



## Board of Managers Meeting Agenda

Wednesday - May 11<sup>th</sup>, 2022 - 3:00 p.m.

Mendota Heights City Hall  
1101 Victoria Curve, Mendota Heights, MN 55118

1. Call Meeting to Order
  - 1.1 Public Comment / Introductions  
Audience members may address the Board regarding items not on the agenda. Please limit to three minutes.
  - 1.2 Approval of Agenda\* (Additions/Corrections/Deletions) Action
2. Approve April 13<sup>th</sup>, 2022 Meeting Minutes - Chair\* Action
3. Approve May 11<sup>th</sup>, 2022 Financial Summary & Invoices - Treasurer\* Action
4. Review Interstate Valley Creek Study Proposals, Select Consultant, and Authorize Execution of Agreements (Consultant and City) - SWCD\*\* Action
5. Watershed Management Plan Update
  - 5.1 Plan Update Status - Barr\* Information
  - 5.2 Recap of Activities Since Last Board Meeting (TAC, CAC meetings) Information
  - 5.3 Review Draft Implementation Table - Barr\* Discussion/Action
  - 5.4 Review Proposed Vision Statement for LMRWMO - Barr\* Discussion/Action
6. Other Updates
  - 6.1 Member City Updates Information
7. Agenda Items for Next Meeting: June 8<sup>th</sup>, 2022 – Inver Grove Heights, Veterans Memorial Community Center – Community Rm 1
  - Joint Powers Agreement Revisions, Audit, Draft Plan Review, Financial Policies
8. Adjourn

\* Materials included in full packet

\*\* Materials available separately on website:

<https://lmrwmo.org/about-us/meeting-information/>



## Board of Managers Meeting Minutes

Wednesday - April 13<sup>th</sup>, 2022 - 3:00 p.m.

Mendota Heights City Hall

### **Managers and Alternates in Attendance:**

Sharon Lencowski, Chair - Inver Grove Heights  
Mary Jeanne Schneeman, Mendota Heights  
Sheila Vanney, West St. Paul  
Shannon Nelson, Sunfish Lake

Karen Reid, Saint Paul  
Tom Sutton, Lilydale  
Jill Smith, Mendota Heights

### **Advisors and Others in Attendance:**

Ryan Ruzek, Mendota Heights  
Pat Murphy, Saint Paul  
Greg Williams, Barr Engineering

Krista Spreiter, Mendota Heights  
Melissa King, BWSR  
Joe Barten, Dakota County SWCD

#### **1. Call Meeting to Order**

##### **1.1 Public Comment / Introductions**

Audience members may address the Board regarding items not on the agenda.

##### **1.2 Approval of Agenda\* (Additions/Corrections/Deletions)**

**Motion** by Schneeman to approve the agenda, second by Reid; motion passed.

#### **2. Approve March 9<sup>th</sup>, 2022 Meeting Minutes**

**Motion** by Nelson to approve the previous meeting minutes, second by Schneeman; motion passed.

#### **3. Approve April 13<sup>th</sup>, 2022 Financial Summary & Invoices**

Spreiter provided a summary of the financial information.

**Motion** by Reid to approve the financial summary, second by Vanney; motion passed.

#### **4. LRMWMO Joint Powers Agreement (JPA) Update**

Barten provided background on the need to update the JPA due to expiration. Joel Jamnik provided additional background on the JPA and update process. Jamnik note that he can combine the various JPA elements and digitize into one version for future review by the LMRWMO Board.

**Motion** by Reid to direct the LMRWMO Legal Counsel to draft a simplified, combined, and digitized version of the JPA for future review and modification by the LMRWMO Board, second by Schneeman; motion passed.

#### **5. Review and Approve Submittal of Draft LMRWMO Annual Report and Attachments**

Barten summarized the information in the annual report. He noted that he anticipates this will be the last year to create the newsletter, as the annual report can serve as the required communication piece in future years and the WMO can work to an e-newsletter in the future. Vanney noted a typo on page 6.

**Motion** by Vanney to authorize the LMRWMO Administrator to submit the annual report to the State Board of Water and Soil Resources, second by Nelson; motion passed.

#### **6. Review Comments to City of Mendota Local Water Plan and Authorized Barr Engineering to Prepare and Send Plan Review Comment Letter**

Williams summarized the information in the packet.

**Motion** by Vanney to direct Barr Engineering to send the comment letter to the City of Mendota, second by Schneeman; motion passes.

#### **7. Review & Approve Chloride Training Translator Scope & Agreement**

Williams summarized the information in the packet and asked for feedback and potential approval from the Board to execute an agreement with All in One Translation Services.

**Motion** by Reid to authorize the LMRWMO Board Chair to execute an agreement with All in One Translation Services that includes the scope of work in the meeting packet, second by Schneeman; motion passes.

#### **8. Review Interstate Valley Creek Study Request for Proposals (RFP) and Authorize Administrator to Seek Proposals from Consultants**

Barten asked for feedback on the RFP and noted that he had coordinated with City of Mendota Heights staff in creation of the scope of work. He suggested creation of a Board committee to review and rank proposals received and provide a recommendation to the full Board at the next meeting.

**Motion** by Vanney to direct the LMRWMO Administrator to seek proposals from qualified consultants per the RFP included in the packet, second by Reid, motion passes

**Motion** by Reid to form a Board committee of volunteer Managers, Alternates, or City Advisors to review and rank proposals and provide a recommendation to the full LMRWMO Board, second by Nelson, motion passes.

**9. Request for Presentation to Rogers Lake Residents with Mendota Heights Staff**

Barten explained that he had been requested to participate in a presentation for Mendota Heights residents on shoreline management and restoration in coordination with City staff, Krista Spreiter. Barten was in support of the presentation and noted it would require around 8 hours of time and could be covered under the general education LMRWMO budget line item. The Board discussed who could attend and whether this presentation could be expanded to a larger audience in the future. There was consensus to go ahead with this presentation by the LMRWMO Administrator in coordination with City of Mendota Heights staff.

**10. Watershed Management Plan Update**

The Board will review the implementation plan in more detail at the next meeting and Barr anticipates having a draft plan for review in June. The Board discussed the vision statement briefly and will discuss again at the next meeting.

**11. Other Updates**

**11.1 MPCA Agreement for Chloride Training**

Barten noted that the simple agreement between the LMRWMO and MN Pollution Control Agency will be executed to note the sharing of information for the project.

**11.2 Member City Updates**

Member City staff provided updates on current or upcoming projects.

**12. Agenda Items for Next Meeting: May 11<sup>th</sup>, 2022**

**13. Meeting adjourned at 5:00 pm**



**FINANCIAL SUMMARY**  
**April 14, 2022 to May 11, 2022**

**Beginning Balance - Key Community Bank** **\$224,154.05**

**Interest**      4/30/2022    April 2022 Interest +      \$10.66

**Deposits**      4/13/2022    Dues: Inver Grove Hts \$50,678.31 & SFL \$2,940.98 +      \$53,619.29

**To be approved at this meeting:**

**Key Community Bank:**

<b>Bank Fee</b>	4/30/2022	April 2022 Paper Statement Fee	-	\$2.00
<b>3748</b>	5/11/2022	Dakota County Soil & Water Conservation District	-	\$33,624.50
<b>3749</b>	5/11/2022	Campbell Knutson	-	\$85.00
<b>3750</b>	5/11/2022	Barr Engineering	-	\$2,225.50
<b>3571</b>	5/11/2022	Bolton & Menk	-	\$2,684.00
			-	

**Available Balance at Key Community Bank** **\$239,163.00**

**Gateway Bank Accounts:**

	<u>Savings</u>			\$71,475.74
<b>Deposits</b>	4/30/2022	April 2022 Interest	+	\$23.50

**Savings Ending Balance** **\$71,499.24**

	<u>Checking</u>			\$1,000.00
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**Checking Ending Balance** **\$1,000.00**

**Available Balance at Gateway Bank** **\$72,499.24**

**Available Balance - Key Community & Gateway Banks** **\$311,662.24**

8694

Check Number: 8694  
Check Date: Apr 5, 2022

Check Amount: \$2,940.98

Discount Taken	Amount Paid
10%	100
20%	200
30%	300
40%	400
50%	500
60%	600
70%	700
80%	800
90%	900
100%	1000

2,940.98

Item to be Paid - Description

2022 DUES

## CITY OF INVER GROVE HEIGHTS

VENDOR: 00552 LOWER MISSISSIPPI RIVER WMO

DATE	INVOICE #	P.O. #
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DESCRIPTION

3/24/2022 2022-01

**Dues for LMRWMO**

03/24/2022

GL#

Chk #: 238784

AMOUNT

50,678.31

441.74.5900.741.50070



53419.29


6A

FROM  
OTHER  
SIDE

\$

PLEASE ENTER TOTAL HERE

Checks and other items are received for deposit subject to the provisions of the Uniform Commercial Code or any applicable collection agreement.

CURRENCY 

☐ COIN  
CHECK I.D.

238 784

8694

50678.31

2940.98

BD106 (1)

**DEPOSIT TICKET**

751688/960

**LOWER MISSISSIPPI RIVER WMO**

125 - 3RD AVENUE NORTH  
SOUTH SAINT PAUL, MN 55075

KEY COMMUNITY BANK

5684 Bishop Ave.  
Inver Grove Heights, MN 55076  
Phone (651) 457-7KEY

Visit us at  
[www.keycommunitybank.com](http://www.keycommunitybank.com)

DATE 4/13/2022

LIST CHECKS SINGLY OR ATTACH LIST

DOLLARS

CENTS



**Dakota County Soil & Water  
Conservation District**

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

# Invoice

DATE	INVOICE #
4/26/2022	3188

BILL TO

Lower Mississippi River WMO  
City of Mendota Heights  
Nancy Bauer  
1101 Victoria Curve  
Mendota Heights, MN 55118

Reference

TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
LMR CWF WBF	FY19 Watershed Based Funding Grant January 1, 2022 to April 2, 2022  GRANT ADMINISTRATION: Grant reporting, coordination with BWSR regarding workplan and scope of work Review grant documents with legal counsel and consultants. (26.00 hours)		2,080.00	2,080.00
LMR CWF WBF	EDUCATION PROGRAMS - PROJECT DEVELOPMENT: Coordinate with Consultants to Prepare Scopes of Work and Agreements with Bolton and Menk, Young Env. Consulting, All In One Translation, and MPCA. (38.00)		3,040.00	3,040.00
LMR CWF WBF	EDUCATION PROGRAMS - STENCILING PROGRAM IMPLEMENTATION:		0.00	0.00
LMR CWF WBF	LAKE AUGUSTA STUDY- PROJECT DEVELOPMENT: Prepare study scope of work. Coordinate with Barr on Study and Agreement Creation. Meeting with Resurrection Cemetery Staff. (38.50 Hours)		3,050.00	3,050.00
LMR CWF WBF	INTERSTATE VALLEY CREEK - PROJECT DEVELOPMENT: Study scope of work, prepare Request For Proposals. (37.00)		2,972.00	2,972.00
	139.50 Hours at BWSR Required Billable Rate.			
			<b>Total</b>	<b>\$11,142.00</b>





# Invoice

## Dakota County Soil & Water Conservation District

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

DATE	INVOICE #
4/26/2022	3187

BILL TO

Lower Mississippi River WMO  
City of Mendota Heights  
Nancy Bauer  
1101 Victoria Curve  
Mendota Heights, MN 55118

Reference

TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
	January - March 2022			
Lower Mississi...	ADMINISTRATION: Board Meeting Coordination and Follow-Up (January 12, February 9, March 9). Annual Report and Newsletter Prepared. Audit Coordination. Dakota Groundwater Collaboration Meeting. Mendota Plan Review. Pine Bend/Interstate Trucking Ravine Erosion Coordination and Consultant Meeting. Ramsey County Service Agreement and West Side Subwatershed Analysis Coordination. Website coordination. Seidl's Shoreline Grant Coordination. Legal Counsel and JPA Updates. WMO Dues.	93.5	85.00	7,947.50
Lower Mississi...	Watershed Management Plan Update	63.5	85.00	5,397.50
Lower Mississi...	Plan Review and Comment, Coordinate with Barr, TAC and CAC Meeting Coordination.			
Lower Mississi...	Printing, Paper, Postage Expense		50.00	50.00
Lower Mississi...	EDUCATION AND OUTREACH: MN Water Stewards Program	10.5	85.00	892.50
Lower Mississi...	General	22.5	85.00	1,912.50
Lower Mississi...	IECA Cherokee Heights and Rogers Lake Presentations, Signage coordination, IDDE Video Coordination.			
Lower Mississi...	Website Updates	4	85.00	340.00
Lower Mississi...	Website Re-Design		4,000.00	4,000.00
Lower Mississi...	Website Hosting 2022 (Includes Security)		965.00	965.00
Lower Mississi...	TECHNICAL ASSISTANCE: Plan Review	0.5	85.00	42.50

Thank you.

**Total**





**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**

Lower Mississippi River WMO  
c/o Nancy Bauer  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights MN 55118

Page: 1  
March 31, 2022  
Account # 601-0000G  
77

RE: GENERAL SERVICES  
RENDERED TO DATE:

			HOURS	
03/18/2022	JJJ	Emails Joe re: review agreement drafts, advise.	0.50	85.00
		AMOUNT DUE	0.50	85.00
		TOTAL CURRENT WORK		85.00
		PREVIOUS BALANCE		\$204.00
		TOTAL AMOUNT DUE		<u>\$289.00</u>

Total Due: \$85.00

Paid \$204.00 in April

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.



# INVOICE

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

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

Mr. Joe Barten  
Lower Mississippi River Water Mgmt. Org.  
c/o Dakota County SWCD  
Suite 102  
4100 220th Street West  
Farmington, MN 55024

May 5, 2022  
Invoice No: 23191476.00 - 1

<b>Total this Invoice</b>	<b>\$154.50</b>
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**Regarding: Lake Augusta Water Quality Improvement and Outlet Feasibility Study**

This invoice is for professional services, which include the following:

- Project setup
- Ordering supplies
- Internal communications and project management

**Professional Services from March 8, 2022 to March 25, 2022**

Job	0001	Lake Augusta Feasibility Study
Task	001	Lake Augusta monitoring

**Labor Charges**

	Hours	Rate	Amount
Engineer / Scientist / Specialist III			
Olson, Terri	.20	155.00	31.00
Technician II			
Melmer, David	1.30	95.00	123.50
	1.50		154.50
<b>Subtotal Labor</b>			<b>154.50</b>
		<b>Total this Invoice</b>	<b>\$154.50</b>

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact Greg Williams, your Barr project manager at 952.832.2945 or email at [gwilliams@barr.com](mailto:gwilliams@barr.com).

Barr declares under the penalties of law that this account, claim or demand is just and no part of it has been paid.

Authorized By: \_\_\_\_\_

Janna Kieffer

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

## Billing Backup

Thursday, May 5, 2022

Barr Engineering Co.

Invoice 1 Dated 5/5/2022

11:32:39 AM

Job 0001 Lake Augusta Feasibility Study

Task 001 Lake Augusta monitoring

### Labor Charges

			Hours	Rate	Amount	
	Engineer / Scientist / Specialist III					
TAO	Olson, Terri	3/23/2022	.20	155.00	31.00	
	COC set-up					
	Technician II					
DJM	Melmer, David	3/14/2022	.60	95.00	57.00	
	sample container order					
DJM	Melmer, David	3/16/2022	.50	95.00	47.50	
	order Level Troll, barotroll --Insu for continuous lake level monitoring					
DJM	Melmer, David	3/23/2022	.20	95.00	19.00	
	WQ Containers orders					
			1.50		154.50	
	<b>Subtotal Labor</b>					<b>154.50</b>
				<b>Task Subtotal</b>		<b>\$154.50</b>
				<b>Job Subtotal</b>		<b>\$154.50</b>
				<b>Total this Project</b>		<b>\$154.50</b>
				<b>Total this Report</b>		<b>\$154.50</b>



# INVOICE

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

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

Ms. Nancy Bauer  
Lower Mississippi River Water Mgmt. Org.  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118

May 5, 2022  
Invoice No: 23190078.00 - 245

Total this Invoice	\$555.00
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## Regarding: Watershed Management Organization

The following invoice is for professional services related to the above project, which include:

- Material preparation for the March 9, 2022 Board of Managers meeting
- Attending March 9, 2022 Board of Managers meeting
- Communicating with LMRWMO Administrator and project management

### Professional Services from February 26, 2022 to March 25, 2022

Job	2020	2020 Engineering Services
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Task	001	Board Meetings
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#### Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist III			
Williams, Sterling	3.30	155.00	511.50
Support Personnel II			
Pinter, Laura	.30	110.00	33.00
	3.60		544.50
<b>Subtotal Labor</b>			<b>544.50</b>
		<b>Task Subtotal</b>	<b>\$544.50</b>

Task	002	Technical Assistance
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#### Labor Charges

	Hours	Rate	Amount
Support Personnel II			
Nypan, Nyssa	.10	105.00	10.50
	.10		10.50
<b>Subtotal Labor</b>			<b>10.50</b>

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

Project	23190078.00	Lower Mississippi River	Invoice	245
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**Task Subtotal** **\$10.50**

**Job Subtotal** **\$555.00**

**Total this Invoice** **\$555.00**

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact your Barr Project Manager, Janna M. Kieffer Phone: 952-832-2785 or E-Mail: [jkieffer@barr.com](mailto:jkieffer@barr.com).

Barr declares under the penalties of law that this account, claim or demand is just and no part of it has been paid.

Authorized By: \_\_\_\_\_



Janna Kieffer

## Billing Backup

Monday, April 25, 2022

Barr Engineering Co. Invoice 245 Dated 4/25/2022 2:02:52 PM

Job 2020 2020 Engineering Services

Task 001 Board Meetings

### Labor Charges

			Hours	Rate	Amount	
Engineer / Scientist / Specialist III						
Engineer / Scientist / Specialist III						
SGW	3 - Williams, Sterling	3/8/2022	.50	155.00	77.50	
Board meeting prep						
SGW	3 - Williams, Sterling	3/9/2022	2.80	155.00	434.00	
prep for and attend baord meeting						
Support Personnel II						
Support Personnel II						
LMP2	9 - Pinter, Laura	3/1/2022	.30	110.00	33.00	
Project support						
			3.60		544.50	
<b>Subtotal Labor</b>						<b>544.50</b>
					<b>Task Subtotal</b>	<b>\$544.50</b>

Task 002 Technical Assistance

### Labor Charges

			Hours	Rate	Amount	
Support Personnel II						
Support Personnel II						
NJN	9 - Nypan, Nyssa	3/1/2022	.10	105.00	10.50	
			.10		10.50	
<b>Subtotal Labor</b>						<b>10.50</b>
					<b>Task Subtotal</b>	<b>\$10.50</b>
					<b>Job Subtotal</b>	<b>\$555.00</b>
					<b>Total this Project</b>	<b>\$555.00</b>
					<b>Total this Report</b>	<b>\$555.00</b>





# INVOICE

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4300 MarketPointe Drive, Suite 200  
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**St Paul, MN 55164-0825**

Mr. Joe Barten  
Lower Mississippi River Water Mgmt. Org.  
c/o Dakota County SWCD  
Suite 102  
4100 220th Street West  
Farmington, MN 55024

May 5, 2022  
Invoice No: 23191436.00 - 17

<b>Total this Invoice</b>	<b>\$1,516.00</b>
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**Regarding: Fourth generation update to the Lower Mississippi River WMO Watershed Management Plan**

The following invoice is for professional services related to the above project, which include:

- Scheduling and preparing materials for the Technical Advisory Committee (TAC) meeting to discuss Plan implementation
- Reviewing visioning exercise and update memorandum for the Board of Managers
- Developing draft implementation schedule for Administrator review
- General communicating with LMRWMO Administrator and project management

**Project Budget  
Status:**

Job	Task	Contract Budget	Previously Billed	Invoice Amount	Total Billed	Balance
ENG - Stakeholder Engagement	1A0	\$ 1,210.00	\$ 2,162.00		\$ 2,162.00	\$ (952.00)
	1B0	\$ 2,930.00	\$ 3,279.00	\$ 198.50	\$ 3,477.50	\$ (547.50)
	1C0	\$ 1,550.00	\$ 898.50		\$ 898.50	\$ 651.50
	1D0	\$ -	\$ -		\$ -	\$ -
	1E0	\$ 3,580.00	\$ -		\$ -	\$ 3,580.00
	1F0	\$ 3,520.00	\$ 818.00		\$ 818.00	\$ 2,702.00
	1G0	\$ 4,880.00	\$ 4,784.00	\$ 77.50	\$ 4,861.50	\$ 18.50
	1H0	\$ 3,170.00	\$ 3,519.50		\$ 3,519.50	\$ (349.50)
PLAN - Prepare Draft Plan	2A0	\$ 6,890.00	\$ 4,820.00		\$ 4,820.00	\$ 2,070.00
	2B0	\$ 6,730.00	\$ 307.50		\$ 307.50	\$ 6,422.50
	2C0	\$ 6,840.00	\$ 7,182.50	\$ 387.50	\$ 7,570.00	\$ (730.00)
	2D0	\$ 7,540.00	\$ -	\$ 852.50	\$ 852.50	\$ 6,687.50
	2E0	\$ 7,710.00	\$ -		\$ -	\$ 7,710.00
REV - Review and Adoption	3A0	\$ 4,240.00	\$ -		\$ -	\$ 4,240.00
	3B0	\$ 3,600.00	\$ -		\$ -	\$ 3,600.00
	3C0	\$ -	\$ -		\$ -	\$ -
	3D0	\$ 5,000.00	\$ -		\$ -	\$ 5,000.00
	3E0	\$ 2,260.00	\$ -		\$ -	\$ 2,260.00
<b>Total</b>		\$ 71,650.00	\$ 27,771.00	\$ 1,516.00	\$ 29,287.00	\$ 42,363.00

Project	23191436.00	LMRWMO 4th Generation Plan	Invoice	17
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# **Professional Services from February 26, 2022 to March 25, 2022**

Job	ENG	Stakeholder Engagement
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Task	1B0	recruit and meet with CAC, TAC
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## **Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	1.00	155.00	155.00	
Support Personnel II				
Nypan, Nyssa	.10	105.00	10.50	
Pinter, Laura	.30	110.00	33.00	
	1.40		198.50	
<b>Subtotal Labor</b>				<b>198.50</b>
			<b>Task Subtotal</b>	<b>\$198.50</b>

Task	1G0	gaps analysis
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## **Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	.50	155.00	77.50	
	.50		77.50	
<b>Subtotal Labor</b>				<b>77.50</b>
			<b>Task Subtotal</b>	<b>\$77.50</b>
			<b>Job Subtotal</b>	<b>\$276.00</b>

Job	PLAN	Prepare Draft Plan
-----	------	--------------------

Task	2C0	review policies and performance stds
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## **Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	2.50	155.00	387.50	
	2.50		387.50	
<b>Subtotal Labor</b>				<b>387.50</b>
			<b>Task Subtotal</b>	<b>\$387.50</b>

Task	2D0	updated targeted implementation
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## **Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	5.50	155.00	852.50	
	5.50		852.50	
<b>Subtotal Labor</b>				<b>852.50</b>
			<b>Task Subtotal</b>	<b>\$852.50</b>
			<b>Job Subtotal</b>	<b>\$1,240.00</b>
			<b>Total this Invoice</b>	<b>\$1,516.00</b>

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact Greg Williams, your Barr project manager at 952.832.2945 or email at [gwilliams@barr.com](mailto:gwilliams@barr.com).

Barr declares under the penalties of law that this account, claim or demand is just and no part of it has been paid.



Authorized By: \_\_\_\_\_

Janna Kieffer

# Billing Backup

Monday, April 25, 2022

Barr Engineering Co. Invoice 17 Dated 4/25/2022 2:10:13 PM

Job	ENG	Stakeholder Engagement
Task	1B0	recruit and meet with CAC, TAC

## Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	3/4/2022	.50	155.00	77.50
schedule TAC meeting and content					
SGW	Williams, Sterling	3/9/2022	.50	155.00	77.50
TAC meetings schedule/prep					
Support Personnel II					
Support Personnel II					
NJN	Nypan, Nyssa	3/1/2022	.10	105.00	10.50
LMP2	Pinter, Laura	3/1/2022	.30	110.00	33.00
Project support					
			1.40		198.50
Subtotal Labor					198.50
Task Subtotal					\$198.50

Task	1G0	gaps analysis
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## Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	3/3/2022	.50	155.00	77.50
	review visioning				
			.50		77.50
<b>Subtotal Labor</b>					<b>77.50</b>
<b>Task Subtotal</b>					<b>\$77.50</b>
<b>Job Subtotal</b>					<b>\$276.00</b>

Job	PLAN	Prepare Draft Plan
Task	2C0	review policies and performance stds

## Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	3/8/2022	2.50	155.00	387.50

Project	23191436.00	LMRWMO 4th Generation Plan	Invoice	17
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edits to policies

2.50

387.50

**Subtotal Labor**

**387.50**

**Task Subtotal**

**\$387.50**

Task 2D0 updated targeted implementation

**Labor Charges**

			Hours	Rate	Amount	
Engineer / Scientist / Specialist III						
	Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	3/23/2022	3.00	155.00	465.00	
	draft implementation table					
SGW	Williams, Sterling	3/24/2022	2.50	155.00	387.50	
	draft implementation table; send to Joe					
			5.50		852.50	
	<b>Subtotal Labor</b>					<b>852.50</b>
				<b>Task Subtotal</b>		<b>\$852.50</b>
				<b>Job Subtotal</b>		<b>\$1,240.00</b>
				<b>Total this Project</b>		<b>\$1,516.00</b>
				<b>Total this Report</b>		<b>\$1,516.00</b>



Real People. Real Solutions.

Please Remit To: Bolton & Menk, Inc.  
 1960 Premier Drive | Mankato, MN 56001-5900  
 507-625-4171 | 507-625-4177 (fax)

Payment by Credit Card Available Online at [www.Bolton-Menk.com](http://www.Bolton-Menk.com)  
 To Ensure Proper Credit, Provide Invoice Numbers with Payment

Lower Mississippi River WMO  
 Joe Barten, Administrator via Dakota SWCD  
[joe.barten@co.dakota.mn.us](mailto:joe.barten@co.dakota.mn.us)  
 Farmington, MN 55024

April 20, 2022  
 Project No: 0X1.127007  
 Invoice No: 0287645  
 Client Account: LMSRWDMO\_WD\_MN

**LMRWMO/Spanish Language Smart Salting****Professional Services from March 18, 2022 to April 1, 2022**

Stakeholder Engagement (001)

**Professional Services**

	Hours	Amount	
Specialist	10.50	1,120.00	
Project Manager	1.00	149.00	
Totals	11.50	1,269.00	
<b>Total Labor</b>			<b>1,269.00</b>
<b>Total this Task</b>			<b>\$1,269.00</b>

Training Program Implementation (002)

**Professional Services**

	Hours	Amount	
Specialist	3.50	315.00	
Senior Project Engineer	5.50	1,100.00	
Totals	9.00	1,415.00	
<b>Total Labor</b>			<b>1,415.00</b>
<b>Total this Task</b>			<b>\$1,415.00</b>
<b>Total this Invoice</b>			<b>\$2,684.00</b>



## MEMORANDUM

**To:** Nancy Bauer  
**From:** Joe Barten, LMRWMO Administrator  
**Subject:** Lower Mississippi River - Financial Actions  
**Date:** April 27, 2022

Enclosed please find the following invoice for payment:

- \$2,684.00 to Bolton & Menk for the FY-2019 Watershed Based Implementation Funding Spanish Chloride Education project.

Thank you and please contact me with any questions.

Joe Barten  
Administrator via Dakota County SWCD  
Lower Mississippi River Watershed Management Organization

**Enclosed:** Bolton & Menk Invoice



LMRWMO 2022 Budget & Financial Summary													2022 Monthly Revenue		
Revenue	Budget	Dec 9, 2021 - Jan 12, 2022	Jan 13 - Feb 9 2022	Feb 10 - Mar 9 2022	Mar 10 - April 13 2022	April 14 - May 11 2022	May 12 - June 8 2022	June 9 - July 13 2022	July 14 - Aug 10 2022	Aug 11 - Sept 14 2022			2022 Total	Variance	Percent Received
Dues from Members	\$115,735.00				\$62,116.27	\$53,619.29							\$115,735.56	(\$0.56)	100%
Interest	\$600.00	\$33.70	\$33.56	\$30.16	\$39.24	\$34.16							\$170.82	\$429.18	28%
LMCIT Rebate	\$500.00	\$920.00											\$920.00	(\$420.00)	184%
Combined Grant Income	\$131,975.00												\$0.00	\$131,975.00	0%
Subtotal Operating Revenue	\$248,810.00	\$953.70	\$33.56	\$30.16	\$62,155.51	\$53,653.45	\$0.00	\$0.00	\$0.00	\$0.00			\$116,826.38		
Grant Income	\$131,975.00														
2022 Monthly Expenses															
Expenses	Budget	Dec 9, 2021 - Jan 12, 2022	Jan 13 - Feb 9 2022	Feb 10 - Mar 9 2022	Mar 10 - April 13 2022	April 14 - May 11 2022	May 12 - June 8 2022	June 9 - July 13 2022	July 14 - Aug 10 2022	Aug 11 - Sept 14 2022			2022 Total	Remaining Budget	Percent Expended
Engineering/Technical Assistance															
Technical Assistance	\$5,500.00	\$156.00	\$411.00	\$697.50	\$110.50	\$53.00							\$1,428.00	\$6,000.00	26%
Meetings	\$6,000.00	\$300.00	\$750.00	\$341.00	\$542.50	\$544.50							\$2,478.00	\$6,500.00	41%
Watershed Plan Amendment	\$40,000.00	\$1,845.00	\$1,038.00	\$1,362.50	\$3,706.00	\$6,913.50							\$14,865.00	\$25,135.00	37%
Project Planning/Implementation															
Plan Implementation	\$5,000.00												\$0.00	\$5,000.00	0%
Landscaping for Clean Water Projects	\$12,000.00		\$4,500.00										\$4,500.00	\$7,500.00	38%
Water Monitoring <sup>4</sup>	\$22,000.00	\$2,660.00	\$2,115.75			\$935.00							\$5,710.75	\$16,289.25	26%
Ramsey County Subwatershed Analysis <sup>2</sup>	\$4,250.00												\$0.00	\$4,250.00	0%
Grant Matching Funds	\$4,640.00					\$3,040.00							\$3,040.00	\$1,600.00	66%
Education															
Landscaping for Clean Water Workshops	\$6,400.00												\$0.00	\$6,400.00	0%
MN Water Stewards Program	\$10,000.00		\$120.00	\$600.00		\$892.50							\$1,612.50	\$8,387.50	16%
Storwater Signage Program	\$2,500.00												\$0.00	\$2,500.00	0%
WMO Tabling/Event Materials	\$500.00												\$0.00	\$500.00	0%
General Education Requests	\$2,000.00					\$1,912.50							\$1,912.50	\$87.50	96%
Metro Watershed Partners	\$1,000.00		\$1,000.00										\$1,000.00	\$0.00	100%
Website Update / Maintenance <sup>3</sup>	\$4,000.00		\$1,380.00			\$5,305.00							\$6,685.00	(\$2,685.00)	167%
Board Education	\$500.00												\$0.00	\$500.00	0%
Administration															
General Administration	\$36,000.00	\$2.00	\$5,252.00	\$2.00	\$61.83	\$7,999.50							\$13,317.33	\$22,682.67	37%
Insurance	\$2,500.00												\$0.00	\$2,500.00	0%
Attorney and Audit	\$5,000.00				\$204.00	\$85.00							\$289.00	\$4,711.00	6%
Subtotal Operating Expenses	\$169,790.00	\$4,963.00	\$16,566.75	\$3,003.00	\$4,624.83	\$27,680.50	\$0.00	\$0.00	\$0.00	\$0.00			\$56,838.08	\$117,857.92	33%
Subtotal Grant Expenses	\$198,324.00	\$5,985.63	\$4,395.83	\$0.00	\$0.00	\$10,940.50	\$0.00	\$0.00	\$0.00	\$0.00			\$21,321.96	\$223,215.84	11%
Overall Fund Balance	\$263,000.97	\$242,071.95	\$239,099.11	\$296,629.79	\$311,662.24	\$311,662.24	\$311,662.24	\$311,662.24	\$311,662.24	\$311,662.24					
Total Grant Balance	\$112,870.37	\$108,474.54	\$108,474.54	\$108,474.54	\$97,534.04	\$97,534.04	\$97,534.04	\$97,534.04	\$97,534.04	\$97,534.04					
LMRWMO Operating Fund Balance	\$150,130.60	\$133,597.41	\$130,624.57	\$188,155.25	\$214,128.20	\$214,128.20	\$214,128.20	\$214,128.20	\$214,128.20	\$214,128.20					
Unencumbered Operating Fund Balance <sup>1</sup>	\$140,130.60	\$123,597.41	\$120,624.57	\$178,155.25	\$204,128.20	\$204,128.20	\$204,128.20	\$204,128.20	\$204,128.20	\$204,128.20					

Carryover Fund Balance from Dec. 8, 2021

\$267,010.27

Anticipated use of Fund Balance in 2022

\$39,955.00

2022 Budget Notes:

1. \$10,000 set aside in 2022 for 2033 Watershed Plan Update, will add \$5,000 annually to encumbered amount.

2. Is carryover from November 2020 approved expenditure. Budget amended on 3-9-22 due to omission from original 2022 budget.

3. Is carryover from May 2020 approved expenditure. Amended on 3-9-22 due to omission from original 2022 budget.

4. Board approved additional \$13,000 towards Lake Augusta monitoring in 2022 on 3-9-22.

General: Budget is an estimate and will vary depending on changing priorities and grant project progress.

LMRWMO 2022 Grant Budget & Financial Summary															
	Budget	Accumulated Prior to Dec 9, 2021	Dec 9, 2021 - Jan 12, 2022	Jan 13 - Feb 9 2022	Feb 10 - Mar 9 2022	Mar 10 - April 13 2022	April 14 - May 11 2022	May 12 - June 8 2022	June 9 - July 13 2022	July 14 - Aug 10 2022	Aug 11 - Sept 14 2022		Total	Variance	Percent Received/ Expended
<b>BWSR - FY 2019 Watershed Based Implementation Funding</b>															
<b>Revenue</b>															
BWSR FY-2019 WBIF Payment	\$144,670.00	\$72,335.00											\$72,335.00	\$72,335.00	50%
WBIF Matching Funds	\$59,640.00												\$0.00	\$59,640.00	0%
Total Revenue	\$204,310.00	\$72,335.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$72,335.00	\$131,975.00	35%
<b>Expenses</b>															
Grant Administration	\$8,000.00	\$497.43					\$2,080.00						\$2,577.43	\$5,422.57	32%
Education Program Implementation	\$36,000.00	\$1,899.87		\$492.64			\$2,684.00						\$5,076.51	\$30,923.49	14%
Education Program Project Dev.	\$4,670.00	\$913.75		\$3,258.97									\$4,172.72	\$497.28	89%
Education Program Project Dev. Match (WMO)	\$4,640.00						\$3,040.00						\$3,040.00	\$1,600.00	66%
Interstate Valley Creek Project Dev.	\$4,000.00	\$339.96					\$2,972.00						\$3,311.96	\$688.04	83%
Interstate Valley Creek Study	\$44,000.00												\$0.00	\$44,000.00	0%
Interstate Valley Creek Study Match	\$25,000.00												\$0.00	\$25,000.00	0%
Lake Augusta Project Development	\$4,000.00	\$2,334.62		\$644.22			\$3,050.00						\$6,028.84	(\$2,028.84)	151%
Lake Augusta Study	\$44,000.00						\$154.50						\$154.50	\$43,845.50	0%
Lake Augusta Study Match	\$30,000.00												\$0.00	\$30,000.00	0%
Total Expenses	\$204,310.00	\$5,985.63	\$0.00	\$4,395.83	\$0.00	\$0.00	\$13,980.50	\$0.00	\$0.00	\$0.00	\$0.00		\$24,361.96	\$179,948.04	12%
FY-19 WBIF Balance		\$66,349.37	\$66,349.37	\$61,953.54	\$61,953.54	\$61,953.54	\$47,973.04	\$47,973.04	\$47,973.04	\$47,973.04	\$47,973.04		\$47,973.04		
<b>BWSR - FY 2021 Watershed Based Implementation Funding</b>															
<b>Revenue</b>															
BWSR FY-2021 WBIF Payment	\$93,042.00	\$46,521.00											\$46,521.00	\$46,521.00	50%
WBIF Matching Funds	\$9,304.00												\$0.00	\$9,304.00	0%
Total Revenue	\$102,346.00	\$46,521.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$46,521.00	\$55,825.00	45%
<b>Expenses</b>															
Grant Administration	\$10,042.00												\$0.00	\$10,042.00	0%
Erosion & Direct Drainage Study	\$71,000.00												\$0.00	\$71,000.00	0%
Erosion & Direct Drainage Study Match (WMO)	\$9,304.00												\$0.00	\$9,304.00	0%
Project Development	\$12,000.00												\$0.00	\$12,000.00	0%
Total Expenses	\$102,346.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$102,346.00	0%
FY-21 WBIF Balance		\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00	\$46,521.00		\$46,521.00		
<b>MN DNR - Seidls Lake Shoreline LCCMR Grant</b>															
<b>Revenue</b>															
Grant Reimbursement Payments	\$382,000.00												\$0.00	\$382,000.00	0%
Matching funds	\$75,000.00												\$0.00	\$75,000.00	0%
Total Revenue	\$457,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$457,000.00	0%
<b>Expenses</b>															
Grant Administration/Project Mgmt	\$26,000.00												\$0.00	\$26,000.00	0%
Construction	\$356,000.00												\$0.00	\$356,000.00	0%
Engineering - Construction Docs	\$37,500.00												\$0.00	\$37,500.00	0%
Engineering - Const. Mgmt, Permits, Bids	\$37,500.00														
Total Expenses	\$457,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$419,500.00	0%
Seidls Lake Shoreline Balance		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		
	Budget	Accumulated Prior Years	Dec 9, 2021 - Jan 12, 2022	Jan 13 - Feb 9 2022	Feb 10 - Mar 9 2022	Mar 10 - April 13 2022	April 14 - May 11 2022	May 12 - June 8 2022	June 9 - July 13 2022	July 14 - Aug 10 2022	Aug 11 - Sept 14 2022		Total	Variance	Percent Received/ Expended
TOTAL GRANT FUNDS RECEIVED	\$763,656.00	\$118,856.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$118,856.00	\$644,800.00	16%
PASS THROUGH MATCH RECEIVED	\$130,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$143,944.00	0%
LMRWMO MATCH PROVIDED	\$13,944.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,040.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,040.00	\$644,800.00	22%
GRANT EXPENSES (MINUS WMO MATCH)	\$749,712.00	\$5,985.63	\$0.00	\$4,395.83	\$0.00	\$0.00	\$10,940.50	\$0.00	\$0.00	\$0.00	\$0.00		\$24,361.96	\$725,350.04	3%
PASS THROUGH MATCH EXPENSES	\$130,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,040.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,040.00	\$126,960.00	2%
NET PASS THROUGH MATCH FUND BALANCE		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$3,040.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		
NET FUND BALANCE (MINUS WMO MATCH)		\$112,870.37	\$112,870.37	\$108,474.54	\$108,474.54	\$108,474.54	\$97,534.04	\$97,534.04	\$97,534.04	\$97,534.04	\$97,534.04		\$94,494.04		

Note: Three Proposals Received posted separately on LMRWMO website due to size limitations

## 4.0 Interstate Valley Creek Study Proposals

### Interstate Valley Creek Study Proposal Review

Subcommittee reviewers: Karen Reid, Pat Murphy, Ryan Ruzek, Krista Spreiter, Joe Barten

		Ranking 1 = (worst response to criteria) and 5 = (best response to criteria) (Rank on a 1-5 scale, do not need to only assign one value per category)		
Review Criteria	Weighting Factor	WSB	Stantec	Barr
Total Hours		534	562	702
Base Cost		\$ 56,529.00	\$ 73,725.00	\$ 75,000.00
Total Cost with Optional Work		\$ 66,298.00	\$ 94,598.00	\$ 91,275.00
Average Hourly Rate (With Optional)		\$ 124.15	\$ 168.32	\$ 130.02
Clarity of proposal	10%			
Overall approach to study and level of detail included.	10%			
Understanding and approach to create a useful and prioritized project list at completion of study.	10%			
Understanding and approach to streambank erosion issue identification and study.	15%			
Understanding and approach to overall watershed study and identification of volume reduction or other stormwater BMPs.	15%			
Project manager and key staff experience in similar studies.	15%			
Cost and evaluation of overall value of services	20%			
Responsiveness and schedule/timeline for study.	5%			
Total Score	100%	0	0	0
<b>Weighted Score</b>		<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Ranking</b>	100%			
<b>Total Rank of Proposal</b>				

Comments:

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# LMRWMO Plan Update – May 2022

## 5.1 Plan Update Status

Phase	Memo Section	Task description	stakeholder engagement						2021												2022											
			managers	TAC	CAC	cities	agencies	public	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
prepare draft plan	NA	aggregate data and update inventory	X			X	X																									
	NA	Board prioritization of issues and resources	X													X	X															
	NA	establish measurable goals	X	X														X	X	X	X											
	NA	review policies and performance standards	X	X		X													X	X	X											
	NA	update targeted implementation program	X	X	X	X															X	X										
	NA	compile draft plan and graphic executive summary	X																			X										
review, revise, and obtain approval	NA	revise plan per board feedback	X																					X								
	NA	conduct formal 60-day review and respond to comments	X			X	X	X																								
	NA	host public meeting	X			X	X	X																					X			
	NA	revise and resubmit plan	X				X																						X			X
	NA	produce and distribute plan	X																													

### Current Tasks:

- Revise implementation schedule
- Finalize Vision
- Finish drafting Plan document

### Upcoming Tasks:

- Internal review of draft Plan
- Formal 60-day review of draft Plan

resourceful. naturally.  
engineering and environmental consultants



## Memorandum

**To:** Lower Mississippi River Watershed Management Organization Board of Managers  
**From:** Greg Williams, PE, Barr Engineering Co.  
**Subject:** Draft implementation program for LMRWMO Watershed Management Plan Update  
**Date:** May 5, 2022  
**Project:** 23191436  
**c:** Joe Barten, LMRWMO Administrator

The Lower Mississippi River Watershed Management Organization (LMRWMO) Board of Managers are in the process of updating the LMRWMO Watershed Management Plan (Plan). The Plan will include a targeted implementation schedule that lays out the programs, activities, and projects to be performed by the LMRWMO, including those performed in cooperation with member cities and other partners.

A working draft of the implementation schedule was included in the April 13, 2022, meeting packet. The attached version has been updated to include target resources/audiences for each activity, updated cost estimates, and sorted according to draft priority within the following six categories:

- Studies
- Projects
- Education and outreach
- Monitoring
- Engineering
- Administration

For ease of review, year-by-year costs are not included in the attached version. Also attached is a 2-page excerpt from the draft Plan that describes the issue priorities and the resource priorities. These resource priorities were considered when prioritizing activities in the implementation schedule.

At the May 11<sup>th</sup> meeting, we will be seeking Board input focusing on (but not limited to):

- Increasing/decreasing the relative priority of activities
- Additional items not included that should be WMO priorities
- Deletion of items that are not considered a WMO priority

Once the Plan is approved by the Board of Water and Soil Resources (BWSR) and adopted by the LMRWMO, the implementation schedule will serve as the basis for all LMRWMO activities and be referenced in annual work planning and budgeting. The implementation schedule may be revised via the Plan amendment process. However, building consensus now around an implementation schedule that is both ambitious and realistic will minimize the need for Plan amendments.

### **Requested Manager Action:**

Review the attached draft implementation schedule and provide input at the May 11, 2022, Board of Managers meeting.



Table 6-1 LMRWMO Implementation Schedule by Year - DRAFT 5/4/2022

Cate- gory	2011 WMO Plan table or other source	2011 Plan ID No	Item ID	Activity	Activity Description	Priority Level	Target Resource/ Audience	Partners	Funding Source	LMRWMO Costs <sup>1</sup>	Estimated Grant/ Partner Funds <sup>2,3</sup>	Total 10-year cost	Notes
Studies	Table 6-3	8	S-1	Mississippi River Direct Drainage Stormwater Management	The LMRWMO will assess all outfalls to the Mississippi River and identify opportunities to reduce floatable trash and sediment reaching the river via stormwater ponds, hydrodynamic separators, or other appropriate BMPs. <b>Already planned and budgeted for.</b>	High	Mississippi River	Cities, Counties	WBIF, General Fund	\$ 10,200	\$ 91,800	\$ 102,000	
	new		S-2	LMRWMO Outfall Monitoring Feasibility Study	The LMRWMO will identify priority outfalls to the Mississippi River for future water quality and/or hydrologic monitoring to better understand pollutant loading to streams and the Mississippi River.	High	Mississippi River	Cities	Grants, General Fund	\$ 5,000	\$ -	\$ 5,000	\$5K assumed as necessary follow-up to 2023 study to evaluate monitoring feasibility
	new		S-3	Thompson Lake Subwatershed Assessment	The LMRWMO will work with the City of West St. Paul to assess the watershed of Thompson Lake and work with public and private landowners to identify stormwater BMPs to reduce pollutants (including phosphorus, sediment, and chloride) entering the Lake.	High	Thompson Lake	West St. Paul	Grants, Partner Funds	\$ -	\$ 25,000	\$ 25,000	
	new		S-4	Ivy Falls Creek Study Erosion and Watershed Study	Evaluate condition of existing grade structures and additional erosion prone areas throughout Ivy Falls Creek and study subwatershed to identify opportunities for volume reduction. <b>In process through this WBIF cycle.</b>	High	Ivy Falls Creek	Cities	Grants, General Fund	\$ 5,000	\$ -	\$ 5,000	\$5K assumed as follow-up in 2023
	new		S-5	Ivy Falls Creek Study Erosion and Watershed Study	Evaluate condition of existing grade structures and additional erosion prone areas throughout Ivy Falls Creek and study subwatershed to identify opportunities for volume reduction. <b>In process through this WBIF cycle.</b>	High	Ivy Falls Creek	Cities	Grants, General Fund	\$ 5,000	\$ -	\$ 5,000	\$5K assumed as follow-up in 2023
	new		S-6	Watershed Wide Hydrologic and Hydraulic Model	Combine City GIS, storm sewer, and subwatershed data to create a comprehensive watershed-wide hydrologic and hydraulic model. Model would be maintained by LMRWMO staff and updated annually (?) and may be used to assess potential project impacts/benefits and for prioritization based on flood risk impacts. <b>Recommend including early in implementation plan to be of most benefit to cities. Cities may ask WMO to do analysis for them on projects.</b>	Medium	Watershed Wide	Cities	Grants, General Fund	\$ 15,000	\$ 135,000	\$ 150,000	Model effort split into H&H and water quality to maximize WBIF funding opportunity
	new		S-7	Watershed Wide Water Quality Model	Build of watershed-wide hydrologic and hydraulic model to develop a watershed-wide water quality model incorporating City BMP data. Model would be maintained by LMRWMO staff and updated annually (?) and may be used to assess potential project impacts/benefits and for prioritization based on pollutant loading. <b>Recommend including early in implementation plan to be of most benefit to cities. Cities may ask WMO to do analysis for them on projects.</b>	Medium	Watershed Wide	Cities	Grants, General Fund	\$ 10,000	\$ 90,000	\$ 100,000	Model effort split into H&H and water quality to maximize WBIF funding opportunity
	new		S-8	LMRWMO Stream/Creek Monitoring Feasibility Study	The LMRWMO will identify optimal locations for issue identification for creeks/streams that outlet to the Mississippi River for future water quality and/or hydrologic monitoring to better understand pollutant loading to streams and the Mississippi River.	Medium	Priority 1 Streams	Cities	Grants, General Fund	\$ 10,000	\$ -	\$ 10,000	
	new		S-9	Ivy Falls Creek Waste Dump Assessment	The LMRWMO will work with the City of St. Paul to evaluate the historic dump site at the outfall of Ivy Falls Creek to Pickerel Lake. Assess potential contamination sources and need for remediation or cleanup at the site. <b>Site located in Dakota County and on St. Paul parks property. PM - can meet with Joe and Parks to get more info on site.</b>	Medium	Ivy Falls Creek	St. Paul, Dakota County	Grants, Partner Funds	\$ -	\$ 25,000	\$ 25,000	
	Mendota Heights Plan		S-10	Rogers Lake Subwatershed Assessment	The LMRWMO will work with the City of Mendota Heights to assess the watershed of Rogers Lake and work with public and private landowners to identify stormwater BMPs to reduce pollutants (including phosphorus, sediment, and chloride) entering the Lake.	Medium	Rogers Lake	Mendota Heights	Grants, Partner Funds	\$ -	\$ 25,000	\$ 25,000	
	new		S-11	Kaposia Creek Daylighting Study	The LMRWMO will work with South St. Paul to evaluate streambank stability, opportunities to reduce pollutant loading in the watershed, and benefits and feasibility of daylighting Kaposia Creek to the Mississippi River.	Low	Kaposia Creek	South St. Paul	Grants, Partner Funds	\$ -	\$ 25,000	\$ 25,000	
	St Paul Plan		S-12	Dodd Road Study	The LMRWMO will work with St. Paul and West St. Paul to update the 2009 study addressing inter-community flows between St. Paul and West St. Paul to incorporate recent modifications and identify opportunities for future improvements.	Low	MS River, Pickerel Lake	St. Paul, West St. Paul	Grants, Partner Funds	\$ -	\$ 25,000	\$ 25,000	
	Table 6-2	14	P-1	Implement small scale stormwater BMPs	Provide financial support and technical assistance for projects providing stormwater management, erosion control, shoreline restoration, and native vegetative habitat. The LMRWMO will fund cost-share grants for small-scale residential projects. Project funding and technical assistance will be administered through the Dakota County SWCD's Landscaping for Clean Water Grant program (or similar program).	High	Watershed Wide	Cities, SWCDs, private landowners	General Fund	\$ 25,100	\$ 100,400	\$ 125,500	Funding based on 2022 budget, increased to reflect anticipated increasing role
	Table 6-1	4	P-2	Mississippi River Direct Drainage Stormwater Projects	The LMRWMO will cooperate with MDNR, Dakota County, Ramsey County, and member cities to implement water quality improvement projects at or downstream of priority Mississippi River outfall locations identified in the LMRWMO's 2022 study or similar assessments. Projects may include ravine stabilization/restoration, stormwater ponds, hydrodynamic separators, or other practices to reduce floatable trash and/or sediment loads.	High	Mississippi River	Cities, Counties, Agencies	Grants, Partner Funds	\$ -	\$ 200,000	\$ 200,000	
	Table 6-1	3	P-3	Implement stabilization projects along Interstate Valley Creek	The LMRWMO will cooperate with member cities to implement streambank stabilization and improvement projects along Interstate Valley Creek (e.g., at Marie Avenue)	High	Interstate Valley Creek	Cities	Grants, Partner Funds	\$ -	\$ 100,000	\$ 100,000	
	Table 6-1	5	P-4	Implement stabilization projects along Ivy Falls Creek	The LMRWMO will cooperate with member cities to implement streambank stabilization and improvement projects along Ivy Falls Creek (e.g., at Thompson Avenue, Delaware Avenue)	High	Ivy Falls Creek	Cities	General Fund	\$ -	\$ 100,000	\$ 100,000	
	new		P-5	Implement stormwater management and/or shoreline improvement projects at Lake Augusta	The LMRWMO will work with the City of Mendota Heights to implement projects to improve the water quality of Lake Augusta. Projects may include those identified in the Lake Augusta feasibility study and/or other investigations.	High	Lake Augusta	City of Mendota Heights	Grants, Partner Funds	\$ -	\$ 200,000	\$ 200,000	

Table 6-1 LMRWMO Implementation Schedule by Year - DRAFT 5/4/2022

Cate- gory	2011 WMO Plan table or other source	2011 Plan ID No	Item ID	Activity	Activity Description	Priority Level	Target Resource/ Audience	Partners	Funding Source	LMRWMO Costs <sup>1</sup>	Estimated Grant/ Partner Funds <sup>2,3</sup>	Total 10-year cost	Notes
Projects	new		P-6	Thompson Lake Watershed BMPs	Implement BMPs identified in the Thompson Lake watershed to reduce pollutants entering Thompson Lake.	High	Thompson Lake	West St. Paul	Grants, Partner Funds	\$ -	\$ 150,000	\$ 150,000	
	new		P-7	Seidls Lake Improvements	The LMRWMO will work with the Cities of Inver Grove Heights and South St. Paul to implement projects to improve the water quality of Seidls Lake. Projects may include those identified in the Seidls Lake feasibility study and/or other investigations. In process at time of Plan update.	High	Seidls Lake	South St. Paul, Inver Grove Heights	Grants, Partner Funds	\$ -	\$ -	\$ -	
	new		P-8	Implement targeted medium to large scale stormwater BMPs	Provide financial support for voluntary projects providing stormwater management, erosion control, and shoreline/streambank restoration or portions of projects exceeding applicable performance standards. The LMRWMO will providing matching funds in the following amounts. Additional project funding and technical assistance could be administered through the Dakota County SWCD's Conservation Initiative Funding program (\$10,000), or Community Conservation Partnership grant program (\$20,000). Other funding amounts or grant programs to support could be considered. Projects shall be directly benefiting LMRWMO priority level 1 lakes/streams, the Mississippi River, or City-identified priorities (?). Additional discussion needed to clarify types of projects and applicable resources/geography. Ravine South of Bryant Avenue?	Medium	Priority 1 Resources		Grants	\$ 30,500	\$ 274,500	\$ 305,000	
	St. Paul Plan Mendota Heights Plan South St. Paul Plan		P-9	Stormwater BMPs implemented with City street reconstruction projects	The LMRWMO will work with member cities to implement stormwater BMPs constructed as part of street reconstruction/redevelopment projects. Priority is given to intercommunity drainages. Possible locations include: - South St. Paul: Concord Street - Mendota Heights: Sylvandale, Brompton/London, Centerpoint/Commerce, Avanti/Twin Circle, South Plaza Dr/Mendakota Ct - St. Paul: projects in vicinity of Dodd Road, West Side Flats - IGH: ??	Medium	Watershed Wide	Cities	Grants, Partner Funds	\$ -	TBD <sup>2</sup>	TBD <sup>2</sup>	
	new		P-10	Kaposia Creek Daylighting	Implement recommendations of Kaposia Creek watershed and daylighting study.	Medium	Kaposia Creek	South St. Paul	Grants, Partner Funds	\$ -	\$ 100,000	\$ 100,000	
	Mendota Heights Plan		P-11	Rogers Lake Watershed BMPs	Implement BMPs identified in the Rogers Lake watershed to reduce pollutants entering Rogers Lake. Would be pending outcome of study.	Medium	Rogers Lake	Mendota Heights	Grants, Partner Funds	\$ -	\$ 100,000	\$ 100,000	
	St. Paul Plan		P-12	Regional Volume Reduction Project Implementation	City of St. Paul volume reduction study (2014) analyzed public properties (City, County, State, Schools) within St. Paul for suitability of regional stormwater management potential. Project implementation is opportunity based in conjunction with adjacent reconstruction activities. Support from LMRWMO may be warranted for grant applications, agency coordination, etc. LMRWMO priority level may be low-medium based on the opportunistic nature of implementation.	Medium	St. Paul	St. Paul	Grants, Partner Funds	\$ -	\$ 100,000	\$ 100,000	
Education and Public Involvement	Table 6-2	5	ED-1	Maintain Website	The LMRWMO maintains a website. LMRWMO staff and/or partners will post relevant news, educational materials, meeting dates, studies, reports, planning documents, and links to partner websites.	High	All Audiences	Dakota SWCD	General Fund	\$ 27,000	\$ -	\$ 27,000	Costs updated for regular maint. and hosting
	Table 6-2	9	ED-2	Prepare and distribute (twice annually) an electronic newsletter	LMRWMO will contract with educational staff (Dakota SWCD or other) to prepare a email newsletter to be distributed twice annually.	High	All Audiences		General Fund	\$ 22,500	\$ -	\$ 22,500	Removed traditional newsletter, transition to e-newsletter
	Table 6-2	12 (and sub items)	ED-3	Coordinate with member cities to develop and distribute educational information	LMRWMO will continue to maintain membership in the Metro Watershed Partners education consortium (or similar program). LMRWMO staff will coordinate with share educational materials from Metro Watershed Partners that assist Member Cities with accomplishing their MS4 requirements. LMRWMO staff will coordinate with member cities and Dakota SWCD staff to distribute educational information related to water quality issues via partner social media, websites,	High	All Audiences	Cities, Dakota County, Ramsey County, SWCDs	General Fund	\$ 15,000	\$ -	\$ 15,000	includes membership in Metro Watershed Partners
	Table 6-2	12a, 14	ED-4	Workshops for stewardship and stormwater management practices	The LMRWMO will provide financial support to fund the Dakota County SWCD's Landscaping for Clean Water training/workshops (or similar program) to support landowner stormwater management and natural resource stewardship activities.	High	Residents	Cities, Dakota SWCD, Ramsey CD	General Fund	\$ 69,000	\$ -	\$ 69,000	Based on 2022 budget
	Table 6-2, new	12d	ED-5	Coordination with Dakota SCWD and member cities for K-12 programming	LMRWMO staff will coordinate with and/or provide financial support to member cities and/or partner with the Dakota SWCD to develop K-12 water resources educational programming for schools within the LMRWMO.	High	K-12 Students	Cities, Dakota SWCD, Ramsey CD	General Fund	\$ 34,500	\$ -	\$ 34,500	
	Table 6-2	12	ED-6	Stormwater stenciling/signage program	The LMRWMO will implement or support a storm drain stenciling or similar educational signage program to residents, volunteers, or other groups to promote public awareness of resource management and pollution prevention.	Medium	Residents	Cities	General Fund	\$ 25,000	\$ -	\$ 25,000	Based on 2022 budget
	Table 6-2	12a, 12g	ED-7	Engage residents through attendance at public events	LMRWMO staff, Managers, and/or member City staff attend community events to engage residents and provide educational information about the LMRWMO, water and natural resource issues, and best management practices.	Medium	Residents	Cities, Dakota SWCD, Ramsey CD	General Fund	\$ 5,000	\$ -	\$ 5,000	Based on 2022 budget
	Table 6-2	12c	ED-8	Provide multi-lingual education and outreach material and/or training	LMRWMO staff will engage partners to assist in providing multi-lingual communications and educational material and/or water resources training opportunities on a bi-annual basis.	Medium	Residents	Cities, Dakota County	General Fund	\$ 10,000	\$ -	\$ 10,000	
	Table 6-2, new	12	ED-9	Provide chloride reduction training and/or educational materials	LMRWMO staff will engage partners or assist in providing communications and educational material and/or water resources training for chloride reduction on a bi-annual basis. Training may focus on waterbodies with chloride impairments.	Medium	All Audiences	Dakota County	General Fund	\$ 8,500	\$ -	\$ 8,500	
	new		ED-10	Coordinate with partners to identify and support volunteer efforts	LMRWMO staff will work with member cities to identify and facilitate opportunities for volunteers, future, or past Water Stewards to participate in water quality monitoring, and other education opportunities.	Medium	Residents	Cities, Dakota SWCD, Ramsey CD	General Fund	\$ 20,000	\$ -	\$ 20,000	Intended in part to capture "general education requests"



Table 6-1 LMRWMO Implementation Schedule by Year - DRAFT 5/4/2022

Cate- gory	2011 WMO Plan table or other source	2011 Plan ID No	Item ID	Activity	Activity Description	Priority Level	Target Resource/ Audience	Partners	Funding Source	LMRWMO Costs <sup>1</sup>	Estimated Grant/ Partner Funds <sup>2,3</sup>	Total 10-year cost	Notes
	new		ED-11	Educational support of LMRWMO Board	The LMRWMO funds registration and expenses for LMRWMO Board members to pursue training and instruction relevant to the management of water and natural resources and the goals of the LMRWMO.	Medium	Managers		General Fund	\$ 5,000	\$ -	\$ 5,000	Based on 2022 budget
	new		ED-12	Tour of LMRWMO Projects and Resources	Provide a driving tour or boat tour of LMRWMO resources and projects for LMRWMO Board, City Council, City Staff, County, SWCD, and other stakeholders	Medium	City staff, officials		General Fund	\$ 11,000	\$ -	\$ 11,000	
	Table 6-2, new	12, 13	ED-13	Public Educational Materials	Develop and produce educational exhibits and or materials for use by LMRWMO member Cities in accomplishing their MS4 requirements and for public events. Provide resources such as videos or presentations to assist in annual City Staff MS4 training.	Medium	All Audiences	Cities, Dakota SWCD, Ramsey CD	WBIF	\$ 26,000	\$ -	\$ 26,000	Requested for inclusion by MH staff
Monitoring	Table 6-2	16, 17	MN-1	Monitoring of Priority Lakes through Citizen Assisted Monitoring Program	The LMRWMO will fund water quality monitoring of Level-1 Priority lakes via the Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) volunteers. Additional lakes may be monitored on a rolling basis to establish baseline conditions.	High	Priority 1 Lakes	Met Council, Cities	General Fund	\$ 80,000	\$ -	\$ 80,000	
	new		MN-2	Review and update LMRWMO monitoring program	During Plan implementation, the LMRWMO will review its Lake and Stream/Creek monitoring program and make updates, as necessary and based on new impairment and water quality data.	High	Watershed Wide	Met Council, Cities, MPCA	General Fund	\$ 2,000	\$ -	\$ 2,000	
	Table 6-2	9	MN-3	Monitoring reports	The LMRWMO will create annual monitoring reports for public posting on the LMRWMO website for select priority waterbodies.	High	Priority 1 Resources	Met Council, Cities, MPCA	General Fund	\$ 10,000		\$ 10,000	
	Table 6-2	16, 17	MN-4	Monitoring of Interstate Valley Creek	The LMRWMO will create and implement a 4 year plan and network (4 years on, 8 years off) for intensive monitoring of Interstate Valley Creek to identify reaches contributing pollutants and establish baseline stream conditions. Streams may be monitored by volunteers, or more intensely during intervals by consultants.	Medium	Interstate Valley Creek	Cities	General Fund	\$ 34,000	\$ -	\$ 34,000	
	Table 6-2	16, 17	MN-5	Monitoring of Ivy Falls Creek	The LMRWMO will create and implement a 4 year plan (4 years on, 8 years off) for intensive monitoring of Ivy Falls Creek to identify reaches contributing pollutants and establish baseline stream conditions. Streams may be monitored by volunteers, or more intensely during intervals by consultants.	Medium	Ivy Falls Creek	Cities	General Fund	\$ 29,000	\$ -	\$ 29,000	
	Table 6-2	16, 17	MN-6	Monitoring of Kaposia Creek	The LMRWMO will create and implement a 4 year plan (4 years on, 8 years off) for intensive monitoring of Kaposia Creek to identify reaches contributing pollutants and establish baseline stream conditions. Streams may be monitored by volunteers, or more intensely during intervals by consultants.	Medium	Kaposia Creek	Cities	General Fund	\$ 29,000	\$ -	\$ 29,000	Estimated costs reflect first year setup/prep/siting, then three years of monitoring
	Table 6-2	16, 17	MN-7	Monitoring of outfalls to the Mississippi River	Following the identification of priority locations for monitoring, the LMRWMO will fund water quality and/or hydrologic monitoring of selected outfalls to the Mississippi River.	Medium	Mississippi River	Cities	General Fund	\$ 45,000	\$ -	\$ 45,000	
Engineering and Technical Assistance	Table 6-3	Several	EN-1	General Engineering and Technical Assistance	LMRWMO engages its engineering consultant to provide technical assistance, review, analyses, or other services as needed to accomplish implementation tasks not otherwise identified within this table - including project cost allocations based on "allowable flow" and/or "allowable load" methodology. This also includes LMRWMO staff review of City official controls, intercommunity stormwater projects, or others as requested by the LMRWMO Board.	High	Watershed Wide		General Fund	\$ 131,000	\$ -	\$ 131,000	Based on 2022 budget for meetings and technical assistance; separate from current "plan implementation" budget costs"
	Table 6-3	Several	EN-2	Opportunity Project/Study Engineering and Assistance	The LMRWMO remains open to projects, initiatives, studies, grants or other opportunities as they arise, which are unknown at the time of the Watershed Management Plan creation. The LMRWMO budgets funds to allow it to be responsive to emerging opportunities that accomplish the goals of the LMRWMO.	High	Watershed Wide		General Fund	\$ 50,000		\$ 50,000	Separated the \$6,000 per year for plan implementation and lowered to \$5,000.
	Table 6-2	11	EN-3	Review of Local Water Management Plans (LWMPs)	LMRWMO staff will review, comment upon and recommend approval of local water management plans. LMRWMO Board of Managers has the authority to approve local water management plans per MN Rules 8410.	High	Watershed Wide	Cities	General Fund	\$ 15,000	\$ -	\$ 15,000	Anticipated review of City plans ahead of next Comprehensive Plan cycle
	Table 6-3	13	EN-4	LMRWMO Watershed Management Plan update	Approximately 2-3 years before expiration of this plan, the LMRWMO will begin the Plan update process. The LMRWMO may initiate Plan amendments to revise this implementation schedule or other Plan content, as needed.	High	Watershed Wide	Cities, Agencies	General Fund	\$ 104,000	\$ -	\$ 104,000	Assumes two minor plan amendments and update starting in 2030. Show as annual savings amount vs expenditure?
Administration	Table 6-2	6	AD-1	General Administration	Administration includes services of a contracted administrator. The LMRWMO administrator will lead budgeting, preparing agendas and meeting packets, facilitating meeting discussions, correspondence, fielding questions or requests from agencies or residents, annual work planning, and other miscellaneous administration tasks not specifically addressed via other activities in this table.	High	Watershed Wide		General Fund	\$ 320,000	\$ -	\$ 320,000	Based initially on 2022 budget of \$36k less costs for other line items; increase reflects future WBIF and additional implementation items proposed in plan compared to last plan.
	Table 6-2	7, 8	AD-2	Legal, audit, and insurance	This includes fees for legal services, audit services, and annual insurance costs	High	Watershed Wide		General Fund	\$ 75,000	\$ -	\$ 75,000	Based on \$5,000 legal/audit + \$2,500 in 2022 budget
	Table 6-2	1, 9	AD-3	Annual Report to BWSR	Annual reporting to the MN Board of Water and Soil Resources required by MN Rules 8410.0150 and published on LMRWMO website.	High	Watershed Wide		General Fund	\$ 21,000	\$ -	\$ 21,000	
	Table 6-2, new	10	AD-4	Biennial progress review	LMRWMO staff will assess the level of progress achieved on each of the LMRWMO's adopted goals at least biennially (including meeting with City/Dakota SWCD staff). The assessment will consider measurable aspects of each goal (e.g., water quality data), outputs of relevant implementation activities, and qualitative assessment, where appropriate.	High	Watershed Wide	Cities	General Fund	\$ 8,000	\$ -	\$ 8,000	More rigorous evaluation relative to goals; assume first will be more
	Table 6-2, new	10	AD-5	LMRWMO Member City TAC Meeting	LMRWMO and member city staff will meet at least once per year to review LMRWMO implementation and member city activities.	High	Watershed Wide		General Fund				
	Table 6-2	3	AD-6	Review and revise Joint Powers Agreement (JPA)	The LMRWMO operates under a joint powers agreement signed by the member cities. The current agreement will expire January 1, 2023 and will need to be renewed or updated prior to expiration. See Section 12 subd. 1 of JPA. Consider updating, clarifying, simplifying, allowable flow methodology.	High	Watershed Wide	Cities	General Fund	\$ 2,000	\$ -	\$ 2,000	Assuming update to JPA following boundary update/discussion; current JPA expires in 2023
	Table 6-3	11	AD-7	Review WMO boundary relative to the City of Mendota	The LMRWMO will coordinate with the City of Mendota, Lower Minnesota River Watershed District, and BWSR to determine whether the City of Mendota should be included within the jurisdictional boundary of the LMRWMO	High	Mendota	BWSR, LMRWD, City of Mendota	General Fund	\$ 3,000		\$ 3,000	
	Table 6-2	10, 22	AD-8	Grant review and application	LMRWMO staff will monthly review grant opportunities and prepare applications, as appropriate, to fund LMRWMO and/or member City projects. Important grant sources include the MDNR, MPCA, BWSR, and federal sources.	Medium	Watershed Wide	Cities	General Fund	\$ 30,000	\$ -	\$ 30,000	Assumed annual activity

Table 6-1 LMRWMO Implementation Schedule by Year - DRAFT 5/4/2022

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	new		AD-9	Review organizational capacity, funding mechanisms, and member city dues, implementation items and costs	At least once during Plan implementation, the LMRWMO Board will review whether the current funding structure is sufficient to support implementation, is appropriate relative to tax burden, and if changes are necessary, organizational capacity and needs.	Medium	Watershed Wide	Cities	BWSR Grant	\$ 6,000	\$ -	\$ 6,000	Assuming a periodic check during implementation; look at PRAP grants for planning
	new		AD-10	Groundwater planning and coordination	Coordinate and share resources, as appropriate, with Dakota County for groundwater protection; participate in regional groundwater planning efforts/meetings.	Medium	Watershed Wide	Dakota County, MDNR	General Fund	\$ 5,000		\$ 5,000	

Notes:

- (1) Local funding assumed to be provided by City/partners with no direct cost to LMRWMO unless otherwise specified
- (2) LMRWMO may apply for and administer (if fiscal agent) CWF, WBIF, and/or other grant funding to support City cost-share projects
- (3) Grant funding sources include an estimated approximately \$115,000 from WBIF every two years annually; the allocation of WBIF to specific projects will be evaluated bi-annually.

Studies (Partner/Grant funds) <sup>2,3</sup>	NA	\$ 441,800	\$ 441,800	
Studies (WMO funds) <sup>1</sup>	\$ 60,200	NA	\$ 60,200	
Projects (Partners/Grant funds) <sup>2,3</sup>	NA	\$ 1,424,900	\$ 1,424,900	
Projects (WMO funds) <sup>1</sup>	\$ 55,600	NA	\$ 55,600	
Education & Outreach	\$ 278,500	\$ -	\$ 278,500	
Monitoring	\$ 229,000	\$ -	\$ 229,000	
Engineering	\$ 300,000	\$ -	\$ 300,000	
Administration	\$ 470,000	\$ -	\$ 470,000	
Total (WMO)	\$ 1,393,300	\$ -	\$ 1,393,300	
Total (WMO/Partner/Grants)	\$ 2,786,600		\$ 3,260,000	

### 3.2 LMRWMO Issue Prioritization

The LMRWMO Board of Managers participated in a workshop on September 16, 2021 to review issues and identified through stakeholder engagement (see Section 3.1 and Appendix X) and discuss priorities to be addressed in the 2023-2032 Watershed Management Plan. Discussion included identification of broad themes (e.g., water quality) as well as specific issues (e.g., Lake Augusta nutrient impairment). The Board of Managers also acknowledged that while there are many resource concerns in the watershed, focusing LMRWMO activity on priorities is necessary to achieve meaningful action.

Ultimately, the LMRWMO Board of Managers identified the following priorities for this Plan:

Higher Priority Issues	Lower Priority Issues
<ul style="list-style-type: none"><li>▪ <b>Water quality</b>, including:<ul style="list-style-type: none"><li>○ Stormwater runoff quality</li><li>○ In-lake and in-stream water quality</li><li>○ Impaired waters (Lake Augusta, Sunfish Lake)</li><li>○ Chloride management</li><li>○ Mississippi River outfalls and bluff erosion</li></ul></li><li>▪ <b>Education and engagement</b></li><li>▪ <b>Partner collaboration</b>, including:<ul style="list-style-type: none"><li>○ Grant and cost-share projects</li><li>○ Regulatory framework</li></ul></li></ul>	<ul style="list-style-type: none"><li>▪ <b>Flooding and water levels</b></li><li>▪ <b>Groundwater management</b>, including:<ul style="list-style-type: none"><li>○ Drinking water quality</li><li>○ Groundwater conservation</li></ul></li><li>▪ <b>Ecological Health</b>, including:<ul style="list-style-type: none"><li>○ Upland area protections</li><li>○ Invasive species management</li><li>○ Vegetated buffers</li></ul></li></ul>

Specific elements of the above issue topics are discussed in greater detail in the following sections. The LMRWMO Board of Managers will use issue priority levels as a guide for work planning and allocation of funding. Many of the resource issues identified in this Plan are interrelated. Thus, many of the goals, policies, and activities included in this Plan address multiple resource issues.

### 3.3 LMRWMO Priority Waterbodies

There are many ponds, lakes, wetlands, and streams within the LMRWMO. As part of Plan development, the LMRWMO Board of Managers established a waterbody priority framework with consideration for stakeholder input, physical criteria, and water quality and hydrologic factors. Characteristics considered during the prioritization process included:

1. Impairment status (i.e., listed as impaired by MPCA, omitting mercury impairments)
2. Water quality trends and classification as “nearly impaired” or “barely impaired” by MPCA
3. Intercommunity location
4. Intercommunity drainage area
5. Public access
6. Enrollment in Fishing in the Neighborhood (FiN) program managed by MDNR
7. Classification as a deep lake or shallow lake

8. Ecosystem functions (including classification as a “natural development” lake by MDNR and/or subjectively scored)

The characteristics of 29 public waters within the LMRWMO relative to these criteria are included in **Appendix X**. Ultimately, the LMRWMO Board of Managers established a tiered priority framework including as described in Table 3-1. Note that the criteria listed in Table 3-1 are intended as a generally guide for waterbody prioritization – the Board of Managers may adjust individual waterbody priority level based on unique considerations documented on a case-by-case basis.

**Table 3-1 Priority Waterbody Classifications and Criteria**

Priority Level	Description/criteria <sup>1</sup>	LMRWMO Waterbodies
<b>Priority 1A</b>	Includes <b>major streams</b> or lakes with <b>public access</b> that meet one or more of the following <b>water quality criteria</b> : <ul style="list-style-type: none"> <li>• Waterbody is <b>impaired</b> (excluding mercury impairments)</li> <li>• Waterbody is <b>nearly impaired</b></li> <li>• Waterbody is <b>prioritized for protection</b> by the MPCA, or</li> <li>• Waterbody exhibits <b>degrading water quality trend</b> in clarity or total phosphorus</li> </ul>	<ul style="list-style-type: none"> <li>• Mississippi River</li> <li>• Interstate Valley Creek</li> <li>• Ivy Falls Creek</li> <li>• Kaposia Creek</li> <li>• Thompson Lake</li> <li>• Rogers Lake</li> <li>• Seidls Lake</li> </ul>
<b>Priority 1B</b>	Includes lakes meeting priority 1A criteria but <b>lacking public access</b>	<ul style="list-style-type: none"> <li>• Hornbeam Lake</li> <li>• Lake Augusta</li> <li>• Sunfish Lake</li> </ul>
<b>Priority 2</b>	Includes waterbodies not identified as priority 1A or priority 1B that meet at <b>least two</b> of the following criteria: <ul style="list-style-type: none"> <li>• Waterbody has <b>intercommunity drainage area</b></li> <li>• Waterbody has <b>public access</b></li> <li>• Waterbody has <b>high ecosystem value</b></li> <li>• Waterbody is classified as a <b>deep lake</b></li> <li>• Waterbody is included in the MDNR <b>Fishing in the Neighborhood (FiN)</b> program</li> </ul>	<ul style="list-style-type: none"> <li>• Copperfield Pond</li> <li>• Lemay Lake</li> <li>• Ohmans Lake (Marcott)</li> <li>• Pickerel Lake</li> <li>• Rosenberger Lake</li> <li>• Simley Lake</li> </ul>

Note(s):

- (1) Criteria are intended as a guide; the Board of Managers may adjust individual waterbody priority level on a case-by-case basis based on unique waterbody factors.

resourceful. naturally.  
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## Memorandum

**To:** LMRWMO Board of Managers  
**From:** Greg Williams, P.E.  
**Subject:** LMRWMO 4<sup>th</sup> Generation Plan Update – Vision Statement (continued)  
**Date:** May 4, 2022  
**Project:** 23191436.00  
**c:** Joe Barten, LMRWMO Administrator

The Lower Mississippi River Watershed Management Organization (LMRWMO) Board of Managers (Managers) participated in an initial visioning workshop at the May 13, 2020 Manager meeting. The purpose of the workshop was to review the existing LMRWMO vision and begin discussion about potential revisions to the vision. The existing LMRWMO vision reads:

*Water resources and related ecosystems are managed to sustain their long-term health and integrity through member city collaboration and partnerships with other water management organizations with member city citizen support and participation.*

Managers submitted responses to five questions intended to initiate discussion. The questions and responses are presented in Table 1. There was healthy discussion from a number of participants. Some takeaways from the discussion include:

- There was consensus that the vision, although still applicable, should be updated
- There was consensus that collaboration and partnerships are important elements in achieving the LMRWMO's goals
- There was consensus to omit "partnering with other WMOs" from the vision statement
- Some Managers suggested omitting "tactics" (i.e., means to achieve the vision) from the vision statement
- Opinions were mixed about whether the vision should explicitly reference the Mississippi River
- Opinions were mixed about whether the vision should be measurable; discussion of measurability focused on water quality
- Managers acknowledged the balance of human development and natural systems, but were cautious of allusions to pre-developed conditions
- There was some support for a "catchier" vision statement (possibly supported by a more detailed mission and/or goals)

Based on the discussion at the May 13, 2020, Manager meeting, the LMRWMO Administrator and Barr staff developed draft vision statements for consideration by the Managers. Those initial draft vision statements included the following:



1. *Water resources are managed for long-term health and integrity through collaboration, partnerships, and the support of engaged citizens*
2. *Improve the water quality of the Mississippi River, local lakes, and streams through member city and citizen collaboration* (Note: another version includes “groundwater” in the list of resources)
3. *A healthy Mississippi River and watershed through collaboration, education, and coordinated action*
4. *Healthy waters through collaboration, education, and coordinated action*
5. *Collaboration toward a healthy Mississippi River, from rainfall to outfall*
6. *A healthy river for healthy communities, from rainfall to outfall*

Discussion of the draft vision statements was deferred until later in Plan development, and resumed at the April 13, 2022, Manager meeting. Comments received at the April 13, 2022, meeting noted that the resource prioritization process conducted in Fall 2021 identified several high priority water resources in addition the Mississippi River and that a vision statement emphasizing the Mississippi River may downplay the importance of these resources.

With consideration for prior Board of Manager input and input received throughout the 4<sup>th</sup> generation Plan development process, we have drafted the following proposed vision statement:

***Healthy lakes, streams, and River through partnerships, education, and coordinated action***

The proposed vision statement above reflects the resource prioritization process that identified six lakes, three streams, and the Mississippi River as top priorities. The capitalization of “River” is intended to reflect the Mississippi River’s regional significance of the resource without including it as the only named resource. The vision statement also references the overarching strategies of the LMRWMO as identified during the visioning process and reinforced through the development of goals, strategies, policies, and the draft implementation schedule.

**Requested Manager Action:** Consider the proposed vision statement and recommend its inclusion in the 4<sup>th</sup> generation Plan or revision, as needed.

**Table 1. LMRWMO Visioning Survey Responses - May 13, 2020**

No.	Question	Manager 1	Manager 2	Manager 3	Manager 4	Manager 5	Manager 6
1	What would you like your LMRWMO legacy to be? How would you like others to see the LMRWMO?	I would like to be considered a good steward of the funds provided to the LMRWMO by the state of Minnesota and would like to see measurable results from our efforts.	I would like to see the LMRWMO be known for bringing disparate cities together to address water issues on a collaborative, strategic manner. I would like to see LMRWMO be known for strategic thinking regarding water management coupled with a strong educational program to make the general public an active partner in increasing water quality.	Creating attractive landscapes that improve the quality of our water bodies and communities.  Leaving the waters in better condition than when we arrived.  An organization passionate about water quality for the well-being of society.	Improve quality of water bodies and runoff and decrease downstream impacts.  Ensure adequate groundwater levels for future area sustainability	I'd like the LMRWMO legacy to be that it is the premier, evidence-based, progressive leader relative to continuously improving community water quality, management and education. I'd like others to view it as the aforementioned leader with measurable and sustainable results.	I would like to see that the general public are more informed as to what watersheds are about and what they accomplish
2	Would you like the LMRWMO to be a leader? If so, how?	Yes. Would like the LMRWMO to be a visible public advocate for the River and our watershed.	I believe that the LMRWMO is a leader in bringing resources to multi-jurisdictional (political) boundaries for increase water quality for all. But a leader brings not only financial support for specific projects but has community support to address current water quality issues and strategies to respond to future situations.	Being a good example in successful collaboration between citizens and organizations for active participation in water quality BMPs.  Culture shift to natural, native landscapes for the benefit of our waters.	Excellent and leading collaborator among other entities – working together  Note: harder as a WMO with constrained contributions than with a WD	Yes. A progressive leader relative to continuously improving community water quality, management and education; a leader with measurable and sustainable results	I think we should make the public more aware of what the watershed accomplishes. More articles in the media of what we do.
3	Broadly, how should the LMRWMO accomplish its goals?	The LMRWMO should have a broad vision of its mission and work cooperatively with other WMO's, nonprofits (FMR), and government (NP Service, MPCA, etc.). Should continue to stay abreast of new technologies for improving water and environment.	Through developing a strategic plan with an increase emphasis on outreach -- not only on specific projects, but create a roster of ambassadors that can inform their social network and community at large. Also, when planning for the next 10 years, dive into MN demographic information to glean where water impacts will be.	Through strong relationships with partners and stakeholders.  Grant funding.  Increased public awareness/ education and involvement.  Tap into BMPs for businesses – find ways to help them improve with things such as roof run off – where does it go? Many times, I see this just go onto the parking lots.	Use data and benefits to establish priorities  Work with other regulatory and regional entities to produce more effective results	Engage broader funding and community citizen and leadership support to accomplish meaningful goals that create sustainable, positive change	I think we should make the public more aware of what the watershed accomplishes. More articles in the media of what we do.
4	What will the LMRWMO look like in 25 years? What would you like to see in 25 years?	Should continue to advocate for local important issues, but also for important issues on the state, regional, and national levels.	I would like to see a variety of support (informational) groups that can feed questions, concerns, and information to the board. This may be one way to broaden community input and buy-in. This may allow for different generational and ethnic/racial representation to LMRWMO management and direction.	Local citizens eager to participate in BMPs.  Great water quality in local water bodies for everyone's enjoyment and well-being.	Reduce runoff by ____%.  Reduce Phosphates, etc by ____%.  Educate public and engage them to implement best practices	Incremental progress (if continue historical pace).  A WMO that aggressively leads a more coordinated approach to progressive systemic change versus leading specific unrelated projects that although valuable may not offer systemic transformation.	Hopefully we will have made headway in water quality and erosion of soils, bluffs, surface water and groundwater management
5	Imagine 2 or 3 headlines about the LMRWMO. What would you want them to say?	"Local Watershed Agencies Show Measurable Improvement in the Quality of the Mississippi River"  "The MRCCA Leads the Nation in Water Quality and Environmental Improvements"	LRMWMO "project name here" increases water quality into the future.  "Hundreds gathered to support another successful....."	before / after pics of projects and stats on how the project improved the water quality, what that means for citizens, and always a little educational tidbit on how individuals can do their part to help water quality.	LMRWMO achieves best of (any of above goals).	"The LMRWMO is transforming community water quality with game-changing initiatives"  "The LMRWMO is recognized for driving Minnesota's most progressive water management policy and practices"	Mississippi River is at a measurable and remarkable change