

AGENDA

BOARD OF MANAGERS MEETING

February 16, 2021 at 5:30 P.M.

Virtual Meeting via Zoom or Call-in

https://dakotacountymn.zoom.us/i/96920238962?pwd=RE8rR2pOMDdNUzdab3c0cTR1Z1hTdz09

Meeting ID: 969 2023 8962 Passcode: 037496 Phone: 1-646-558-8656

- I. Call to Order
- II. Approval of Agenda
- III. Election of Officers
- IV. Consent Agenda (Acted with one motion unless a manager requests an item be discussed)
 - A. Minutes of December 8, 2020 Meeting*
 - B. Invoices for Payment*
 - C. Year-end Financial Summary*
 - D. February 16, 2021 Year-to-Date Financial Summary*
- V. Website Redesign Review*
- VI. Educational Signage for Stormwater Practices*
- VII. Smart Salting*
- VIII. Draft 2020 Annual Report*
 - IX. Draft 2022 Budget*
 - X. Landscaping for Clean Water 2021 Plan
 - XI. Lower MN One Watershed, One Plan Update*
- XII. Minnesota Water Stewards Activity Updates
- XIII. Community Updates
- XIV. Agenda Items for April 20, 2021 Meeting
- XV. 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



MEMORANDUM

To: E-IGHWMO Board of Managers

From: Ashley Gallagher, Administrator

Date: February 5th, 2021

Subject: February 16th, 2021 Board Meeting Agenda

- IV. Consent Agenda (acted upon with one motion)
 - A. Minutes of December 8, 2020 Meeting
 - B. Invoices for Payment: There are two SWCD invoices, one for regular administrative work the other is for work on the Watershed Based Funding grant. Summary spreadsheet of expenses under the workplan with the SWCD is included. The Administration-Board Preparation item is \$5,400 however this is due to the financial audit and the staff time associated with it. The overall workplan is not-to-exceed \$29,480 and total expenses are at \$27,193.
 - C. February 16, 2021 Year-to-Date Financial Summary
 - D. Year-end Financial Summary
- V. Website Redesign Review- Review and comment on the website progress, some known changes to be made will be discussed. Domain has been secured and the new website may be accessed for review but is not live at <u>eaganinvergroveheightswmo.org</u>.
- VI. Educational Signage for Stormwater Practices- Review and comment on the first draft of educational signage that would be placed near stormwater Best Management Practices (BMPs) around the City of Eagan municipal complex.
- VII. Smart Salting- Discuss funding smart salting cups, like the design done by Dakota County. If proceeding and funding, a motion would be needed.
- VIII. Draft 2020 Annual Report- This publication is an annual requirement. Upon completion and approval, it will be sent to BWSR and to member cities for distribution.
- **IX. Draft 2022 Budget-** No increase in dues proposed for 2022. Most activity budgets remain the same, slight decrease as there is no audit needed and no web upgrades. *Action needed.*
- X. Landscaping for Clean Water 2021 Plan- Review that program will be 100% virtual.
- XI. Lower MN One Watershed, One Plan Update- Review planning boundary changes. Recommendation is to accept the changes. *Action needed.*

EAGAN-INVER GROVE HEIGHTS WATERSHED MANAGEMENT ORGANIZATION

DRAFT MINUTES BOARD OF MANAGERS MEETING December 8, 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
Sharon Lencowski	Appointed by City of Inver Grove Heights
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
Ralph Schnorr	Citizen

I. Call to Order

Chair Reymann called the meeting to order at 5:33 p.m.

II. Adopt Agenda

Motion by Reymann, second by Workman-Jesness to approve the agenda with addition of WMO Shirts. Motion carried.

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Sharon Lencowski	Yes
Monica Foss	Not present

III. Public Hearing for Watershed Plan Amendment

Chair Reymann opened the comment period. Hearing none, the comment period was closed.

IV. Approve Consent Agenda

- A. Minutes of October 20, 2020 Meeting
- B. Invoice for Payment
- C. December 8, 2020 Year-to-Date Financial Summary

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

Manager	Vote
Joe Reymann	Yes
Sarah Saito	Yes
Jennifer Workman-Jesness	Yes
Sharon Lencowski	Yes
Monica Foss	Not Present

V. Community Report - Inver Grove Heights

Steve Dodge asked to give report now, as he had to leave the E-IGHWMO meeting early to attend another meeting. The City received two applications for the posted Board position. Appointment goes to City Council for a decision on December 15th. Staff recommendation is to re-appoint Sarah Saito and suggest that the other applicant could consider LMRWMO. Stormwater management programs and CIP continues, and multiple projects are wrapping up. City will be working on a new application to the MPCA for 5-year MS4 permit.

At 5:45 Steve Dodge left the meeting and Monica Foss joined the meeting.

VI. Watershed Based Implementation Funding (WBIF)

E-IGHWMO has an existing WBIF grant. Four projects were planned with this grant, two with Dakota County in Lebanon Hills Regional Park and two with the City of Eagan. The Schulze Lake project has received one dose of aluminum sulfate for phosphorus, with a second planned for the spring 2021. The Holland Lake Channel Stabilization project is complete. Paperwork is now being gathered to process a payment in 2021. The Eagan Le May Lake Iron Enhanced Sand Filter was installed last year, and payment was made. The Carlson Lake project is still under review. The City has a consultant assessing the most cost-effective projects for phosphorus removal. The grant project for underground treatment may or may not rise to the top. Administrator and Eric Macbeth will discuss options after the consultant has completed their review.

Administrator has been participating with the Lower MN River group for the next round of WBIF. Group had previously finalized criteria on ranking. Projects were then submitted. E-IGHWMO did not submit any projects. More funds requested than were available. Final project list will go to BWSR for eligibility review.

VII. Watershed Plan Amendments

During the 30-day comment period the following review authorities responded:

- Dakota County No comments
- Metropolitan Council- No comments
- Minnesota Department of Agriculture No comments
- Dakota County SWCD- No comments
- City of Eagan- Minor edits

Motion by Workman-Jesness, second by Saito to accept the Plan amendment as presented and submit to BWSR. Motion carried.

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

VIII. Landscaping for Clean Water 2020 Summary

The program summary was included in the meeting packet as well as factsheets for each individual project completed this year. A total of eight projects were done in the E-IGH watershed. Board members expressed their thanks and like the factsheets, especially the before and after photos. Administrator mentioned that the SWCD is starting to plan for 2021 and LCW will likely be all virtual. If in person events were to be planned, there is the risk of having no place to meet, as many public buildings remain closed.

IX. Meeting Schedule for 2021

Schedule was included in the meeting packet, there were no comments. Schedule will be posted.

Motion by Reymann, second by Foss to approve the 2021 meeting schedule. Motion carried.

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

X. Website Redesign Update

Consultant is currently working on the SWCD wireframe, but in doing so is also developing the WMO wireframes. There is no product to show the E-IGHWMO Board at this point. It is anticipated that a website will be available for review at the February E-IGHWMO meeting.

XI. Minnesota Water Stewards Activity Updates

No reports from Water Stewards.

XII. Community Updates

Steve Dodge gave report for Inver Grove Heights at the beginning of the meeting.

Eric Macbeth provided a report for the City of Eagan. City originally received 3 applications for the next round of Water Stewards. However, after discussing with individuals they dropped their applications either due to the Cities request for earnest payment or the time commitment. Update to the Fish Lake building is complete. Pond maintenance projects from 2019 and 2020 are wrapping up. City will be submitting a new MS4 permit application to the MPCA for 2020-2025 permit. The deadline to submit to MPCA is in April 2021. Winter aeration program will start at some point. City has ability to aerate up to 13 lakes. Alum applications may have improved some lakes enough that they will not need aeration now. Municipal area stormwater BMP educational signage is still being developed.

Foss mentioned that Lebanon Hills Regional Park is currently working on scheduling programing for next summer. Curious if the Board thought there might be opportunities for collaboration or providing programs. Board would have to reach out and offer services. There is some coordination between the SWCD's LCW program and parks. Something to keep in mind for programing as collaborating reduces need to create new or promote on your own. On idea was to have an Environmental Opportunity Fair. This could be an event where different programs, such as E-IGHWMO opportunities, LCW or citizen science projects, get together for a tabling or quick presentation event.

XIII. E-IGHWMO Shirts

The idea for WMO shirts or some form of recognition for Board members when they are events was discussed. Name badges, aprons, or vests were all mentioned as other options. Administrator will gather options for the February meeting. Could be option to allow each member to spend up to a certain amount, or just do one standard order.

XIV. Agenda Items for Next Meeting

- Rain barrels
- Neighborhood lake cleanup
- Municipal BMP education update
- Plan adoption
- WBIF payments
- Website
- Apparel options

XV. Adjournment

Motion by Workman-Jesness, second by Saito to adjourn the meeting. Meeting adjourned at 6:15 pm.

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

2020 Eagan Inver Grove Heights WMO

	Wa	orkplan	Ba	lance	1st	Quarter	2nd	Quarter	3rd	Quarter	4th (Quarter	Tota	Billings
	<u>Hours</u>	<u>Amount</u>	<u>Hours</u>	<u>Amount</u>	<u>Hours</u>	<u>Amount</u>	<u>Hours</u>	<u>Amount</u>	<u>Hours</u>	<u>Amount</u>	<u>Hours</u>	<u>Amount</u>	<u>Hours</u>	<u>Amount</u>
Administration														
Board Meeting Preparation	100	\$8,000.00	-67.5	-\$5,400.00	48.0	\$3.840.00	39.0	\$3,120.00	31.5	\$2,520.00	49.0	\$3.920.00	167.5	\$13.400.00
Annual Reports, Plans, Financial Reports	30	\$2,400.00	30.0	\$2.400.00	0.0	\$0.00 \$0.00	0.0	\$0.00	0.0	\$0.00	40.0 0.0	\$0.00	0.0	\$0.00
Annual Budget Development	15	\$1,200.00	15.0	\$1,200.00	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00
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General Correspondence (Leagal Notices/Public Hearing)	30	\$2,400.00	18.5	\$1,446.00	0.0	\$0.00	1.0	\$80.00	10.5	\$840.00	0.0	\$34.00	11.5	\$954.00
Other Expenses		. ,		-\$119.00		\$119.00		\$0.00				\$0.00		\$119.00
Printing & Postage		<u>\$200.00</u>		<u>\$0.00</u>		<u>\$50.00</u>		<u>\$50.00</u>		\$50.00		\$50.00		<u>\$200.00</u>
Subtotal	175	\$14,200.00	-4.00	-\$473.00	48.0	\$4,009.00	40.0	\$3,250.00	42.0	\$3,410.00	49.0	\$4,004.00	179.0	\$14,673.00
Education and Outreach Assistance														
Website Updates and Maintenance	16	\$1,280.00	-3.0	-\$240.00	8.0	\$640.00	3.0	\$240.00	2.0	\$160.00	6.0	\$480.00	19.0	\$1,520.00
Website Hosting Fee (6 Qtrs @ \$50 Ea)		\$200.00		\$0.00		\$50.00		\$50.00		\$50.00		\$50.00		\$200.00
Landscaping for Clean Water Workshops		\$1,600.00		\$0.00		\$0.00		\$1,600.00		\$0.00		\$0.00		\$1,600.00
Landscaping for Clean Water Design Classes		<u>\$3,200.00</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$3,200.00</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$3,200.00</u>
Subtotal	16	\$6,280.00	-3.00	-\$240.00	8.0	\$690.00	3.0	\$5,090.00	2.0	\$210.00	6.0	\$530.00	19.0	\$6,520.00
Tacknical Assistance Landscaring for Olean Mater														
Technical Assistance Landscaping for Clean Water	10	\$6.000.00		\$4.000.00		\$0.00		\$0.00	4.00	\$1.000.00	4.00	\$1.000.00		\$2.000.00
Landscaping for Clean Water Technical Assistance Landscaping for Clean Water Projects (8 increased to 12)	12 12	\$8,000.00		\$4,000.00 -\$1,000.00		\$0.00 \$0.00		\$0.00 \$0.00	4.00	\$1,000.00	4.00	\$1,000.00		\$2,000.00
Landscaping for Clean Water Projects (o increased to 12)	12	<u>\$3,000.00</u> \$9,000.00		\$3,000.00		\$0.00 \$0.00		\$0.00 \$0.00	4.00	\$2,000.00	4.00	\$2,000.00		\$4,000.00
		φ9,000.00		φ3,000.00		φ 0.00		\$0.00		φ3,000.00		φ3,000.00		\$0,000.00
Totals:	191	\$29,480.00	-7.0	\$2,287.00	56.0	\$4,699.00	43.0	\$8,340.00	44.0	\$6,620.00	55.0	\$7,534.00	198.0	\$27,193.00
		,		7.76%		,		,				,		92.24%



Invoice

Dakota County Soil & Water Conserv ation Dis trict

DATE	INVOICE #
12/30/2020	3055

4100 220th Street West, Ste 102 Farmingto n, MN 55024

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
E-IGH WMO	October - December 2020 ADMINISTRATION: General Administration, Financial Tasks, Board Meeting Coordination (October 20, December 8), General Correspondence, Burnsville Comp Plan Response, Rain Barrel Program Emails, Lower MN WBIF Mtg Preparation and Attendance, Chloride TMDL Research, Plan Amendment Coordination, Review Websites Layout Research for New Ideas, Communication with BWSR on Audit Schedule,	49	80.00	3,920.00
E-IGH WMO	SAFES Entries. Paper, Printing, Postage.		50.00	50.00
	EDUCATION AND OUTREACH ASSISTANCE: Website Updates and Maintenance. Website Hosting Fee (Quarterly). Landscaping for Clean Water Grants Impola, Plehal,McMahon, Wilder Landscaping for Clean Water Grants Technical Assistance Impola, Plehal, McMahon, Wilder	6 4 4	80.00 50.00 250.00 500.00	480.00 50.00 1,000.00 2,000.00
E-IGH WMO	Other ECM Invoice - Public Hearing on Watershed Plan		34.00	34.00
			Total	\$7,534.00





Dakota County Soil & Water Conservation District

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

DATE	INVOICE #
12/30/2020	3015

BILL TO

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

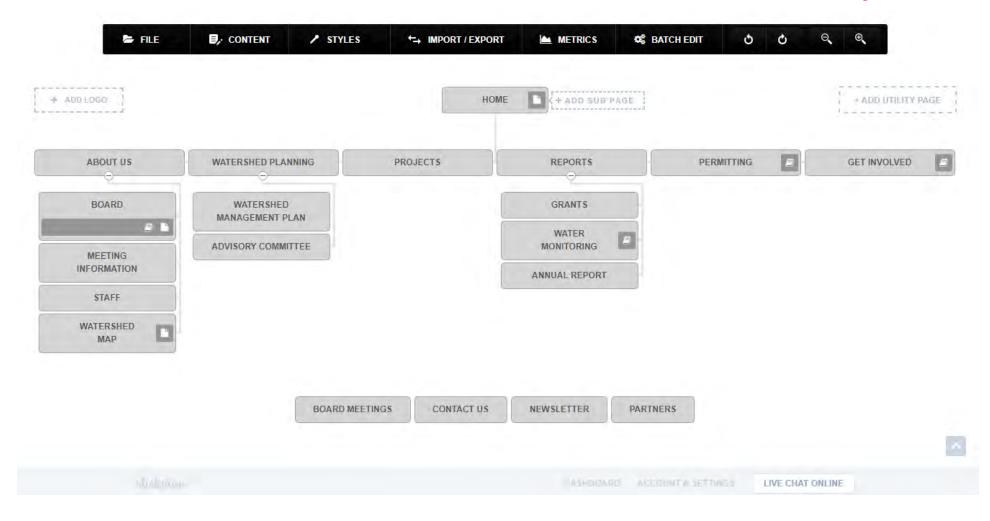
Referer	ice	TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
	Watershed Based Funding Grant April 5 to December 31, 2020			
E-IGH WM	Grant Administration: Review Holland Lake Request for Proposals. Review Holland Lake and Schulze Lake projects. Review Schulze Lake Water Quality and Holland Lake Documentation, Voucher Review. 6.50 Hours at Billable Rate.		483.41	483.41
E-IGH WM	Lake Feasibility Study Share Study and Alum Process with BWSR for White Paper. 2.00 Hours at Billable Rate		148.74	148.74
E-IGH WM	Project Development Presentation at Lebanon Hills on Holland Lake and Schulze Lake Projects. 4.00 Hours at Billable Rate.		297.48	297.48
	12.50 Hours at BWSR Required Billable Rate.			
	Thank you.		Total	\$929.63

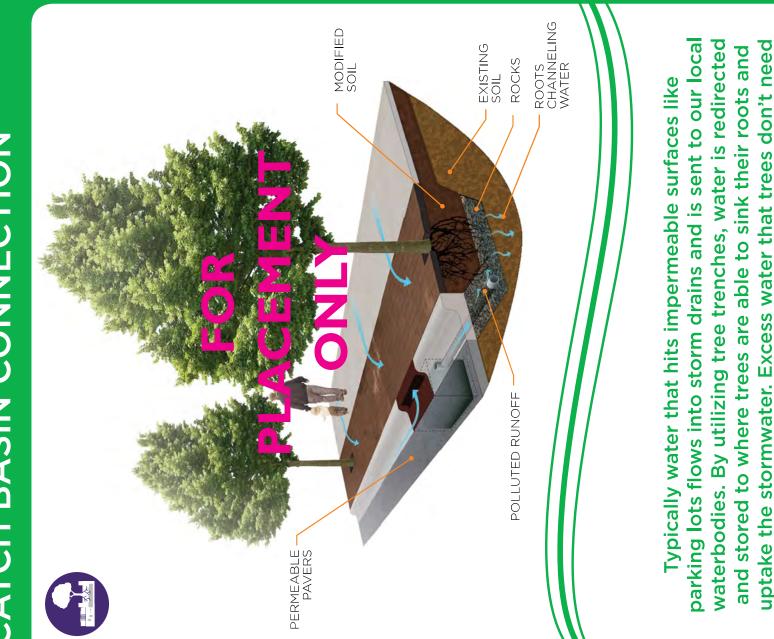
ESTMATED REVENUES Budget 2020 </th <th>E-IGHWMO 2020</th> <th></th> <th></th> <th></th> <th>Actual Revenues</th> <th>S</th> <th></th> <th></th> <th></th> <th></th>	E-IGHWMO 2020				Actual Revenues	S				
Member City Assessments S44,340.00 S44,333.71 Image City Assessments S44,333.71 Invor Grove Heights \$1,285.00 \$1,285.20 Image City Assessments	ESTIMATED REVENUES	Budget								Year-Ends Totals
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Watershed Based Funding Grant S62,080.00 Image Section <		\$44,340.00		\$44,339.71						\$44,339.71
50% initial amount 582,880.00 Image of the probability of theprobability of the probability of the probability of the probabili	Inver Grove Heights	\$1,285.00		\$1,285.29						\$1,285.29
50% initial amount 582,880.00 Image of the probability of theprobability of the probability of the probability of the probabili	Watershed Based Funding Grant									
10% upon grant completion \$12,416.00 Image: Completion S12,416.00 Image: Completion Image: Completion <th< td=""><td></td><td>\$62,080.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$0.00</td></th<>		\$62,080.00								\$0.00
Other S0.00 Image: Standard	40% upon expediture of initial	\$49,664.00								\$0.00
Use of Fund Balance \$7,975.00 Image: Constraint of the state of t	10% upon grant completion	\$12,416.00								\$0.00
TOTAL \$177,760.00 \$0.00 \$45,625.00 \$0.00	Other	\$0.00								\$0.00
TOTAL \$177,760.00 \$0.00 \$45,625.00 \$0.00	Line of Fund Delence	¢7.075.00								¢0.00
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Work Program A. File Annual Activity Report, Finance Report and Audit \$4,500.00 S33,200.00 S B. Publish/Distribute Annual Newsletter or Communication \$300.00 \$220.00 \$290.00 \$2210.00	ESTIMATED EXPENSES	Budget								
A. File Annual Activity Report, Finance Report and Audit \$4,500.00 \$3,200.00 \$3,200.00 \$3,200.00 \$21		0								
B. Publish/Distribute Annual Newsletter or Communication \$300.00 \$220.00 \$690.00 \$290.00 \$210.00 \$210.00 C. Maintain Web Site \$1000.00 \$220.00 \$690.00 \$290.00 \$210.00 \$										
C. Maintain Web Site \$1,000.00 \$220.00 \$690.00 \$290.00 \$210.00 \$210.00 D. Board Education \$500.00 <td></td> <td>. ,</td> <td></td> <td></td> <td></td> <td>\$3,200.00</td> <td></td> <td></td> <td></td> <td>\$3,200.00</td>		. ,				\$3,200.00				\$3,200.00
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E. Implement Watershed Plan			\$220.00	\$690.00		\$290.00		\$210.00		\$1,410.00
1. Support Existing Programs \$18,800.00 \$7,500.00 \$4,800.00 \$3,000.00 \$19.00 2. WMO Education and Outreach Programs \$3,000.00 \$119.00 \$119.00 \$100.00 \$119.00 \$100.00 \$100.00 \$119.00 \$119.00 \$100.00 \$119.00 \$10.00 \$11		\$500.00								\$0.00
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Legal Consulting Services (general) \$500.00				+-,		, , ,		<i>t</i> - <i>j</i>		\$0.00
Administration \$6,208.00 \$62.65 \$721.73 Image: Constraint of the second	Legal Consulting Services (general)									\$0.00
Administration \$6,208.00 \$62.65 \$721.73 Image: Constraint of the second	Watershed Based Funding Grant									
Projects \$117,952.00 \$44,598.00 Image: Constraint of the system State State <thstate< th=""> State State<</thstate<>		\$6,208.00	\$62.65	\$721.73						\$784.38
TOTAL \$177,760.00 \$57,189.90 \$5,420.73 \$0.00 \$11,540.00 \$0.00 \$6,620.00 \$0.00 \$	Projects	\$117,952.00	\$44,598.00	-						\$44,598.00
	Watershed Plan Reserve	\$1,000.00								\$0.00
	TOTAL	¢477 700 00	¢E7 400 00	¢E 400 70	¢0.00	¢44 E40 00	¢0.00	¢0.000.00	¢0.00	¢00 770 00
										\$80,770.63
Balance \$150,349.88 \$93,159.98 \$133,364.25 \$133,364.25 \$121,824.25 \$121,824.25 \$115,204.25 \$115,204.25 \$	Balance	ə 15U,349.88 '	\$93,159.98	\$133,364.25	\$133,364.25	\$121,824.25	\$121,824.25	\$115,204.25	\$115,204.25	-\$35,145.63
1 = 2019 Balance Carry Over	1 = 2019 Balance Carry Over									

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							\$0.00
Inver Grove Heights		\$1,324.00							\$0.00
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							\$0.00
Use of Fund Balance		\$8,300.00							\$0.00
TOTAL		\$117,380.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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						\$530.00
D. Board Education		\$500.00							\$0.00
E. Implement Watershed Plan									
1. Support Existing Programs		\$19,000.00	\$3,000.00						\$3,000.00
2. WMO Education and Outreach Programs		\$3,000.00							\$0.00
Organizational Administration									
Staff Services (general)		\$21,000.00	\$4,004.00						\$4,004.00
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	\$3,202.90	\$929.63						\$929.63
Projects	\$117,952.00	\$73,354.00							\$0.00
Watershed Plan Reserve	\$2,000.00	\$1,000.00							\$0.00
TOTAL		\$131,856.90	\$8,463.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,463.63
Balance		\$115,204.25 ¹	\$106,740.62	\$106,740.62	\$106,740.62	\$106,740.62	\$106,740.62	\$106,740.62	-\$8,463.63
1 = 2020 Balance Carry Over									

V. Website Redesign Review



TREE TRENCH WITH STORMWATER CATCH BASIN CONNECTION **CITY OF EAGAN**



seeps deeper into the ground to be filtered by the layers of

rocks and soil.

Black Dog Watershed Management Organization

EAGAN

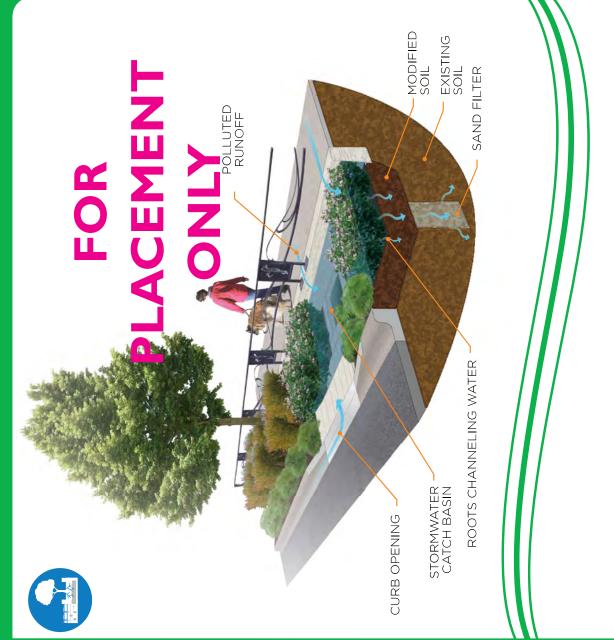
CITY OF EAGAN

TREE TRENCH WITH STORMWATER CATCH BASIN CONNECTION

Typically water that hits impermeable surfaces like parking lots utilizing tree trenches, water is redirected and stored to where trees are able to sink their roots and uptake the stormwater. flows into storm drains and is sent to our local waterbodies. By Excess water that trees don't need seeps deeper into the ground to be filtered by the layers of rocks and soil.



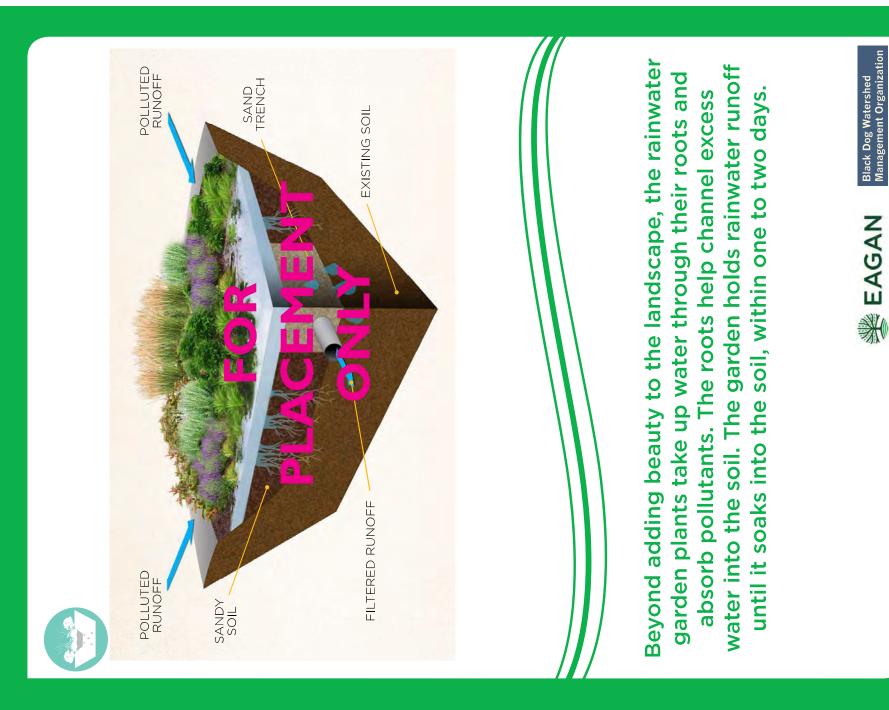
TREE TRENCH AND PERMEABLE PAVER PARKING STALLS CITY OF EAGAN



seeps deeper into the ground to be filtered by the layers of parking lots flows into storm drains and is sent to our local waterbodies. By utilizing tree trenches, water is redirected uptake the stormwater. Excess water that trees don't need and stored to where trees are able to sink their roots and Typically water that hits impermeable surfaces like rocks and soil. Black Dog Watershed Management Organization

EAGAN

CITY OF EAGAN RAIN GARDEN



PERMEABLE PAVER PLAZA CITY OF EAGAN



FOR PLACEMENT ONLY

Black Dog Watershed Management Organization



CITY OF EAGAN CITY HALL CAMPUS STORMWATER MANAGEMENT OVERVIEW

Site issues, city goals, additional information

Note on Connection to Black Dog Water Management Org.

STORMWATER MANAGEMENT **ON-SITE SOLUTIONS INLCUDE:**



PERMEABLE PAVER PLAZA is a great alternative to typical hardscape surface, allowing water to be collected and treated, minimizing polution and run-Off



PERMEABLE PAVER PARKING **STALLS** Provide a stable parking surface that allows rainwater to soak into the ground.

RAIN GARDENS are located throughout the site, collecting water from the parking lots and driveways and redirecting it towards planted basins that treat water as it infiltrates to replenish the ground water supply.

THERE ARE TWO TYPES OF TREE TRENCHES ON SITE

TREE TRENCHES CONNECTED



TO PERMEABLE PAVER **UNDERDRAINS** collect water from parking stalls and infiltrate the subsurface below to provide water directly to trees roots.

TREE TRENCHES CONNECTED TO CATCH BASINS collect water that flows through the parking lot and redirects it to a system of underdrains to provide water to the roots of trees.



Black Dog Watershed EAGAN Management Organization

CITY OF EAGAN

EAGAN

Black Dog Watershed

Management Organization

CITY HALL CAMPUS STORMWATER MANAGEMENT OVERVIEW

Site issues, city goals, additional information

Note on Connection to Black Dog Water Management Org.

STORMWATER MANAGEMENT ON-SITE SOLUTIONS INLCUDE:



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THERE ARE TWO TYPES OF TREE TRENCHES ON SITE

TREE TRENCHES CONNECTED TO PERMEABLE PAVER UNDERDRAINS collect water from parking stalls and infiltrate

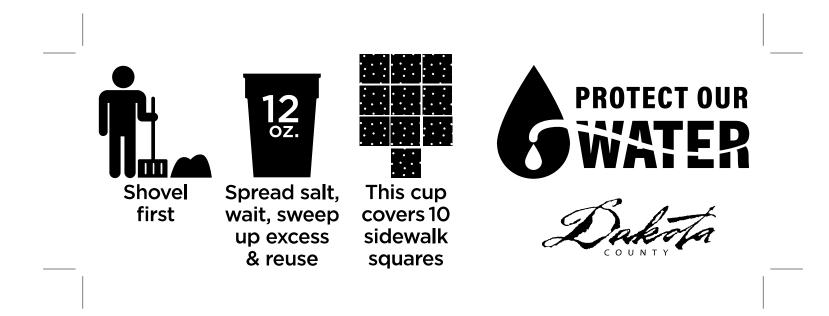


UNDERDRAINS collect water from parking stalls and infiltrate the subsurface below to provide water directly to trees roots.

TREE TRENCHES CONNECTED TO CATCH BASINS collect water that flows through the parking lot and redirects it to a system of underdrains to provide water to the roots of trees.



VII. Smart Salting









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STADIUM CUP - 12 OZ.
Imprint Area: 2 ½"H x 7-7/8"W + FRONT 2 ½"H x 3 ¼"W
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VIII. Draft 2020 Annual Report



Our Mission is...

To oversee member city implementation programs and foster civic engagement within the watershed that promotes citizen participation and responsibility in protecting and improving our water resources.

Inside this issue:

2020 Completed Activities	2
2021 Work Plan	2
2020 Revenues & Expenses	3
2021 Adopted Budget	3
Water Monitoring	4
Get Involved	5
Board of Managers	6
Contact Information	6



2020 Annual Report

What is the E-IGHWMO...?

The Eagan-Inver Grove Heights Watershed Management Organization (E-IGH WMO) is a Watershed Management Organization (WMO) formed in 2014. The WMO is governed by a five-person Board of Managers: three members appointed from Eagan and two from Inver Grove Heights by their respective City Councils. The Organization's purpose is set forth in Minnesota Statutes 103B.210, Metropolitan Surface Water Planning, which codified the Metropolitan Surface Water Management Act of 1982:

- (1) protect, preserve, and use natural surface and groundwater storage and retention systems;
- (2) minimize public capital expenditures needed to correct flooding and water quality problems;
- (3) identify and plan for means to effectively protect and improve surface and groundwater quality;
- (4) establish more uniform local policies and official controls for surface and groundwater management;
- (5) prevent erosion of soil into surface water systems;
- (6) promote groundwater recharge;
- (7) protect and enhance fish and wildlife habitat and water recreational facilities; and
- (8) secure the other benefits associated with the proper management of surface and groundwater.

2020 Activities

- Assessed progress on the 2019-2021 Communication and Outreach Plan and dedicated money in the annual budget for communication and outreach activities.
- Maintained water themed activity bags that are available for check out at libraries in the watershed, and promoted the activity bags in city newsletters and local newspapers.
- Minnesota Water Stewards have worked on projects in the watershed that help promote the goals of the E-IGHWMO and completed projects that improve water quality.
- Supported the Landscaping for Clean Water program, and even though fully virtual due to the pandemic, resulted in the installation of five raingardens and two native plantings.



A newly installed raingarden within the Watershed is already capturing runoff and filtering pollutants. Soon the native plants will grow and provide a beautiful landscape amenity.

- Worked with partners in the Lower Minnesota River Watershed to develop criteria and distribute Metro Watershed Based Implementation Funding.
- Cancelled the rain barrel distribution program due the pandemic but assessed program and future options.
- No CLIMB theater performances due to the pandemic but continue to assess options for in school and community performances.
- Started development of a new E-IGHWMO website and secured a new domain address outside of the Dakota SWCD's website.

2021 Work Plan

- Continue to partner for education with CLIMB Theatre, Landscaping for Clean Water (LCW), and Minnesota Water Stewards (MWS) programs, as feasible due to the pandemic.
- Continue to partner with member cities on Capital Improvement Projects that address water quality and provide neighborhood scale education related to the selected projects.
- Continue to educate managers of the E-IGHWMO as well as other city boards and staff.
- Implement projects funded by the Metro Watershed Based Funding pilot program.



E-IGHWMO and partners continue to adapt and provide education even during the pandemic.

- Implement multiple E-IGHWMO lead programs and activities as outlined in the 2019-2021 Communication and Outreach Plan.
- Review the Communication and Outreach Plan and modify as needed for 2022-2024.

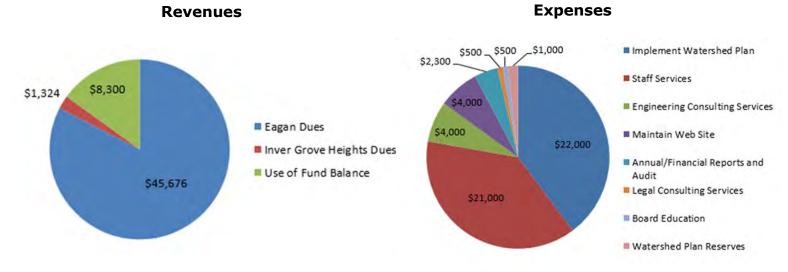
2020 Revenue and Expenses

REVENUES	Budget	Year End
Member City Assessments	¢44.040.00	¢ 4 4 0 40 00
Eagan	\$44,340.00 \$1,285.00	\$44,340.00
Inver Grove Heights	\$1,205.00	\$1,285.00
Grants	\$124,160.00	\$62,080.00
Use of Fund Balance	\$7,975.00	\$0.00
Total	\$177,760.00	\$107,705.00
EXPENSES		
W. 1 B		
Work Program	¢4 500 00	\$3,200.00
Annual Activity, Financial and Audit Report Annual Newsletter or Communication	\$4,500.00 \$300.00	\$3,200.00
Develop and Maintain Website	\$300.00	\$1,410.00
Board Education	\$500.00	\$0.00
Implement Watershed Plan	\$21,800.00	\$15,419.00
	+	
Organizational Administration		
Staff Services (general)	\$20,000.00	\$15,359.25
Engineering and Consulting Services (general)	\$4,000.00	\$0.00
Legal Consulting Services (general)	\$500.00	\$0.00
Grants Administration and Projects	\$124,160.00	\$45,382.38
Watershed Plan Reserve	\$1,000.00	\$1,000.00
Accounts Payable		\$8,463.63
Total	\$177,760.00	\$90,234.26
Balance	\$150,349.88 ¹	\$17,470.74
Total Fund Balance		\$167,820.62



1=Carry-over from 2019

2021 Budget



Revenues



Watershed Plan Update

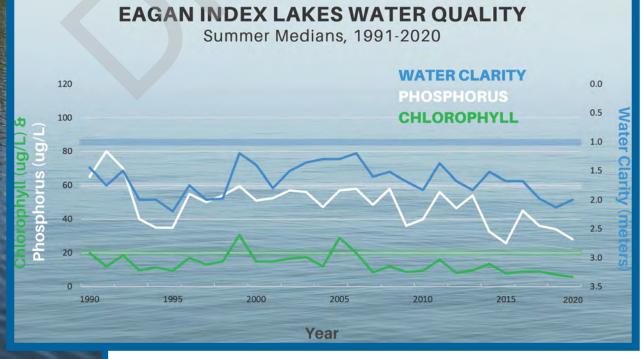
The E-IGHWMO completed a minor amendment to the Comprehensive Watershed Management Plan. The Implementation Section of the Plan was amended to incorporate Capital Improvement Plan (CIP) projects related to water quality that are within member city CIPs. This allows for better alignment of activities that accomplish the Plan goals and makes it possible to seek grant funding for projects.

Water Monitoring

The E-IGHWMO does not conduct any water monitoring on its own. The City of Eagan conducts extensive water monitoring of its lakes and shares water quality information with the Board of Managers and the public.

The graph below represents the historical water clarity, phosphorus and chlorophyll of Eagan's index lakes. The index lakes are 15 lakes in Eagan that are monitored between June and September, and now have 30-years of monitoring data.

The Minnesota Pollution Control Agency (MPCA) has an interactive map on its website that allows you to look at data of a specific lake. Some water quality data is collected by volunteers. Anyone interested in lake monitoring can do so through the MPCA Citizen Water Monitoring Program or the Metropolitan Council Citizen Assisted Monitoring Program (CAMP).



Get Involved!

Landscaping for Clean Water

Through a partnership with Dakota County Soil and Water Conservation District (SWCD) workshops are offered to residents of the Eagan-Inver Grove Heights watershed as well as residents throughout the County. The program went virtual in 2020 due to the pandemic. Residents that registered for the Introduction Class had access to a video. After watching the Introduction, residents were able to sign up for a Design Course. The design course gives residents the tools and oneon-one assistance needed to design a native garden, raingarden or shoreline planting. Residents are then eligible to apply for a \$250 grant through the SWCD.



Workshops are offered annually. Courses will be 100% virtual in 2021, but typically begin in February and continue through June. For more details and registration information, visit the Dakota County SWCD website at www.dakotaswcd.org.



Minnesota Water Stewards

The Minnesota Water Stewards program certifies and supports community leaders to install pollution prevention projects that educate community members, reduce pollutants from urban runoff, and allow more water to soak into the ground before running into storm sewer systems.

Modeled after successful Master Gardner programs, volunteer community leaders will participate in a 50-hour program of courses and projects. Certified Minnesota Water Stewards will volunteer 50 hours of community service in the initial year, and at least 25 hours in each subsequent year.

There are currently multiple residents of the E-IGHWMO that are certified or are pursuing certification. If you would like to get involved, more information is available a www.minnesotawaterstewards.org.

MINNESOTA WOTER STEWARDS

Community Leadership for Clean Water

2020 Board of Managers

Monica Foss	Eagan Representative	Manager
Sharon Lencowski	Inver Grove Heights Representative	Vice Chair
Joe Reymann	Eagan Representative	Chair
Sarah Saito	Inver Grove Heights Representative	Manager
Jennifer Workman Jesness	Eagan Representative	Secretary/Treasurer

Contact Information

Mailing Address: 3830 Pilot Knob Rd Eagan, MN 55122

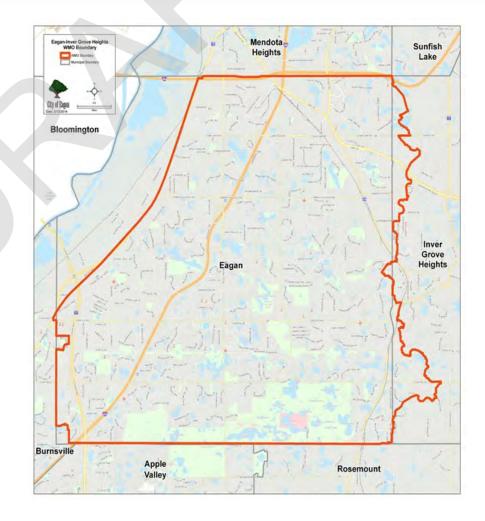
Administrator: Ashley Gallagher Dakota County Soil and Water Conservation District 4100 220th St W Farmington, MN 55024

Phone: (651) 480-7781

Email: ashley.gallagher@ co.dakota.mn.us

Website:

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



Eagan-Inver Grove Heights WMO 2022 BUDGET

2022 BODGET		
	Adopted	Draft
	2021	2022
REVENUE	Budget	Budget
1. Member City Assessments	\$47,000	\$47,000
Eagan	\$45,676	\$45,676
Inver Grove Heights	\$1,324	\$1,324
2. Interest Income	\$0	\$0
3. Use of Fund Balance	\$8,300	\$5,300
TOTAL INCOME	\$55,300	\$52 <i>,</i> 300
EXPENSE		
1. Work Program	\$28,800	\$25,800
A. File Annual Activity Report, Finance Report and Audit	\$2,000	\$2,000
B. Publish/Distribute Annual Newsletter or Communication	\$300	\$300
C. Web Site	\$4,000	\$1,000
D. Board Education	\$500	\$500
E. Implement Watershed Plan		
 Support Existing Programs (LCW, CLIMB, MWS) 	\$19,000	\$19,000
2. WMO Education and Outreach Programs	\$3,000	\$3,000
2. Administrative	\$25,500	\$25,500
A. Staff Services (General)	\$21,000	\$21,000
B. Engineering Consulting Services (General)	\$4,000	\$4,000
C. Legal Consulting Services (General)	\$500	\$500
3. Watershed Plan Reserve	\$1,000	\$1,000 ¹
A. Cummulative Reserve	\$2,000	\$3,000
4. Liability Insurance	\$0	\$0 ²
TOTAL EXPENSE	\$55,300	\$52 <i>,</i> 300
INCOME - EXPENSE	\$0	\$0

¹ = Plan needed by 2024

² = Covered within Eagan's Policy

