overspraying onto sidewalks or streets, is not leaking, and uses water gauge sensors and smart controllers to monitor when water should turn on and off.

- DON'T USE ARTIFICIAL HERBICIDES, PESTICIDES OR FERTILIZERS Runoff from chemical fertilizers causes great harm to our lakes, streams, and ponds. Use natural fertilizers and amendments.

- REDUCE THE SIZE OF THE LAWN Turf grass provides very few benefits to the ecosystem. For a more sustainable yard, reduce the size of the lawn by replacing some areas with perennial groundcover and gardens.

- LANDSCAPE WITH NATIVE PLANTS Native plants are best suited for our weather and soil and use far less water than generic plants. Pollinators and birds rely on native plants to thrive and raise their young. Think of the diversity of life that lives in the different layers (ground to canopy) and plant a variety of native trees, shrubs, and perennial plants to provide habitat for a variety of wildlife.

- MULCH AND AMEND THE SOIL NATURALLY Compost, grass clippings, and fallen leaves improve the soil structure and add nutrients for your plants. Attach a leaf mulching blade to your lawnmower in the fall to mulch leaves into the lawn. Keep clippings off of driveways and streets so they do not enter the stormwater system.

- DISPOSE OF TOXINS SAFELY If you pour toxins into the street, the rain will move them through the stormwater system directly into the lakes and groundwater. Bring oils, paint thinners, paints and pesticides to the Dakota County Recycling Zone where they will be disposed of properly.

- LIMIT USE OF SALT To combat winter's icy sidewalks and driveways, shovel first and then apply anti-icers (sand, kitty litter) lightly if needed.

CATEGORY 2

- AERATE THE LAWN Compacted soils both increase runoff because water can't infiltrate the soil and decrease the health of the vegetation because there is little space for water, oxygen, nutrients, and room for roots to grow. Aerate your lawn every few years.

- PLANT NATIVE GROUNDCOVER / FESCUE LAWN Traditional grass lawns require a high input of resources to maintain attractiveness (water, fertilizer, herbicide, mowing). Plant grass areas with low maintenance perennial groundcover, sedges, or pollinator lawns (https://extension.umn.edu/yard-and-garden-news/ground-covers-gardens)

- REMOVE INVASIVES Familiarize yourself with the invasive plants in your area (MN noxious weed list: http://www.dot.state.mn.us/roadsides/vegetation/pdf/noxiousweeds.pdf) and remove them from your property.

CATEGORY 3

☐ ADD A RAINGARDEN It's astounding how much rainwater runs off the roof in a storm. A raingarden is designed to collect and infiltrate runoff from roofs, driveways, and sidewalks before it flows into the storm sewer.

☐ REDIRECT DOWNSPOUT WATER Collect rain runoff from the roof by redirecting water through the use of gutters, downspouts, rain chains, swales, and rain barrels. Rain barrel water can be used to water gardens and lawns another day.

☐ ADD DRIVEWAY RUNOFF DIVERSIONS By installing a drain system such as a channel drain, rubber razor, or "speed bump", the driveway's rainwater runoff can be redirected into a swale or raingarden.

Dear Neighbors,

The Eagan-Inver Grove Heights Water Management Organization would like to celebrate your efforts. When you have implemented some of the best practices you will be given an outdoor lawn sign to both acknowledge and thank you for your efforts.

When you have implemented:

2 Water Best Practices from Category 1	**Bronze Star**
3 Water Best Practices from Category 1 and 1 from Category 2	**Silver Star**
4 Water Best Practices Category 1, 1 from Category 2, and 1 from Category 3	**Gold Star**

Send a copy of your checklist to E-IGH WMO, along with your name, address, phone number, and email address, and we will schedule a meeting to give you the lawn plaque.

Eagan - Inver Grove Heights
Watershed Management Organization

How to manage your yard to protect our local lakes and keep the groundwater safe to drink.

Did you know?

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Water Checklist of 14 BEST PRACTICES for your Yard

Check the ones that you are doing

☐ MOW HIGH AND WATER LESS Mowing your grass at 4” helps shade out weeds and encourages roots to grow longer. The lawn will tolerate heat better and require less water. Most effective watering practices include watering early in the morning, close to the ground, slowly, deeply, and less frequently.

☐ USE AN EFFICIENT IRRIGATION SYSTEM Check that your irrigation system is not overspraying onto sidewalks or streets, is not leaking, and uses water gauge sensors and smart controllers to monitor when water should turn on and off.

☐ DON’T USE ARTIFICIAL HERBICIDES, PESTICIDES OR FERTILIZERS Runoff from chemical fertilizers causes great harm to our lakes, streams, and ponds. Use natural fertilizers and amendments.

☐ AERATE THE LAWN Compacted soils both increase runoff because water can't infiltrate the soil and decrease the health of the vegetation because there is little space for water, oxygen, nutrients, and room for roots to grow. Aerate your lawn every few years.

☐ REDUCE THE SIZE OF THE LAWN Turf grass provides very few benefits to the ecosystem. For a more sustainable yard, reduce the size of the lawn by replacing some areas with perennial groundcover and gardens.

☐ PLANT NATIVE GROUNDCOVER / FESCUE LAWN Traditional grass lawns require a high input of resources to maintain attractiveness (water, fertilizer, herbicide, mowing). Plant grass areas with low maintenance perennial groundcover, sedges, or pollinator lawns (https://extension.umn.edu/yard-and-garden-news/ground-covers-gardens)

☐ LANDSCAPE WITH NATIVE PLANTS Native plants are best suited for our weather and soil and use far less water than generic plants. Pollinators and birds rely on native plants to thrive and raise their young. Think of the diversity of life that lives in the different layers (ground to canopy) and plant a variety of native trees, shrubs, and perennial plants to provide habitat for a variety of wildlife.

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 LIMIT USE OF SALT When it’s time to replace the old water softener, find one that is an efficient or salt-free water treatment system. To combat winter’s icy sidewalks and driveways, shovel first and then apply anti-icers (sand, kitty litter) lightly if needed.

Eagan - Inver Grove Heights
Watershed Management Organization

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
http://www.dakotacountyswcd.org/watersheds/eagan-igh-wmo/index.htm

Dear Neighbor,

Thank you for implementing water projects from the **Water Checklist of 14 BEST PRACTICES for your Yard.** Protecting and restoring Eagan's and Inver Grove Height's water quality takes all of us working together. Every project, large or small, improves the quality of our wetlands, lakes, and rivers. Each step that moves the community from more wasteful water practices to best practices will

- Improve water conservation
- Prevent groundwater and surface water pollution, and
- Increase water retention on your property, thus limiting water run-off, which is the major source of nonpoint water pollution in MN.

Weather patterns are changing in Minnesota. We are seeing hotter temperatures with more precipitation. The rainstorms can also be more powerful, causing flooding and additional stress on our stormwater infrastructure. Interventions that we do at the residential level can make a big difference.

.

How to use the **Water Checklist of 14 BEST PRACTICES for your Yard**:

1. Check off what you are currently doing. Acknowledge the good practices you already have in place.
2. Decide if you would like to be doing even more to protect our water. Use the list as a source for new ideas. Are there other practices that you could implement?
3. Determine your priorities and develop an attainable action timeline.

The Eagan-Inver Grove Heights Water Management Organization would like to celebrate your efforts. When you have implemented 8 of the 14 best practices the E-IGH WMO has a lawn sign for you to both acknowledge and thank you for your efforts. This outdoor lawn plaque will let the neighborhood know that you are supporting the community's water needs. The sign can also serve as an educational tool for inviting others to take water quality steps themselves.

Send a copy of your checklist to E-IGH WMO, along with your name, address, phone number, and email address, and we will schedule a meeting to give you the lawn plaque.

For more details and information please visit
http://www.dakotacountyswcd.org/watersheds/eagan-igh-wmo/index.htm

(this is the brainstorming list for the WMO)

Water Checklist options

1. Stand alone assessment/idea tool
    a. Public meeting handout
    b. Online information on web page

2. Make an information video for our website

3. Use with home visits given by EIGH WMO members

4. Create a block party workshop that teaches about water issues and solutions

5. Certificate sent to homeowner after completion of _____ steps

6. Yard plaque after completion of _____ steps.

7. Cash rebate

2021 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


LAYOUT


MIDPOINT


FINAL PROJECT

2021 BY THE NUMBERS

3 Grant rounds

371 Individuals participated in Introduction Classes

96 Individuals participated in Maintenance Workshops

52 People participated in the Office Hours program

142 Projects designed as part of virtual Design Workshops

41 Raingardens & Native Gardens & Shorelines Installed

The Landscaping for Clean Water program - Introduction class, Design course, and Maintenance workshop - was offered remotely again in 2021. Four Introduction classes were held live via Zoom during the spring. Staff with partner cities joined each class to host breakout sessions for the participants.

New this year, the Maintenance workshop was offered as a series of three virtual classes held live via Zoom, providing participants with season specific information on how to maintain and promote the health, performance, and beauty of their garden!

2021 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

4100 220th Street W, Suite 102, Farmington, MN 55024 Tel: (651) 480-7777 Fax: (651) 480-7775 www.dakotacountyswcd.org

2021 Landscaping for Clean Water Program Summary

DAKOTA COUNTY
SOIL & WATER CONSERVATION DISTRICT

Thank you to everyone who joined the cause to reduce pollution, improve water quality, and increase pollinator habitat on your property this year! Participation at any level - watching the Introduction to Clean Water video, installing a project with the Design Course, or learning some tips and tricks on how to properly maintain your garden with the Maintenance Workshop series - helps to spread interest and know-how to all corners of Dakota County.

Below is a summary of the 2021 participants by City.

Apple Valley

Introduction class registrants	43
Projects designed	20
Installed raingardens	2
Installed native gardens	3

Burnsville

Introduction class registrants	100
Projects designed	34
Installed raingardens	7
Installed native gardens	2
Installed shoreline planting	1

Eagan

Introduction class registrants	44
Projects designed	24
Installed raingardens	2
Installed native gardens	3
Installed shoreline planting	1

Hastings

Introduction class registrants	10
Projects designed	2
Installed native gardens	1

Inver Grove Heights

Introduction class registrants	9
Projects designed	7
Installed raingardens	2
Installed native gardens	2

Lakeville

Introduction class registrants	47
Projects designed	26
Installed raingardens	1
Installed native gardens	4

Mendota Heights

Introduction class registrants	35
Projects designed	21
Installed raingardens	5
Installed native gardens	4

Northfield

Introduction class registrants	2
Projects designed	1
Installed native gardens	1

Randolph

Introduction class registrants	1
Projects designed	1
Installed native gardens	1

Rosemount

Introduction class registrants	30
Projects designed	7
Installed raingardens	2
Installed native gardens	2

South Saint Paul

Introduction class registrants	8
Projects designed	3
Installed raingardens	1

West Saint Paul

Introduction class registrants	8
Projects designed	7
Installed raingardens	1
Installed shoreline planting	1

Installed in partnership with Ramsey County

Raingardens—St. Paul	1

Non-Dakota County Introduction Participant Cities

Aitkin, Bloomington, Columbia Heights, Minneapolis, Minnetonka, Prescott, Prior Lake, Richfield, Savage, Shakopee, St Paul, Verndale

2021 PARTNERS

Cities

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

Dakota County

Ramsey County

FIFTEEN YEARS OF CLEAN WATER ACCOMPLISHMENTS

Workshop Participants 2007-2021 **5,136**

Projects Completed 2007-2021 **667**

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PROJECT FACTSHEET

DANAHER
RESIDENTIAL RAINGARDEN

DAKOTA COUNTY
SOIL & WATER
CONSERVATION DISTRICT

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

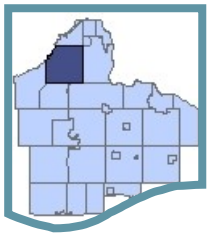
PROJECT: Installation of a 330 square foot residential raingarden.

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: Sawgrass Tr W
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 2021

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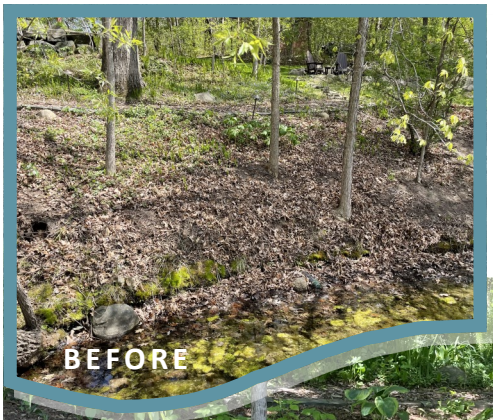
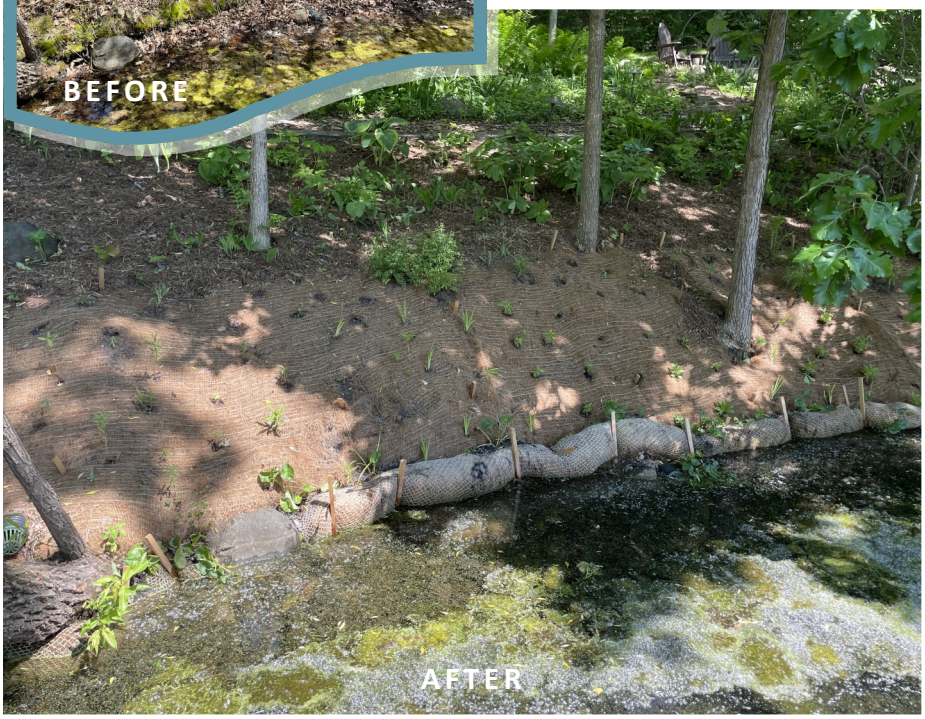
PROJECT FACTSHEET

HEDBLOM NATIVE SHORELINE PLANTING

DAKOTA COUNTY SOIL & WATER CONSERVATION DISTRICT



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



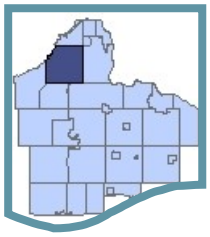
PROJECT: Installation of a 1,000 sq. ft. native shoreline planting

COST: Project materials cost estimated at $1,170

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: Ches Mar Circle
Eagan



PRACTICE:

- Native Shoreline Planting

BENEFITS:

- Shoreline stabilization and erosion 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:

- Spring 2021

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PROJECT FACTSHEET

IMPOLA

RESIDENTIAL NATIVE GARDEN

DAKOTA COUNTY SOIL & WATER CONSERVATION DISTRICT

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

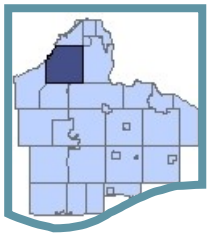
PROJECT: Installation of a 200 sq. ft. residential native garden.

COST: Project materials cost estimated at $390

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



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 2021

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PROJECT FACTSHEET

McMahon Residential Raingarden

DAKOTA COUNTY SOIL & WATER CONSERVATION DISTRICT

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

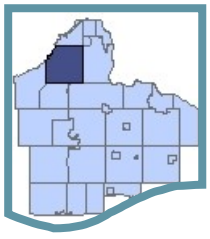
PROJECT: Installation of a 130 square foot residential raingarden.

COST: Project materials cost estimated at $486

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
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 2021

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PROJECT FACTSHEET

QUINN

RESIDENTIAL NATIVE GARDEN

DAKOTA COUNTY
SOIL & WATER
CONSERVATION DISTRICT

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

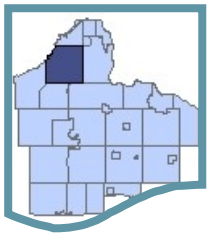
PROJECT: Installation of a 450 sq. ft. residential native garden.

COST: Project materials cost estimated at $623

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: Mallard Drive
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 2021

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PROJECT FACTSHEET

ZELENAK - SIDLER RESIDENTIAL RAINGARDEN

DAKOTA COUNTY SOIL & WATER CONSERVATION DISTRICT

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

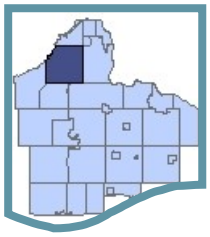
PROJECT: Installation of a 300 square foot residential raingarden.

COST: Project materials cost estimated at $708

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: Heritage Lane
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 2021

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