



Board of Managers Meeting Agenda

Wednesday - December 14th, 2022 - 3:00 p.m.

**South St. Paul Airport – Fleming Field
Conference Room**

1725 Henry Ave, South St Paul, MN 55075

1. Call Meeting to Order
 - 1.1 Identification of Voting Board Members
 - 1.2 Approval of Agenda* (Additions/Corrections/Deletions) Action
2. Approve November 9th, 2022 Meeting Minutes - Chair* Action
3. Approve December 14th, 2022 Financial Summary & Invoices - Treasurer* Action
4. Discuss and Finalize 2023 Meeting Schedule - SWCD* Action
5. Consider Continuation of Metro Watershed Partners Membership for 2023 and Payment of Annual Membership Dues - SWCD* Action
6. Review Engineers Comments on Lilydale's Surface Water Management Plan Update and Consider Approval of Plan - Barr* Action
7. Review Proposed Work Plan from Dakota County SWCD for Grant Administration and Project Development Services for FY-21 Watershed Based Implementation Grant and Authorize Execution of Joint Powers Agreement by Board Chair - SWCD* Action
8. Watershed Management Plan Update
 - 8.1 Board of Water & Soil Resources Central Region Committee Mtg. - Jan. 5th: 2:30 pm Information
9. Updates & Handouts
 - 9.1 FY-23 Watershed Based Implementation Funding Convene Meeting - SWCD* Information
10. Other Member City Updates
11. Next Meeting
 - 11.1 January 11th, 2022 – South St. Paul Airport
 - 11.2 Current Board Action Items
12. Adjourn

* Materials included in full packet

** Materials available separately on website:

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



Public Hearing and Board of Managers Meeting Minutes

Wednesday - November 9th, 2022 - 3:00 p.m.

City Hall, West St. Paul

Managers and Alternates in Attendance:

Sharon Lencowski (Chair), Inver Grove Heights
Mary Jeanne Scheeman, Mendota Heights
Sheila Vanney, West St. Paul
Tom Sutton, Lilydale
Shannon Nelson, Sunfish Lake

Karen Reid (Vice Chair), Saint Paul
Jill Smith, Mendota Heights
Michael Randle, South St. Paul
Lyle Hanzal, Lilydale
Dan Halvorsen, Sunfish Lake

Advisors and Others in Attendance:

Steve Christopher, MN BWSR
Krista Spreiter, Mendota Heights
Cody Joos, West St. Paul
Laura Zannmiller, Dakota County SWCD
Greg Williams, Barr Engineering

Anne Sawyer, MN BWSR
Pat Murphy, Saint Paul
Paul Merchlewicz, Inver Grove Heights
Jen Dullum, Young Env. Consulting
Joe Barten, Dakota County SWCD

1. Public Hearing on Draft LMRWMO Watershed Management Plan

Williams presented on the plan update. Chair Lencowski opened the floor for comments. There were no public comments received. The public hearing was closed at 3:20 pm.

1. Call Regular Meeting to Order

1.1 Public Comment / Introductions

Audience members may address the Board regarding items not on the agenda. Those present introduced themselves for the benefit of new City staff and BWSR staff in attendance.

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

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

2. Approve October 12th, 2022 Meeting Minutes

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

3. Approve November 9th, 2022 Financial Summary & Invoices

Spreiter provided a summary of the financial information.

Motion by Randle to approve the financial summary, second by Nelson; motion passed.

4. Presentation by Young Environmental Consulting on Education Programming

Dullum provided a presentation on the work done by Young Environmental Consulting as part of the FY-19 Watershed Based Implementation Funding grant. She discussed the print and website water resources educational materials created, storm drain stenciling kit creation. The Board discussed details and provided feedback on the storm drain stenciling program implementation.

5. Watershed Management Plan Update

Williams outlined the responses to comments received from local and state agencies during the 60 day comment period that were included in the packet. The Board discussed the responses and was comfortable submitting them to the commenting agencies.

Motion by Reid to authorize staff to distribute the revised draft Plan for final (90-day), second by Randle; motion passed.

6. Updates & Handouts

6.1 West St. Paul Ordinance Revision: Joos and Williams summarized the information in the packet. Williams will send a letter to the City noting the draft ordinance in compliance with the Draft LMRWMO Watershed Management Plan.

6.2 Watershed Based Implementation Funding Convene Meeting: Barten recapped the first convene meeting for the FY-23 Watershed Based Implementation Funding program and noted that if any LMRWMO Member Cities have projects to propose for use of the \$118,300 in funding, to send those projects to Barten, Joos, and Ruzek. Christopher noted that if Cities have projects they would like included in the LMRWMO plan, to contact Williams as soon as possible.

6.3 City of Lilydale Surface Water Management Plan Revisions: Williams noted that his colleague, who is the consultant engineer for the City of Lilydale, will soon be providing an amendment to the Lilydale Surface Water Management Plan. Williams requested Board authorization to review and provide comment on the revisions, for Board consideration.

Motion by Sutton to authorize Barr to review and comment on the Lilydale Surface Water Management Plan revisions, second by Reid; motion passed.

7. Other Member City Updates

Member City staff provided updates on current or upcoming projects.

8. Agenda Items for Next Meeting

- The next Board meeting is scheduled for December 14th at the South St. Paul Airport

9. Meeting adjourned



FINANCIAL SUMMARY
November 10, 2022 to December 14, 2022

<u>Beginning Balance - Key Community Bank</u>				\$91,358.31
Interest	10/31/2022	October 2022 Interest	+	\$6.06
			+	
Deposits			+	

To be approved at this meeting:

Key Community Bank:

Bank Fee	10/31/2022	Paper Statement Fee	-	\$2.00
3777	12/14/2022	Barr Engineering	-	\$21,365.42
3778	12/14/2022	Dakota County Soil & Water	-	\$25,960.00
3779	12/14/2022	Bolton & Menk	-	\$1,195.00
3880	12/14/2022	wsb	-	\$8,206.25
3881	12/14/2022	Young Environmental Consulting Group	-	\$2,634.00

<u>Available Balance at Key Community Bank</u>	<u>\$32,001.70</u>
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Gateway Bank Accounts:

<u>Savings</u>		<i>Balance</i>		\$71,821.18
Deposits	11-30-2022	November Interest	+	\$98.39
<i>Savings Ending Balance</i>				<u>\$71,919.57</u>
<u>Checking</u>		<i>Balance</i>		\$1,000.00
<i>Checking Ending Balance</i>			-	<u>\$1,000.00</u>

<u>Available Balance at Gateway Bank</u>	<u>\$72,919.57</u>
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<u>Available Balance - Key Community & Gateway Banks</u>	<u><u>\$104,921.27</u></u>
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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

November 6, 2022
Invoice No: 23190078.00 - 252

Total this Invoice	\$1,213.00
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Regarding: Watershed Management Organization

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

- Developing memorandum summarizing applicable water quality and rate control standards (continued)
- Attending September 14, 2022 Board of Managers meeting
- Preparing memorandum and materials for October 12, 2022 Board of Managers meeting
- Communicating with LMRWMO Administrator and project management

Professional Services from September 10, 2022 to October 7, 2022

Job	2020	2020 Engineering Services
Task	001	Board Meetings

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	5.00	155.00	775.00	
Support Personnel II				
Nypan, Nyssa	.60	105.00	63.00	
	5.60		838.00	
Subtotal Labor				838.00
				Task Subtotal
				\$838.00

Task	002	Technical Assistance
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Labor Charges

	Hours	Rate	Amount	
Vice President				
Kieffer, Janna	.10	185.00	18.50	
Engineer / Scientist / Specialist III				
Williams, Sterling	2.30	155.00	356.50	
	2.40		375.00	
Subtotal Labor				375.00
				Task Subtotal
				\$375.00

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	252
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Job Subtotal **\$1,213.00**

Total this Invoice **\$1,213.00**

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.

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

Project	23190078.00	Lower Mississippi River	Invoice	252
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Billing Backup

Sunday, November 6, 2022

Barr Engineering Co.

Invoice 252 Dated 11/6/2022

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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					
Engineer / Scientist / Specialist III					
SGW	3 - Williams, Sterling	9/14/2022	3.50	155.00	542.50
Prep, travel to/from, attend LMRWMO board meeting					
SGW	3 - Williams, Sterling	10/7/2022	1.50	155.00	232.50
memo for packet					
Support Personnel II					
Support Personnel II					
NJN	9 - Nypan, Nyssa	9/11/2022	.40	105.00	42.00
NJN	9 - Nypan, Nyssa	9/12/2022	.20	105.00	21.00
			5.60		838.00
Subtotal Labor					838.00
Task Subtotal					\$838.00

Task	002	Technical Assistance
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Labor Charges

			Hours	Rate	Amount
Vice President					
Vice President					
JMK2	1 - Kieffer, Janna	9/12/2022	.10	185.00	18.50
invoice review					
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	3 - Williams, Sterling	9/12/2022	.80	155.00	124.00
estimate for JPA update					
SGW	3 - Williams, Sterling	9/13/2022	1.50	155.00	232.50
Standard comparison					
			2.40		375.00
Subtotal Labor					375.00
Task Subtotal					\$375.00
Job Subtotal					\$1,213.00
Total this Project					\$1,213.00
Total this Report					\$1,213.00



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4300 MarketPointe Drive, Suite 200
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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

November 6, 2022
Invoice No: 23191436.00 - 23

Total this Invoice	\$1,255.50
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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:

- Reviewing formal comments received during 60-day formal Plan review
- Developing summary of formal review comments for LMRWMO response
- Communicating with LMRWMO Administrator and project management

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	\$ 3,865.00		\$ 3,865.00	\$ (935.00)
	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	\$ 4,861.50		\$ 4,861.50	\$ 18.50
	1H0	\$ 3,170.00	\$ 3,962.00		\$ 3,962.00	\$ (792.00)
PLAN - Prepare Draft Plan	2A0	\$ 6,890.00	\$ 7,647.50		\$ 7,647.50	\$ (757.50)
	2B0	\$ 6,730.00	\$ 2,586.00		\$ 2,586.00	\$ 4,144.00
	2C0	\$ 6,840.00	\$ 8,336.50		\$ 8,336.50	\$ (1,496.50)
	2D0	\$ 7,540.00	\$ 3,999.00		\$ 3,999.00	\$ 3,541.00
	2E0	\$ 7,710.00	\$ 6,995.50		\$ 6,995.50	\$ 714.50
REV - Review and Adoption	3A0	\$ 4,240.00	\$ 1,258.70		\$ 1,258.70	\$ 2,981.30
	3B0	\$ 3,600.00	\$ -	\$ 1,255.50	\$ 1,255.50	\$ 2,344.50
	3C0	\$ -	\$ -		\$ -	\$ -
	3D0	\$ 5,000.00	\$ -		\$ -	\$ 5,000.00
	3E0	\$ 2,260.00	\$ -		\$ -	\$ 2,260.00
Total		\$ 71,650.00	\$ 47,390.20	\$ 1,255.50	\$ 48,645.70	\$ 23,004.30

Professional Services from September 10, 2022 to October 7, 2022

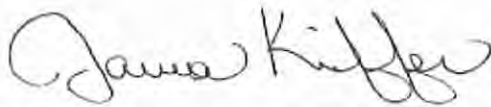
Job	REV	Review and Adoption
Task	3B0	conduct formal 60 day review

Labor Charges

	Hours	Rate	Amount	
Vice President				
Kieffer, Janna	.10	185.00	18.50	
Engineer / Scientist / Specialist III				
Williams, Sterling	7.10	155.00	1,100.50	
Support Personnel II				
Nypan, Nyssa	1.30	105.00	136.50	
	8.50		1,255.50	
Subtotal Labor				1,255.50
		Task Subtotal		\$1,255.50
		Job Subtotal		\$1,255.50
		Total this Invoice		\$1,255.50

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.

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

Sunday, November 6, 2022

Barr Engineering Co.

Invoice 23 Dated 11/6/2022

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Job	REV	Review and Adoption
Task	3B0	conduct formal 60 day review

Labor Charges

			Hours	Rate	Amount
Vice President					
	Vice President				
JMK2	Kieffer, Janna	8/23/2022	.10	185.00	18.50
	invoice review				
Engineer / Scientist / Specialist III					
	Engineer / Scientist / Specialist III				
SGW	Williams, Sterling	9/29/2022	1.50	155.00	232.50
	review schedule with Joe Barten				
SGW	Williams, Sterling	10/6/2022	1.10	155.00	170.50
	review comments				
SGW	Williams, Sterling	10/7/2022	4.50	155.00	697.50
	review comments				
Support Personnel II					
	Support Personnel II				
NJN	Nypan, Nyssa	8/15/2022	.50	105.00	52.50
NJN	Nypan, Nyssa	8/23/2022	.20	105.00	21.00
NJN	Nypan, Nyssa	9/11/2022	.40	105.00	42.00
NJN	Nypan, Nyssa	9/12/2022	.20	105.00	21.00
			8.50		1,255.50
Subtotal Labor					1,255.50
Task Subtotal					\$1,255.50
Job Subtotal					\$1,255.50
Total this Project					\$1,255.50
Total this Report					\$1,255.50



INVOICE

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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

November 1, 2022
Invoice No: 23191476.00 - 8

Total this Invoice	\$5,697.42
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Regarding: Lake Augusta Water Quality Improvement and Outlet Feasibility Study

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

- Completed baseflow stormwater monitoring
- Removed stormwater and lake level monitoring equipment; downloaded electronic data
- Compiling monitoring results and completing quality checks
- Compiling background documents and developing GIS basemapping
- Developing watershed modeling
- Planning for upcoming meeting with lake residents
- Internal communications, invoicing and project management

Task Number	Task	Budget	Current Invoice	Previously Invoiced	Total Billed	Remaining Budget	Percent Billed
1	Lake August Monitoring	\$13,000.00	\$771.73	\$14,949.00	\$15,720.73	(\$2,720.73)	121%
2	Watershed Monitoring	\$18,000.00	\$2,435.69	\$20,111.88	\$22,547.57	(\$4,547.57)	125%
3	Background and GIS Mapping	\$8,000.00	\$1,299.00	\$3,819.00	\$5,118.00	\$2,882.00	64%
4	Watershed modeling	\$9,500.00	\$1,170.00	\$0.00	\$1,170.00	\$8,330.00	12%
5	In-lake modeling	\$8,000.00	\$0.00	\$0.00	\$0.00	\$8,000.00	0%
6	Feasibility analysis/reporting	\$20,000.00	\$0.00	\$110.00	\$110.00	\$19,890.00	1%
7	Meetings/presentation	\$10,000.00	\$21.00	\$1,066.50	\$1,087.50	\$8,912.50	11%
	Total	\$86,500.00	\$5,697.42	\$40,056.38	\$45,753.80	\$40,746.20	

Professional Services from September 10, 2022 to October 7, 2022

Job	0001	Lake Augusta Feasibility Study
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Task	001	Lake Augusta monitoring
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Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist III			
Olson, Terri	1.10	155.00	170.50
Support Personnel II			
Hutson, Jeremy	.30	120.00	36.00
Treanor, Margaret	2.60	120.00	312.00
	4.00		518.50
Subtotal Labor			518.50

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

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	8
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Subconsultant Charges

Subconsultants

9/13/2022	RMB Environmental Laboratories Inc	79.20	
9/23/2022	RMB Environmental Laboratories Inc	79.20	
10/4/2022	RMB Environmental Laboratories Inc	79.20	
Subtotal Subconsultant			237.60

Expense Charges

Travel

10/3/2022	Wilson, Gregory	Mileage	15.63
Subtotal Expenses			15.63

Task Subtotal \$771.73

Task 002 Watershed monitoring

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist II				
Bonick, Christopher	1.50	135.00	202.50	
Technician II				
Melmer, David	11.30	95.00	1,073.50	
Technician I				
Schneider, Anna	2.10	80.00	168.00	
	14.90		1,444.00	
Subtotal Labor				1,444.00

Unit Charges

Depth Sensor/Flow Meter only	14.0 days @ 22.50	315.00	
Depth Sensor/Flow Meter only	10.0 days @ 18.00	180.00	
Environmental Equipment Shelter	7.0 days @ 2.0625	14.44	
Environmental Equipment Shelter	5.0 days @ 1.65	8.25	
Barr Owned Vehicle Use	1.5 days @ 95.00	142.50	
Hand Held Velocity Flow Meter	0.5 days @ 40.50	20.25	
Ice (per bag)	1.0 ea @ 2.50	2.50	
Vehicle (Mileage)	86.0 miles @ 0.625	53.75	
Water Quality Meter (YSI 556 MPS)	1.0 day @ 85.00	85.00	
Confined Space Rescue Retrieval Kit	0.5 days @ 295.00	147.50	
MX4 - O2 LEL H2S & CO 4 Gas Meter	0.5 days @ 45.00	22.50	
Subtotal Units			991.69

Task Subtotal \$2,435.69

Task 003 Background and GIS mapping

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist IV			
Wilson, Gregory	7.10	180.00	1,278.00

Support Personnel II

Nypan, Nyssa

.20

105.00

21.00

7.30

1,299.00

Subtotal Labor

1,299.00

Task Subtotal

\$1,299.00

Task 004 Watershed modeling

Labor Charges

Hours

Rate

Amount

Engineer / Scientist / Specialist IV

Wilson, Gregory

6.50

180.00

1,170.00

6.50

1,170.00

Subtotal Labor

1,170.00

Task Subtotal

\$1,170.00

Task 007 Meetings/presentation

Labor Charges

Hours

Rate

Amount

Support Personnel II

Nypan, Nyssa

.20

105.00

21.00

.20

21.00

Subtotal Labor

21.00

Task Subtotal

\$21.00

Job Subtotal

\$5,697.42

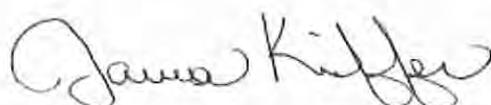
Total this Invoice

\$5,697.42

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.

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

Tuesday, November 1, 2022

Barr Engineering Co.

Invoice 8 Dated 11/1/2022

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Job	0001	Lake Augusta Feasibility Study
Task	001	Lake Augusta monitoring

Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
TAO	Olson, Terri	9/13/2022	.40	155.00	62.00
	Report and log-in review				
TAO	Olson, Terri	9/20/2022	.10	155.00	15.50
	Log-in review				
TAO	Olson, Terri	9/26/2022	.10	155.00	15.50
	Report review				
TAO	Olson, Terri	10/3/2022	.10	155.00	15.50
TAO	Olson, Terri	10/4/2022	.10	155.00	15.50
	Report review				
TAO	Olson, Terri	10/6/2022	.30	155.00	46.50
	Status, report review				
Support Personnel II					
JDH	Hutson, Jeremy	9/22/2022	.30	120.00	36.00
	equipment prep for DJM				
MST	Treanor, Margaret	9/13/2022	1.00	120.00	120.00
	Post 1 chain-of-custody, 1 lab acknowledgement, 3 field reports & 1 lab report in the QC Tracking Database system; file 1 chain-of-custody, 1 lab acknowledgement, 3 field reports, 1 lab report & data emails in the Client project file folders on the P:\drive; file 1 EQUIS EDD in the laboratory file folder on the S:\drive; email COC, field report & lab report datalinks to the project teams.				
MST	Treanor, Margaret	9/27/2022	.60	120.00	72.00
	Post 1 lab report & 2 field reports in the QC Tracking Database system; file 2 chains-of-custody, 1 lab report, 2 field reports & data emails in the Client project file folders on the P:\drive; file 1 EQUIS EDD in the laboratory file folder on the S:\drive; email lab report & field report datalinks to the project teams.				
MST	Treanor, Margaret	10/4/2022	.60	120.00	72.00
	Post 1 lab acknowledgement & 1 lab report in the QC Tracking Database system; file 1 lab acknowledgement, 1 lab report & data email in the Client project file folders on the P:\drive; file 1 EQUIS EDD in the laboratory file folder on the S:\drive; email 1 lab report datalink to the project team.				
MST	Treanor, Margaret	10/5/2022	.40	120.00	48.00
	Post 1 lab report in the QC Tracking Database system; file 1 lab report & data emails in the Client project file folders on the P:\drive; file 1 EQUIS EDD in the laboratory file folder on the S:\drive; email 1 lab report datalink to the project team.				
			4.00		518.50
Subtotal Labor					518.50

Subconsultant Charges

Subconsultants

AP 416556	9/13/2022	RMB Environmental Laboratories Inc / Invoice: B006875, 9/13/2022	79.20
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Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	8
AP	417363	9/23/2022	RMB Environmental Laboratories Inc / Invoice: B007012, 9/23/2022	79.20
AP	417545	10/4/2022	RMB Environmental Laboratories Inc / Invoice: B007148, 10/4/2022	79.20
Subtotal Subconsultant				237.60
				237.60
Expense Charges				
Travel				
EX	0126892	10/3/2022	Wilson, Gregory / Mileage / Site visit / 25.00 miles @ 0.625	15.63
Subtotal Expenses				15.63
				15.63
Task Subtotal				\$771.73

Task	002	Watershed monitoring		
Labor Charges				
			Hours	Rate
				Amount
Engineer / Scientist / Specialist II				
CJB	Bonick, Christopher	9/28/2022	1.50	135.00
	Help DJM remove equipment from monitoring stations.			
Technician II				
DJM	Melmer, David	9/10/2022	.30	95.00
	demob.--no storm event--prep for baseflow grab			
DJM	Melmer, David	9/14/2022	2.70	95.00
	August Baseflow inlet sampling/V-notch maint.			
DJM	Melmer, David	9/24/2022	.70	95.00
	Storm sample/base flow prep			
DJM	Melmer, David	9/25/2022	2.60	95.00
	Baseflow monitoring/site check			
DJM	Melmer, David	9/28/2022	3.00	95.00
	Flow equipment removal: except for weir--will remove at later date			
DJM	Melmer, David	9/29/2022	.80	95.00
	Clean and store all equip/shelters, transfer flow data ,			
DJM	Melmer, David	9/30/2022	.80	95.00
	Flow data--export--save to drive			
DJM	Melmer, David	10/7/2022	.40	95.00
	prep for troll download, lake gage rmoval/ v-notch weir removal			
Technician I				
AES	Schneider, Anna	9/10/2022	1.60	80.00
	Upload data from the following reports into EQuIS: B006804, B006725, B006691, and B006875 as well as field data associated with reports ending in 6691 and 6875			
AES	Schneider, Anna	9/12/2022	.10	80.00
	Upload data from the following reports into EQuIS: B006804, B006725, B006691, and B006875 as well as field data associated with reports ending in 6691 and 6875			
AES	Schneider, Anna	9/16/2022	.40	80.00
	Upload field data associated with report B006804 in EQuIS			
			14.90	1,444.00
Subtotal Labor				1,444.00
Unit Charges				
Depth Sensor/Flow Meter only			14.0 days @ 22.50	315.00
Depth Sensor/Flow Meter only			10.0 days @ 18.00	180.00

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	8
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Environmental Equipment Shelter	7.0 days @ 2.0625	14.44	
Environmental Equipment Shelter	5.0 days @ 1.65	8.25	
Barr Owned Vehicle Use	1.5 days @ 95.00	142.50	
Hand Held Velocity Flow Meter	0.5 days @ 40.50	20.25	
Ice (per bag)	1.0 ea @ 2.50	2.50	
Vehicle (Mileage)	86.0 miles @ 0.625	53.75	
Water Quality Meter (YSI 556 MPS)	1.0 day @ 85.00	85.00	
Confined Space Rescue Retrieval Kit	0.5 days @ 295.00	147.50	
MX4 - O2 LEL H2S & CO 4 Gas Meter	0.5 days @ 45.00	22.50	
Subtotal Units		991.69	991.69
		Task Subtotal	\$2,435.69

Task 003 Background and GIS mapping

Labor Charges

			Hours	Rate	Amount	
Engineer / Scientist / Specialist IV						
GJW	Wilson, Gregory	9/14/2022	.50	180.00	90.00	
GJW	Wilson, Gregory	9/15/2022	.50	180.00	90.00	
GJW	Wilson, Gregory	9/20/2022	.50	180.00	90.00	
GJW	Wilson, Gregory	9/23/2022	1.00	180.00	180.00	
GJW	Wilson, Gregory	9/26/2022	2.90	180.00	522.00	
GJW	Wilson, Gregory	9/27/2022	1.20	180.00	216.00	
GJW	Wilson, Gregory	9/30/2022	.50	180.00	90.00	
Support Personnel II						
NJN	Nypan, Nyssa	9/11/2022	.20	105.00	21.00	
			7.30		1,299.00	
		Subtotal Labor				1,299.00
				Task Subtotal		\$1,299.00

Task 004 Watershed modeling

Labor Charges

			Hours	Rate	Amount	
Engineer / Scientist / Specialist IV						
GJW	Wilson, Gregory	10/3/2022	1.50	180.00	270.00	
GJW	Wilson, Gregory	10/4/2022	4.00	180.00	720.00	
GJW	Wilson, Gregory	10/5/2022	.50	180.00	90.00	
GJW	Wilson, Gregory	10/6/2022	.50	180.00	90.00	
			6.50		1,170.00	
		Subtotal Labor				1,170.00
				Task Subtotal		\$1,170.00

Task 007 Meetings/presentation

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	8
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Labor Charges

			Hours	Rate	Amount	
	Support Personnel II					
NJN	Nypan, Nyssa	9/12/2022	.20	105.00	21.00	
			.20		21.00	
	Subtotal Labor					21.00
				Task Subtotal		\$21.00
				Job Subtotal		\$5,697.42
				Total this Project		\$5,697.42
				Total this Report		\$5,697.42



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

December 5, 2022
 Invoice No: 23191476.00 - 9

Total this Invoice	\$9,806.00
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Regarding: Lake Augusta Water Quality Improvement and Outlet Feasibility Study

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

- Removed and downloaded monitoring results from all stormwater and lake level monitoring equipment
- Compiling monitoring results and completing quality checks
- Compiling background documents and developing GIS basemapping
- Developing watershed and in-lake water & phosphorus mass-balance modeling
- Prepared for/attended meeting with lake residents on October 26, 2022
- Internal communications, invoicing and project management

Task Number	Task	Budget	Current Invoice	Previously Invoiced	Total Billed	Remaining Budget	Percent Billed
1	Lake August Monitoring	\$13,000.00	\$121.00	\$15,720.73	\$15,841.73	(\$2,841.73)	122%
2	Watershed Monitoring	\$18,000.00	\$0.00	\$22,547.57	\$22,547.57	(\$4,547.57)	125%
3	Background and GIS Mapping	\$8,000.00	\$1,344.00	\$5,118.00	\$6,462.00	\$1,538.00	81%
4	Watershed modeling	\$9,500.00	\$4,836.50	\$1,170.00	\$6,006.50	\$3,493.50	63%
5	In-lake modeling	\$8,000.00	\$1,517.50	\$0.00	\$1,517.50	\$6,482.50	19%
6	Feasibility analysis/reporting	\$20,000.00	\$0.00	\$110.00	\$110.00	\$19,890.00	1%
7	Meetings/presentation	\$10,000.00	\$1,987.00	\$1,087.50	\$3,074.50	\$6,925.50	31%
Total		\$86,500.00	\$9,806.00	\$45,753.80	\$55,559.80	\$30,940.20	

Professional Services from October 8, 2022 to November 4, 2022

Job 0001 Lake Augusta Feasibility Study

Task 001 Lake Augusta monitoring

Subconsultant Charges

Subconsultants

10/16/2022 RMB Environmental Laboratories Inc 121.00

Subtotal Subconsultant

121.00

Task Subtotal

\$121.00

Task 003 Background and GIS mapping

Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist I			
Vosejpka, Joshua	12.80	105.00	1,344.00
	12.80		1,344.00

Subtotal Labor

1,344.00

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

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	9
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Task Subtotal \$1,344.00

Task 004 Watershed modeling

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Wilson, Gregory	24.40	180.00	4,392.00	
Engineer / Scientist / Specialist III				
Lindstrom, Brent	1.50	140.00	210.00	
Engineer / Scientist / Specialist II				
Hawley, Josiah	1.40	130.00	182.00	
Support Personnel II				
Nypan, Nyssa	.50	105.00	52.50	
	27.80		4,836.50	
Subtotal Labor				4,836.50
				Task Subtotal \$4,836.50

Task 005 In-lake modeling

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Wilson, Gregory	4.10	180.00	738.00	
Engineer / Scientist / Specialist I				
Hankard, Madeline	1.80	90.00	162.00	
Technician II				
Melmer, David	6.50	95.00	617.50	
	12.40		1,517.50	
Subtotal Labor				1,517.50
				Task Subtotal \$1,517.50

Task 007 Meetings/presentation

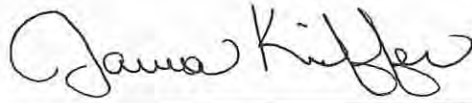
Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV				
Wilson, Gregory	10.00	180.00	1,800.00	
Engineer / Scientist / Specialist III				
Williams, Sterling	.80	155.00	124.00	
Support Personnel II				
Nypan, Nyssa	.60	105.00	63.00	
	11.40		1,987.00	
Subtotal Labor				1,987.00
				Task Subtotal \$1,987.00
				Job Subtotal \$9,806.00
				Total this Invoice \$9,806.00

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.

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

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	9
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Billing Backup

Monday, December 5, 2022

Barr Engineering Co. Invoice 9 Dated 12/5/2022 10:59:19 AM

Job	0001	Lake Augusta Feasibility Study
Task	001	Lake Augusta monitoring

Subconsultant Charges

Subconsultants

AP 418197	10/16/2022	RMB Environmental Laboratories Inc / Invoice: B006898, 10/16/2022	121.00	
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Subtotal Subconsultant **121.00** **121.00**

Task Subtotal **\$121.00**

Task	003	Background and GIS mapping
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Labor Charges

			Hours	Rate	Amount	
Engineer / Scientist / Specialist I						
JRV	Vosejpka, Joshua	10/12/2022	.50	105.00	52.50	
	Project Meeting					
JRV	Vosejpka, Joshua	10/18/2022	2.50	105.00	262.50	
	P8 Model Working					
JRV	Vosejpka, Joshua	10/19/2022	2.00	105.00	210.00	
	P8 Delineations					
JRV	Vosejpka, Joshua	10/24/2022	2.50	105.00	262.50	
	Check In Meeting					
JRV	Vosejpka, Joshua	10/25/2022	1.80	105.00	189.00	
	Delineation Updates					
JRV	Vosejpka, Joshua	10/28/2022	1.00	105.00	105.00	
	City Storm Sewer Review, Delineation Updates					
JRV	Vosejpka, Joshua	11/4/2022	2.50	105.00	262.50	
	Augusta P8 Model Inputs Working					
			12.80		1,344.00	
Subtotal Labor						1,344.00
					Task Subtotal	\$1,344.00

Task	004	Watershed modeling
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Labor Charges

			Hours	Rate	Amount	
Engineer / Scientist / Specialist IV						
GJW	Wilson, Gregory	10/10/2022	1.50	180.00	270.00	
GJW	Wilson, Gregory	10/12/2022	1.00	180.00	180.00	
GJW	Wilson, Gregory	10/13/2022	2.00	180.00	360.00	
GJW	Wilson, Gregory	10/14/2022	3.00	180.00	540.00	
GJW	Wilson, Gregory	10/20/2022	1.50	180.00	270.00	
GJW	Wilson, Gregory	10/21/2022	1.00	180.00	180.00	
GJW	Wilson, Gregory	10/24/2022	3.10	180.00	558.00	
GJW	Wilson, Gregory	10/27/2022	1.50	180.00	270.00	

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	9
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GJW	Wilson, Gregory	10/28/2022	2.20	180.00	396.00
GJW	Wilson, Gregory	11/1/2022	3.30	180.00	594.00
GJW	Wilson, Gregory	11/2/2022	2.00	180.00	360.00
GJW	Wilson, Gregory	11/3/2022	1.80	180.00	324.00
GJW	Wilson, Gregory	11/4/2022	.50	180.00	90.00
Engineer / Scientist / Specialist III					
BAL	Lindstrom, Brent	11/3/2022	1.50	140.00	210.00
Call with GJW, Download Nearmap 3 inch imagery tiles for 8 years.					
Engineer / Scientist / Specialist II					
JJH2	Hawley, Josiah	11/1/2022	1.40	130.00	182.00
Updating P8 precipitation and temperature input files.					
Support Personnel II					
NJN	Nypan, Nyssa	11/1/2022	.50	105.00	52.50
			27.80		4,836.50
Subtotal Labor					4,836.50
Task Subtotal					\$4,836.50

Task	005	In-lake modeling			
Labor Charges					
			Hours	Rate	Amount
Engineer / Scientist / Specialist IV					
GJW	Wilson, Gregory	10/11/2022	2.10	180.00	378.00
GJW	Wilson, Gregory	10/13/2022	2.00	180.00	360.00
Engineer / Scientist / Specialist I					
MKH	Hankard, Madeline	10/16/2022	1.80	90.00	162.00
loading data to EQuIS and creating data table of Lake Augusta data					
Technician II					
DJM	Melmer, David	10/8/2022	4.50	95.00	427.50
Lake Level Troll download-remove, remove weir-all sand bags-clean up site					
DJM	Melmer, David	10/18/2022	2.00	95.00	190.00
Lake Level Data to p drive					
			12.40		1,517.50
Subtotal Labor					1,517.50
Task Subtotal					\$1,517.50

Task	007	Meetings/presentation			
Labor Charges					
			Hours	Rate	Amount
Engineer / Scientist / Specialist IV					
GJW	Wilson, Gregory	10/25/2022	6.00	180.00	1,080.00
GJW	Wilson, Gregory	10/26/2022	4.00	180.00	720.00
Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	10/26/2022	.80	155.00	124.00
Augusta citizen meeting					

Project	23191476.00	Lake Augusta Water Quality Improvement	Invoice	9
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Support Personnel II						
NJN	Nypan, Nyssa	10/11/2022	.60	105.00	63.00	
			11.40		1,987.00	
Subtotal Labor						1,987.00
				Task Subtotal		\$1,987.00
				Job Subtotal		\$9,806.00
				Total this Project		\$9,806.00
				Total this Report		\$9,806.00



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

December 5, 2022
Invoice No: 23191436.00 - 24

Total this Invoice	\$1,968.50
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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:

- Developing draft responses to formal Plan review comments
- Developing a memorandum regarding the public hearing and remaining Plan review process
- Assisting the LMRWMO Administrator in publishing the responses to formal comments
- Developing a presentation for the public hearing
- Communicating with LMRWMO Administrator and project management

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	\$ 3,865.00		\$ 3,865.00	\$ (935.00)
	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	\$ 4,861.50		\$ 4,861.50	\$ 18.50
	1H0	\$ 3,170.00	\$ 3,962.00		\$ 3,962.00	\$ (792.00)
PLAN - Prepare Draft Plan	2A0	\$ 6,890.00	\$ 7,647.50		\$ 7,647.50	\$ (757.50)
	2B0	\$ 6,730.00	\$ 2,586.00		\$ 2,586.00	\$ 4,144.00
	2C0	\$ 6,840.00	\$ 8,336.50		\$ 8,336.50	\$ (1,496.50)
	2D0	\$ 7,540.00	\$ 3,999.00		\$ 3,999.00	\$ 3,541.00
	2E0	\$ 7,710.00	\$ 6,995.50		\$ 6,995.50	\$ 714.50
REV - Review and Adoption	3A0	\$ 4,240.00	\$ 1,258.70		\$ 1,258.70	\$ 2,981.30
	3B0	\$ 3,600.00	\$ 1,255.50	\$ 1,658.50	\$ 2,914.00	\$ 686.00
	3C0	\$ -	\$ -		\$ -	\$ -
	3D0	\$ 5,000.00	\$ -	\$ 310.00	\$ 310.00	\$ 4,690.00
	3E0	\$ 2,260.00	\$ -		\$ -	\$ 2,260.00
Total		\$ 71,650.00	\$ 48,645.70	\$ 1,968.50	\$ 50,614.20	\$ 21,035.80

Professional Services from October 8, 2022 to November 4, 2022

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

Project	23191436.00	LMRWMO 4th Generation Plan	Invoice	24
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Job	REV	Review and Adoption
Task	3B0	conduct formal 60 day review

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	10.70	155.00	1,658.50	
	10.70		1,658.50	
Subtotal Labor				1,658.50
		Task Subtotal		\$1,658.50

Task	3D0	revise and submit plan		
Labor Charges				
		Hours	Rate	Amount
Engineer / Scientist / Specialist III				
Williams, Sterling		2.00	155.00	310.00
		2.00		310.00
Subtotal Labor				310.00
Task Subtotal				\$310.00
Job Subtotal				\$1,968.50
Total this Invoice				\$1,968.50

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.

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, December 5, 2022

Barr Engineering Co. Invoice 24 Dated 12/5/2022 10:26:18 AM

Job	REV	Review and Adoption
Task	3B0	conduct formal 60 day review

Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	10/10/2022	6.50	155.00	1,007.50
	review and draft responses to comments				
SGW	Williams, Sterling	10/11/2022	.50	155.00	77.50
	minor changes to responses				
SGW	Williams, Sterling	10/21/2022	1.50	155.00	232.50
	revise plan per comments				
SGW	Williams, Sterling	10/24/2022	1.50	155.00	232.50
	revise comments; hearing memo				
SGW	Williams, Sterling	10/26/2022	.70	155.00	108.50
	assist in distributing comments				
			10.70		1,658.50
Subtotal Labor					1,658.50
Task Subtotal					\$1,658.50

Task	3D0	revise and submit plan
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Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	Williams, Sterling	11/4/2022	2.00	155.00	310.00
	presentation for public hearing				
			2.00		310.00
Subtotal Labor					310.00
Task Subtotal					\$310.00
Job Subtotal					\$1,968.50
Total this Project					\$1,968.50
Total this Report					\$1,968.50



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

December 5, 2022
Invoice No: 23190078.00 - 253

Total this Invoice	\$1,425.00
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Regarding: Watershed Management Organization

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

- Reviewing the City of West St. Paul stormwater ordinance updates and developing summary memorandum
- Reviewing Interstate Trucking record plan survey adjacent to Pine Bend SNA and providing comment to LMRWMO Administrator
- Preparing Watershed Management Plan memorandum for October 12, 2022 Board of Managers meeting
- Attending October 12, 2022 Board of Managers meeting
- Attending Lake Augusta resident meeting
- Communicating with LMRWMO Administrator and project management

Professional Services from September 30, 2022 to November 4, 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	5.50	155.00	852.50	
	5.50		852.50	
Subtotal Labor				852.50
			Task Subtotal	\$852.50

Task	002	Technical Assistance
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Labor Charges

	Hours	Rate	Amount
Vice President			
Kieffer, Janna	.10	185.00	18.50
Engineer / Scientist / Specialist III			
Fransen, Greg	.50	145.00	72.50
Williams, Sterling	2.70	155.00	418.50

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	253
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Support Personnel II

Nypan, Nyssa

.60	105.00	63.00
3.90		572.50

Subtotal Labor

572.50

Task Subtotal

\$572.50

Job Subtotal

\$1,425.00


Total this Invoice

\$1,425.00

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.

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, December 5, 2022

Barr Engineering Co. Invoice 253 Dated 12/5/2022 10:16:42 AM

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					
Engineer / Scientist / Specialist III					
SGW	3 - Williams, Sterling	10/12/2022	3.50	155.00	542.50
	prep, travel to/from, present at meeting				
SGW	3 - Williams, Sterling	11/1/2022	1.00	155.00	155.00
	ordinance review memo for packet				
SGW	3 - Williams, Sterling	11/4/2022	1.00	155.00	155.00
	plan review memo for packet				
			5.50		852.50
Subtotal Labor					852.50

Task Subtotal \$852.50

Task	002	Technical Assistance
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Labor Charges

			Hours	Rate	Amount
Vice President					
Vice President					
JMK2	1 - Kieffer, Janna	10/11/2022	.10	185.00	18.50
invoice review					
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
GDF	3 - Fransen, Greg	10/13/2022	.50	145.00	72.50
Pine Bend SNA erosion - review I-State Truck record plan survey and provide comments to LMRWMO.					
SGW	3 - Williams, Sterling	10/26/2022	.70	155.00	108.50
Augusta citizen mtg					
SGW	3 - Williams, Sterling	11/1/2022	2.00	155.00	310.00
review of WSP ordinance					
Support Personnel II					
Support Personnel II					
NJN	9 - Nypan, Nyssa	10/11/2022	.60	105.00	63.00
			3.90		572.50
Subtotal Labor					572.50

Task Subtotal \$572.50

Job Subtotal \$1,425.00

Total this Project \$1,425.00

Project	23190078.00	Lower Mississippi River	Invoice	253
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Total this Report \$1,425.00

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT

Dakota County Soil & Water Conservation District

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

Invoice

DATE	INVOICE #
10/13/2022	3229

BILL TO					
Lower Mississippi River WMO City of Mendota Heights Nancy Bauer 1101 Victoria Curve Mendota Heights, MN 55118		Agreement		BILLING PERIOD	TERMS
		2022 Agreement		Jul - Sep 2022	Net 30 Days
DESCRIPTION		HRS/COUNT	RATE	AMOUNT	
ADMINISTRATION & PLANNING: Watershed Mgmt Plan Update and General Correspondence: July, August & Sept Board meeting packets, prep, and attendance; WMO JPA updates & legal council coord, Seidls Lake grant agreement & coord; JPA updates and drafts; MAWD membership coord; WBIF convene coord; Watershed Plan comments, responses, coord. with BWSR & Barr, DC Groundwater collaborative; website updates.		112.5	85.00	9,562.50	
Printing, Paper and Postage Expense		1	50.00	50.00	
EDUCATION AND OUTREACH: Landscaping for Clean Water Workshop		1	1,700.00	1,700.00	
Landscaping for Clean Water Design Classes		1	1,800.00	1,800.00	
Workshops, Water Stewards Program, General Education and Website maintenance.		0	85.00	0.00	
TECHNICAL ASSISTANCE: LCW Grants: Moryn, Baudouin, Walz, Bakkum, Hoffman, Smith, Conama, Morris, Errante, Gebauer & St Elizabeth Orthodox Church. (11 Projects at \$250 each)		11	250.00	2,750.00	
Technical Assistance for Landscaping for Clean Water. (11 Projects at \$500 each)		11	500.00	5,500.00	
It's been a pleasure working with you!			Total		

DAKOTA COUNTY— SOIL & WATER —
CONSERVATION DISTRICT**Dakota County Soil & Water
Conservation District**

4100 220th Street West, Ste 102

Farmington, MN 55024

(651) 480-7777

DakotaSWCD.Accounting@CO.Dakota.MN.US

Invoice

DATE	INVOICE #
10/13/2022	3229

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

Agreement

BILLING PERIOD

TERMS

2022 Agreement

Jul - Sep 2022

Net 30 Days

DESCRIPTION

HRS/COUNT

RATE

AMOUNT

LAKE WATER MONITORING:
CAMP

12

85.00

1,020.00

Thompson Lake

11.5

85.00

977.50

It's been a pleasure working with you!

Total \$23,360.00



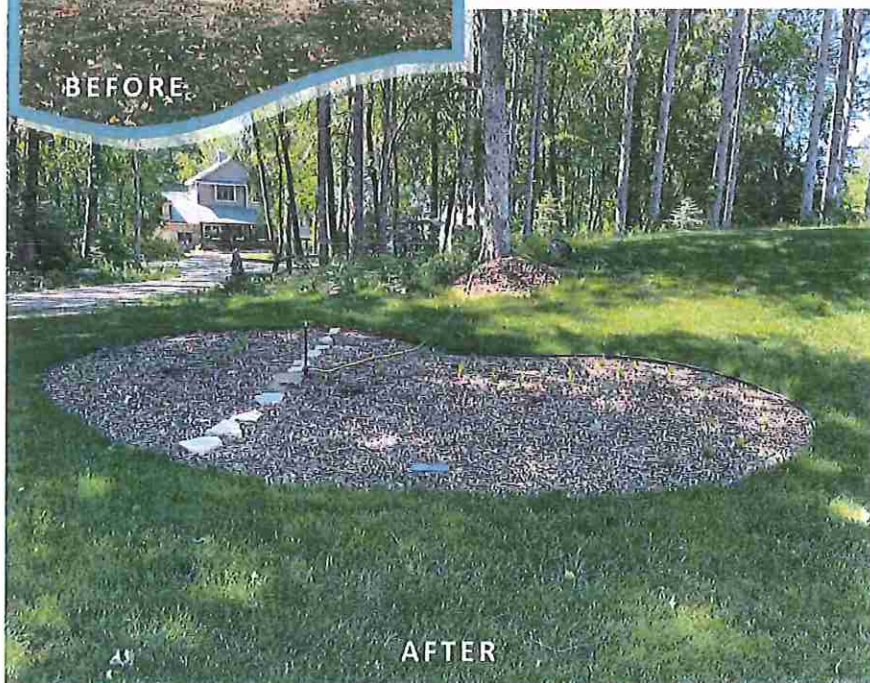
MORYN

RESIDENTIAL NATIVE GARDEN



BEFORE

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



AFTER

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

COST: Project materials cost estimated at \$528

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



LOCATION:

Old Concord Blvd
Inver Grove Heights



PRACTICE:

- Native Garden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Spring 2022

BAUDOUIN RESIDENTIAL RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



BEFORE

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



AFTER

PROJECT: Installation of a 130 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$250

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

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Spring 2022

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

9th Avenue South
South St Paul



WALZ

RESIDENTIAL RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



BEFORE

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



AFTER

PROJECT: Installation of a 250 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$590

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

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Spring 2022

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

Bidwell Street
West St Paul



BAKKUM

RESIDENTIAL RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



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



PROJECT: Installation of a 175 sq. ft. residential rain garden.

COST: Project materials cost estimated at \$582

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

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

Ohio Street
Saint Paul

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

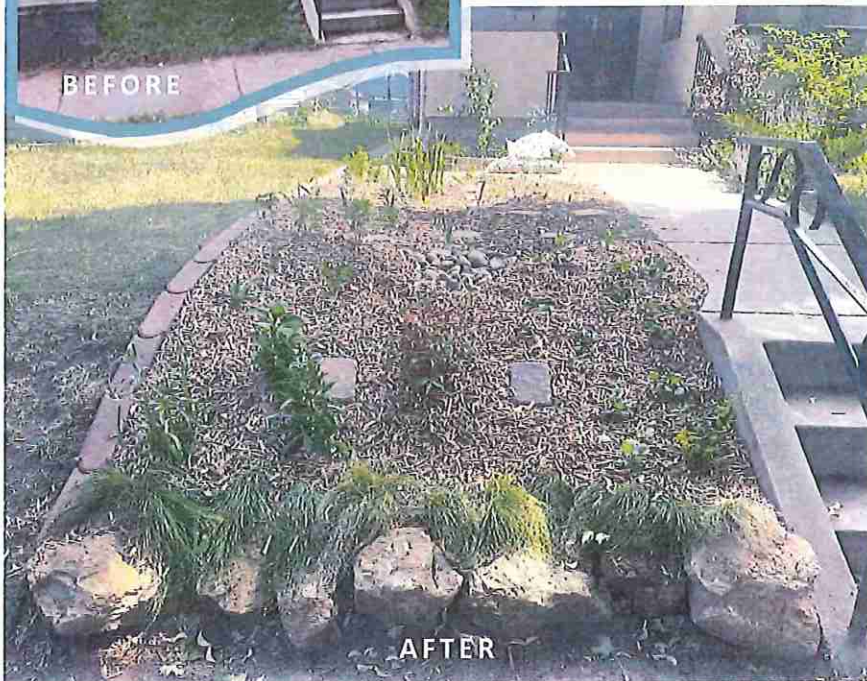
- Summer 2022

HOFFMAN RESIDENTIAL RAINGARDEN



BEFORE

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



AFTER

PROJECT: Installation of a 175 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$539

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

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

Ottawa Avenue
Saint Paul

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2022

SMITH

RESIDENTIAL NATIVE GARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



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



PRACTICE:

- Native Garden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2022

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

COST: Project materials cost estimated at \$300

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

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

Coventry Court
Mendota Heights



CONAMA RESIDENTIAL RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



BEFORE

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



AFTER

PROJECT: Installation of a 192 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$1,265

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

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2022

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

16th Avenue North
South St Paul

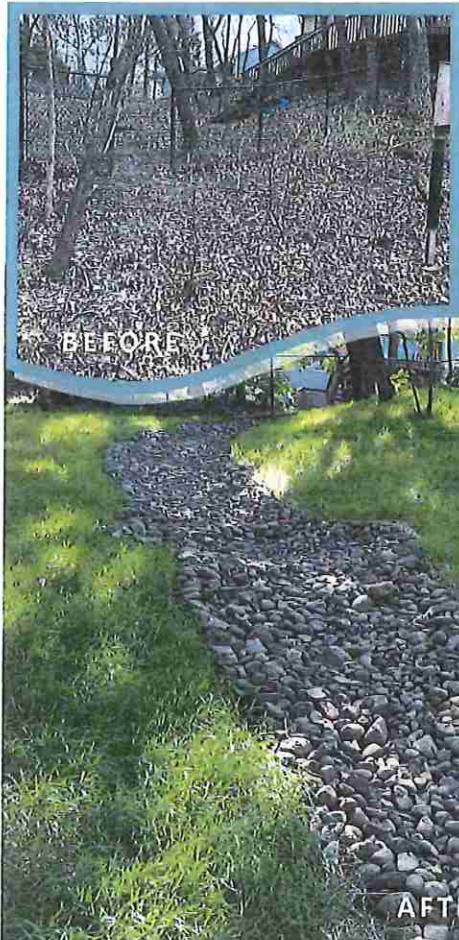


ERRANTE RESIDENTIAL RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



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

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2022

PROJECT: Installation of a 100 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$750

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

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:
Banning Way
Inver Grove Heights



MORIS RESIDENTIAL RAINGARDEN

DAKOTA COUNTY

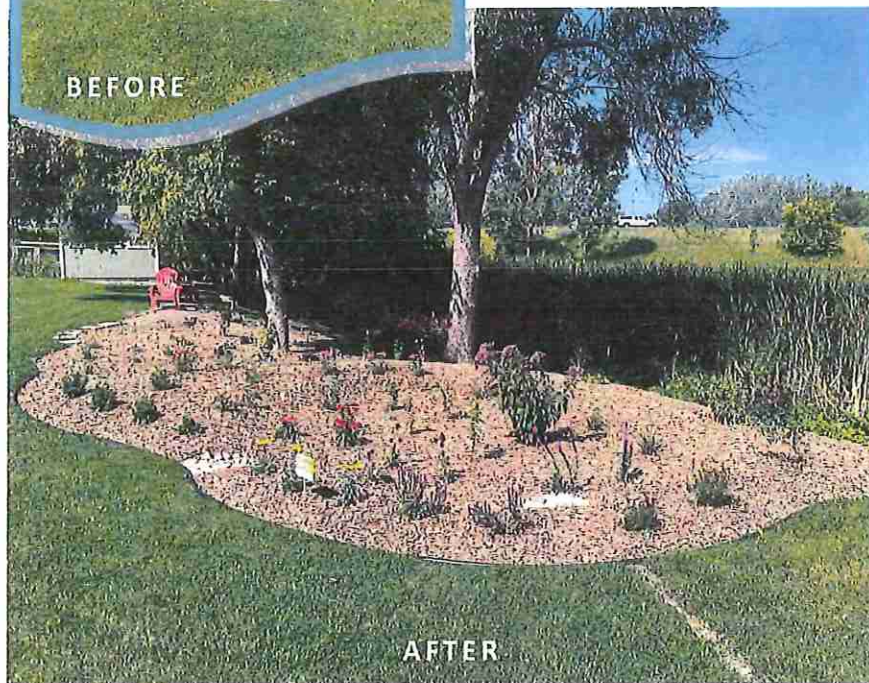


SOIL & WATER
CONSERVATION DISTRICT



BEFORE

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



AFTER

PROJECT: Installation of a 375 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$1,302

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

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2022

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

Westview Circle
Mendota Heights



PROJECT FACTSHEET

ST. ELIZABETH ORTHODOX CHURCH RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



BEFORE

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



AFTER

PROJECT: Installation of a 390 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$464

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

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:
Congress Street East
Saint Paul

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

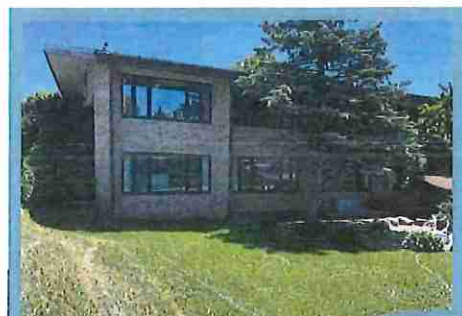
- Summer 2022

GEBAUER RESIDENTIAL RAINGARDEN

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT



BEFORE

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



AFTER

PROJECT: Installation of a 400 sq. ft. residential raingarden.

COST: Project materials cost estimated at \$926

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

PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2022

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:
Charlton Street
West St Paul





**Dakota County Soil & Water
Conservation District**

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

Invoice

DATE	INVOICE #
10/13/2022	3230

BILL TO					
Lower Mississippi River WMO City of Mendota Heights Nancy Bauer 1101 Victoria Curve Mendota Heights, MN 55118		Agreement		BILLING PERIOD	TERMS
		FY19 WBF		Jul - Sep 2022	Net 30 Days
DESCRIPTION		HRS/COUNT	RATE	AMOUNT	
GRANT ADMINISTRATION Grant financial reporting and invoice tracking		1.5	80.00	120.00	
EDUCATION PROGRAMS - PROJECT DEVELOPMENT Chloride Training; Bolton and Menk, and Young Env. Coordination.		15	80.00	1,200.00	
EDUCATION PROGRAMS - STENCILING PROGRAM IMPLEMENTATION		0	0.00	0.00	
LAKE AUGUSTA STUDY - PROJECT DEVELOPMENT Cemetery meeting and site visit; Consultant and City coord.; resident coord. and information followup.		6	80.00	480.00	
INTERSTATE VALLEY CREEK - PROJECT DEVELOPMENT Consultant coord. and meetings; Stream assessment; Dakota County trail project coordination.		10	80.00	800.00	
At BWSR Billable Rate					
It's been a pleasure working with you!			Total	\$2,600.00	



MEMORANDUM

To: Nancy Bauer
From: Joe Barten, LMRWMO Administrator
Subject: Lower Mississippi River - Financial Actions
Date: December 5, 2022

Enclosed please find the following invoice for payment:

- \$590.00 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 # 0302240



Real People. Real Solutions.

Please Remit To: Bolton & Menk, Inc.
1950 Premier Drive | Mankato, MN 56001-5900
507-625-4171 | 507-625-4177 (fax)

Payment by Credit Card Available Online at www.Bolton-Menk.com
To Ensure Proper Credit, Provide Invoice Numbers with Payment

Lower Mississippi River WMO
Joe Barten, Administrator via Dakota SWCD
c/o 4100 220th Street West, #102
joe.barten@co.dakota.mn.us
Farmington, MN 55024

November 25, 2022
Project No: 0X1.127007
Invoice No: 0302240
Client Account: LMSRWDMO_WD_MN

LMRWMO/Spanish Language Smart Salting**Professional Services from October 1, 2022 to October 28, 2022****Stakeholder Engagement (001)****Professional Services**

	Hours	Rate	Amount	
Specialist	.50	140.00	70.00	
<i>Outreach Plans</i>				
Specialist	.50	140.00	70.00	
<i>Update Mtg</i>				
Totals	1.00		140.00	
Total Labor				140.00
Total this Task				\$140.00

Reporting and Results Tracking (003)**Professional Services**

	Hours	Rate	Amount	
Specialist	.50	180.00	90.00	
<i>Project Management</i>				
Specialist	2.00	90.00	180.00	
<i>Final Memo.</i>				
Specialist	.50	90.00	45.00	
<i>Interview with Private Contractor.</i>				
Specialist	.50	90.00	45.00	
<i>Meet with Katie: Additional Companies to Contact and Questions.</i>				
Specialist	1.00	90.00	90.00	
<i>September Summary of Work. Communication with Milwaukee on Attendees.</i>				
<i>Final Memo.</i>				
Totals	4.50		450.00	
Total Labor				450.00
Total this Task				\$450.00
Total this Invoice				\$590.00

Billing Backup

Thursday, December 1, 2022

Bolton & Menk, Inc.

Invoice 0302240 Dated 11/25/2022

12:17:50 PM

Project	OX1.127007	LMRWMO/Spanish Language Smart Salting
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Task	001	Stakeholder Engagement
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Professional Services

			Hours	Rate	Amount
	Specialist				
X11978	110 - Farber, Kathryn	10/18/2022	.50	140.00	70.00
	<i>Update Mtg</i>				
X11978	110 - Farber, Kathryn	10/24/2022	.50	140.00	70.00
	<i>Outreach Plans</i>				
	Totals		1.00		140.00
	Total Labor				140.00

Total this Task \$140.00

Task	003	Reporting and Results Tracking
------	-----	--------------------------------

Professional Services

			Hours	Rate	Amount
	Specialist				
X11979	110 - Dindorf, Carolyn	10/20/2022	.50	180.00	90.00
	<i>Project Management</i>				
X11975	110 - Randolph, Caralie	10/10/2022	1.00	90.00	90.00
	<i>September Summary of Work. Communication with Milwaukee on Attendees. Final Memo.</i>				
X11975	110 - Randolph, Caralie	10/17/2022	1.50	90.00	135.00
	<i>Final Memo.</i>				
X11975	110 - Randolph, Caralie	10/18/2022	.50	90.00	45.00
	<i>Final Memo.</i>				
X11975	110 - Randolph, Caralie	10/20/2022	.50	90.00	45.00
	<i>Meet with Katie: Additional Companies to Contact and Questions.</i>				
X11975	110 - Randolph, Caralie	10/24/2022	.50	90.00	45.00
	<i>Interview with Private Contractor.</i>				
	Totals		4.50		450.00
	Total Labor				450.00

Total this Task \$450.00

Total this Project \$590.00

Total this Report \$590.00



MEMORANDUM

To: Nancy Bauer
From: Joe Barten, LMRWMO Administrator
Subject: Lower Mississippi River - Financial Actions
Date: August 4, 2022

Enclosed please find the following invoice for payment:

- \$605.00 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


**BOLTON
& MENK**

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
 To Ensure Proper Credit, Provide Invoice Numbers with Payment

 Lower Mississippi River WMO
 Joe Barten, Administrator via Dakota SWCD
 c/o 4100 220th Street West, #102
 joe.barten@co.dakota.mn.us
 Farmington, MN 55024

 July 25, 2022
 Project No: 0X1.127007
 Invoice No: 0294636
 Client Account: LMSRWDMO_WD_MN

LMRWMO/Spanish Language Smart Salting
Professional Services from May 28, 2022 to June 24, 2022

Training Program Implementation (002)

Professional Services

	Hours	Rate	Amount	
Senior Project Manager	1.00	200.00	200.00	
Specialist	1.00	90.00	90.00	
<i>Communication with MPCA on Further Needed Translation. Communication with In-person Host Site on Instructions for Accessing/Parking. Send Further Needed Translation to Translator.</i>				
Specialist	.50	90.00	45.00	
<i>Communication with MPCA on Promotional Flyers and Test Registration.</i>				
Specialist	.50	90.00	45.00	
<i>Draft Email to City Partners and Community Members: Registration is Live. Internal Communication on Format for Practice Session.</i>				
Specialist	.50	90.00	45.00	
<i>Review Registration Info from MPCA, Send to LMRWMO for Review. Call with MPCA on Format for Practice Session.</i>				
Specialist	.50	90.00	45.00	
<i>Send Registration Info to All in One to Test. Create WebEx for Practice Session, Invite Internal and MPCA. Send Webex Info for Practice Session to All in One.</i>				
Totals	4.00		470.00	
Total Labor				470.00
			Total this Task	\$470.00

Reporting and Results Tracking (003)

Professional Services

	Hours	Rate	Amount	
Specialist	.50	180.00	90.00	
<i>Budget Management</i>				
Specialist	.50	90.00	45.00	
<i>Send LMRWMO May Summary of Work. Send Invites to Panelists for Virtual Training. Call with MPCA on Registration Rollout Updates.</i>				
Totals	1.00		135.00	
Total Labor				135.00
			Total this Task	\$135.00
			Total this Invoice	\$605.00

Billing Backup

Wednesday, August 3, 2022

Bolton & Menk, Inc.

Invoice 0294636 Dated 7/25/2022

3:48:57 PM

Project 0X1.127007 LMRWMO/Spanish Language Smart Salting

Task 002 Training Program Implementation

Professional Services

			Hours	Rate	Amount
	Senior Project Manager				
X11974	107 - Fortin, Constance	6/6/2022	.50	200.00	100.00
X11974	107 - Fortin, Constance	6/22/2022	.50	200.00	100.00
	Specialist				
X11975	110 - Randolph, Caralie	6/2/2022	1.00	90.00	90.00
	<i>Communication with MPCA on Further Needed Translation. Communication with In-person Host Site on Instructions for Accessing/Parking. Send Further Needed Translation to Translator.</i>				
X11975	110 - Randolph, Caralie	6/3/2022	.50	90.00	45.00
	<i>Draft Email to City Partners and Community Members: Registration is Live. Internal Communication on Format for Practice Session.</i>				
X11975	110 - Randolph, Caralie	6/7/2022	.50	90.00	45.00
	<i>Review Registration Info from MPCA, Send to LMRWMO for Review. Call with MPCA on Format for Practice Session.</i>				
X11975	110 - Randolph, Caralie	6/9/2022	.50	90.00	45.00
	<i>Send Registration Info to All in One to Test. Create WebEx for Practice Session, Invite Internal and MPCA. Send Webex Info for Practice Session to All in One.</i>				
X11975	110 - Randolph, Caralie	6/24/2022	.50	90.00	45.00
	<i>Communication with MPCA on Promotional Flyers and Test Registration.</i>				
	Totals		4.00		470.00
	Total Labor				470.00
	Total this Task				\$470.00

Task 003 Reporting and Results Tracking

Professional Services

			Hours	Rate	Amount
	Specialist				
X11979	110 - Dindorf, Carolyn	6/13/2022	.50	180.00	90.00
	<i>Budget Management</i>				
X11975	110 - Randolph, Caralie	6/1/2022	.50	90.00	45.00
	<i>Send LMRWMO May Summary of Work. Send Invites to Panelists for Virtual Training. Call with MPCA on Registration Rollout Updates.</i>				
	Totals		1.00		135.00
	Total Labor				135.00
	Total this Task				\$135.00
	Total this Project				\$605.00
	Total this Report				\$605.00



MEMORANDUM

To: Nancy Bauer
From: Joe Barten, LMRWMO Administrator
Subject: Lower Mississippi River - Financial Actions
Date: December 8, 2022

Enclosed please find the following invoice for payment:

- \$8,206.25 to WSB for services for October 1 – October 31, 2022 for the FY-2019 Watershed Based Implementation Funding, Interstate Valley Creek study.

Thank you and please contact me with any questions.

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

Enclosed: WSB Invoice R-020683-000 - 5

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416



Lower MS River WMO
Attn: Joe Barten
125 Third Ave N
So. St. Paul, MN 55075

November 30, 2022
Project/Invoice: R-020683-000 - 5
Reviewed by: Jacob Newhall
Project Manager: Laura Rescorla

Interstate Valley Creek Study

Professional Services from October 1, 2022 to October 31, 2022

Phase 002 Assessment of Interstate Valley Creek Er
Project Management and Progress Meeting

	Hours	Rate	Amount	
Reh, Taylor	.50	104.00	52.00	
Totals	.50		52.00	
Total Labor				52.00
		Total this Task		\$52.00

Evaluate Streambank Stabilization Measur

	Hours	Rate	Amount	
Phillips, Samuel	6.00	106.00	636.00	
Totals	6.00		636.00	
Total Labor				636.00
		Total this Task		\$636.00

Prioritization and Cost Estimate

	Hours	Rate	Amount	
Anderson, Amy	2.50	155.00	387.50	
Totals	2.50		387.50	
Total Labor				387.50
		Total this Task		\$387.50
		Total this Phase		\$1,075.50

Phase 003 Assessment of Interstate Valley Creek Tr
Evaluate Streambank Stabilization Measur

	Hours	Rate	Amount	
Phillips, Samuel	9.50	106.00	1,007.00	
Totals	9.50		1,007.00	
Total Labor				1,007.00
		Total this Task		\$1,007.00

Project	R-020683-000	LMRWMO - Interstate Valley Creek Study	Invoice	5
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Report Writing

	Hours	Rate	Amount	
Anderson, Amy	2.50	155.00	387.50	
Totals	2.50		387.50	
Total Labor				387.50
		Total this Task		\$387.50
		Total this Phase		\$1,394.50

Phase 004 Watershed Analysis Study to Identify BMP
Project Management and Progress Meeting

	Hours	Rate	Amount	
Newhall, Jacob	1.50	182.00	273.00	
Totals	1.50		273.00	
Total Labor				273.00
		Total this Task		\$273.00

Watershed Modeling and Analysis

	Hours	Rate	Amount	
Lopez, Karla	15.50	97.00	1,503.50	
Newhall, Jacob	5.50	182.00	1,001.00	
Rescorla, Laura	15.25	137.00	2,089.25	
Totals	36.25		4,593.75	
Total Labor				4,593.75
		Total this Task		\$4,593.75

Prioritization and Cost Estimate

	Hours	Rate	Amount	
Newhall, Jacob	3.50	182.00	637.00	
Totals	3.50		637.00	
Total Labor				637.00
		Total this Task		\$637.00
		Total this Phase		\$5,503.75

Phase 005 Final Deliverables
Report Writing - Interstate Valley Creek

	Hours	Rate	Amount	
Anderson, Amy	1.50	155.00	232.50	
Totals	1.50		232.50	
Total Labor				232.50
		Total this Task		\$232.50

Project	R-020683-000	LMRWMO - Interstate Valley Creek Study		Invoice	5
Total this Phase					\$232.50
Billing Limits		Current	Prior	To-Date	
Total Billings		8,206.25	30,777.25	38,983.50	
Limit				73,798.00	
Remaining				34,814.50	
Total this Invoice					\$8,206.25



MEMORANDUM

To: Nancy Bauer
From: Joe Barten, LMRWMO Administrator
Subject: Lower Mississippi River - Financial Actions
Date: December 8, 2022

Enclosed please find the following invoice for payment:

- \$2,634.00 to Young Environmental Consulting Group, LLC 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: Young Environmental Consulting Group, LLC Invoice # 17-6662

**Young Environmental
Consulting Group, LLC**

PO Box 43933
Minneapolis, MN 55443 US
+1 6512496974
della@youngecg.com
www.youngecg.com



**Young Environmental Consulting
Group, LLC**

INVOICE

BILL TO
Lower Mississippi River Watershed Management
Organization
Attn: Joe Barton
c/o 4100 220th
St. West #102
Farmington, MN 55024

SHIP TO
Lower Mississippi River Watershed Management
Organization
Attn: Joe Barton
c/o 4100 220th
St. West #102
Farmington, MN 55024

INVOICE 17-6662
DATE 06/08/2022
TERMS Net 30
DUE DATE 07/08/2022

DESCRIPTION	QTY	RATE	AMOUNT
Task 1: Stenciling Program and Kit Creation (J. Dullum)	23.50	100.00	2,350.00
Task 1: Stenciling Program and Kit Creation (D. Young)	2	142.00	284.00

For services rendered March 27th to May 28th, 2022. Thank you for your business!

BALANCE DUE

\$2,634.00

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	Sept 15 - Oct 12 2022	Oct 13 - Nov 9 2022	Nov 10 - Dec 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	\$30.75	\$57.32	\$47.54	\$79.40	\$72.21	\$81.64	\$104.45		\$644.13	(\$44.13)	107%							
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	\$30.75	\$57.32	\$47.54	\$79.40	\$72.21	\$81.64	\$104.45		\$117,299.69									
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	Sept 15 - Oct 12 2022	Oct 13 - Nov 9 2022	Nov 10 - Dec 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	\$217.50		\$269.50	\$1,696.00	\$102.50	\$1,112.00	\$947.50		\$5,773.00	(\$273.00)	105%							
Meetings	\$6,000.00	\$300.00	\$750.00	\$341.00	\$542.50	\$544.50	\$790.50		\$387.50	\$1,481.00	\$697.50	\$124.00	\$1,690.50		\$7,649.00	(\$1,649.00)	127%							
Watershed Plan Amendment	\$40,000.00	\$1,845.00	\$1,038.00	\$1,362.50	\$3,706.00	\$6,913.50	\$3,996.50		\$6,441.00	\$6,411.00	\$3,252.20		\$3,224.00		\$38,189.70	\$1,810.30	95%							
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						\$750.00			\$712.50	\$8,250.00		\$14,212.50	(\$2,212.50)	118%							
Water Monitoring ⁴	\$22,000.00	\$2,660.00	\$2,115.75			\$935.00			\$1,827.50				\$1,997.50		\$9,535.75	\$12,464.25	43%							
Ramsey County Subwatershed Analysis ⁵	\$4,250.00											\$4,250.00			\$4,250.00	\$0.00	100%							
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								\$3,400.00				\$3,500.00		\$6,900.00	(\$500.00)	108%							
MN Water Stewards Program	\$10,000.00		\$120.00	\$600.00		\$892.50									\$1,612.50	\$8,387.50	16%							
Slowwater 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			\$1,147.50						\$3,060.00	(\$1,060.00)	153%							
Metro Watershed Partners	\$1,000.00		\$1,000.00												\$1,000.00	\$0.00	100%							
Website Update / Maintenance ³	\$4,000.00		\$1,380.00			\$5,305.00			\$382.50						\$7,067.50	(\$3,067.50)	177%							
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		\$4.00	\$6,382.50	\$4.00	\$2.00		\$9,614.50		\$29,324.33	\$6,675.67	81%							
Insurance	\$2,500.00									\$2,473.00					\$2,473.00	\$27.00	99%							
Attorney and Audit	\$5,000.00				\$204.00	\$85.00	\$554.40		\$360.20	\$4,151.00	\$945.40	\$449.00			\$6,749.00	(\$1,749.00)	135%							
Subtotal Operating Expenses	\$169,790.00	\$4,963.00	\$16,566.75	\$3,003.00	\$4,624.83	\$27,680.50	\$5,558.90	\$4.00	\$21,348.20	\$16,216.00	\$4,999.60	\$6,647.50	\$29,224.00		\$140,836.28	\$28,953.72	83%							
Subtotal Grant Expenses	\$198,324.00	\$5,985.63	\$4,395.83	\$0.00	\$0.00	\$10,940.50	\$3,846.29	\$3,865.00	\$17,563.94	\$14,520.48	\$28,721.09	\$24,560.61	\$30,138.67		\$144,538.04	\$59,829.44	73%							
Overall Fund Balance		\$263,000.97	\$242,071.95	\$239,099.11	\$296,629.79	\$311,662.24	\$302,287.80	\$298,476.12	\$259,611.52	\$228,954.44	\$195,305.96	\$164,179.49	\$135,059.94											
Total Grant Balance		\$112,870.37	\$108,474.54	\$108,474.54	\$108,474.54	\$97,534.04	\$93,687.75	\$89,822.75	\$72,258.81	\$57,738.33	\$29,017.24	\$4,456.63	-\$25,682.04											
LMRWMO Operating Fund Balance		\$150,130.60	\$133,597.41	\$130,624.57	\$188,155.25	\$214,128.20	\$208,600.05	\$208,653.37	\$187,352.71	\$171,216.11	\$166,288.72	\$159,722.86	\$104,921.27											
Unencumbered Operating Fund Balance ¹		\$140,130.60	\$123,597.41	\$120,624.57	\$178,155.25	\$204,128.20	\$198,600.05	\$198,653.37	\$177,352.71	\$161,216.11	\$156,288.72	\$149,722.86	\$94,921.27											

Carryover Fund Balance from Dec. 8, 2021 **\$267,010.27**
Anticipated use of Fund Balance in 2022 **\$39,955.00**

2022 Budget Notes:

- \$10,000 set aside in 2022 for 2033 Watershed Plan Update, will add \$5,000 annually to encumbered amount.
- Is carryover from November 2020 approved expenditure. Budget amended on 3-9-22 due to omission from original 2022 budget.
- Is carryover from May 2020 approved expenditure. Amended on 3-9-22 due to omission from original 2022 budget.
- Board approved additional \$13,000 towards Lake Augusta monitoring in 2022 on 3-9-22.

Check for and \$211.40 never received by Campbell Knutson, paying with Oct 12, 2022 bill

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	Sept 15 - Oct 12 2022	Oct 13 - Nov 9 2022	Nov 10 - Dec 14 2022	Total	Variance	Percent Received/ Expanded
BWSR - FY 2019 Watershed Based Implementation Funding																	
Revenue																	
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	\$0.00	\$0.00	\$0.00	\$72,335.00	\$131,975.00	35%
Expenses																	
Grant Administration	\$8,000.00	\$497.43					\$2,080.00			\$567.00				\$120.00	\$3,264.43	\$4,735.57	41%
Education Program Implementation	\$36,000.00	\$1,899.87		\$492.64			\$2,684.00	\$2,360.00	\$3,865.00		\$2,116.14	\$6,816.14	\$1,085.00	\$3,829.00	\$25,147.79	\$10,852.21	70%
Education Program Project Dev.	\$4,670.00	\$913.75		\$3,258.97						\$2,713.50				\$1,200.00	\$8,086.22	(\$3,416.22)	173%
(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			\$2,551.50				\$800.00	\$6,663.46	(\$2,663.46)	167%
Interstate Valley Creek Study	\$44,000.00										\$2,514.75	\$12,840.50	\$15,422.00	\$8,206.25	\$38,983.50	\$5,016.50	89%
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			\$324.00				\$480.00	\$6,832.84	(\$2,832.84)	171%
Lake Augusta Study	\$44,000.00						\$154.50	\$1,486.29		\$11,407.94	\$9,889.59	\$9,064.45	\$8,053.61	\$15,503.42	\$55,559.80	(\$11,559.80)	126%
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	\$3,846.29	\$3,865.00	\$17,563.94	\$14,520.48	\$28,721.09	\$24,560.61	\$30,138.67	\$147,578.04	\$56,731.96	72%
FY-19 WBIF Balance		\$66,349.37	\$66,349.37	\$61,953.54	\$61,953.54	\$61,953.54	\$47,973.04	\$44,126.75	\$40,261.75	\$22,697.81	\$8,177.33	\$20,543.76	\$45,104.37	\$75,243.04	\$75,243.04		
BWSR - FY 2021 Watershed Based Implementation Funding																	
Revenue																	
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	\$0.00	\$0.00	\$0.00	\$46,521.00	\$55,825.00	45%
Expenses																	
Grant Administration	\$10,042.00														\$0.00	\$10,042.00	0%
Erosion & Direct Drainage Study	\$71,000.00														\$0.00	\$71,000.00	0%
(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	\$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	\$46,521.00	\$46,521.00	\$46,521.00		
MN DNR - Seidls Lake Shoreline LCCMR Grant																	
Revenue																	
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	\$0.00	\$0.00	\$0.00	\$457,000.00	0%
Expenses																	
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														\$0.00	\$37,500.00	0%
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	\$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	\$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	Sept 15 - Oct 12 2022	Oct 13 - Nov 9 2022	Nov 10 - Dec 14 2022	Total	Variance	Percent Received/ Expanded
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	\$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	\$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	\$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	\$3,846.29	\$3,865.00	\$17,563.94	\$14,520.48	\$28,721.09	\$24,560.61	\$30,138.67	\$147,578.04	\$602,133.96	20%
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	\$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	\$0.00	\$0.00	\$0.00		
NET FUND BALANCE (MINUS WMO MATCH)		\$112,879.37	\$112,879.37	\$108,474.54	\$108,474.54	\$108,474.54	\$97,534.04	\$93,687.75	\$89,822.75	\$72,258.81	\$57,738.33	\$29,017.24	\$4,456.63	-\$25,682.04	-\$28,722.04		



2023 DRAFT Board Meeting Schedule

The regular Lower Mississippi River Watershed Management Organization (LMRWMO) Board of Manager meetings are held the second Wednesday of each month at 3:00 p.m. The Board Chair may cancel meetings if business renders them unnecessary.

Meeting locations typically rotate among select member communities with the following rotating order, Mendota Heights, Inver Grove Heights, Saint Paul, West St. Paul, South St. Paul, Lilydale, and Sunfish Lake with each hosting two consecutive meetings.

Listed below are the host Cities and locations for the scheduled 2023 meetings.

January 11, 2023	South St. Paul Airport
February 8, 2023	Lilydale
March 8, 2023	Lilydale
April 12, 2023	Sunfish Lake
May 10, 2023	Sunfish Lake
June 14, 2023	Mendota Heights
July 12, 2023	Mendota Heights
August 9, (16?) 2023	Inver Grove Heights
September 13, 2023	Inver Grove Heights
October 11, 2023	St. Paul
November 8, 2023	St. Paul
December 13, 2023	West St. Paul

METRO WATERSHED PARTNERS



MINNESOTA WATER
LET'S KEEP IT CLEAN

INVOICE

651-523-2812

jabere01@hamline.edu

Attention: Joe Barten
Lower Mississippi River WMO
4100 220th Street West, Suite 102
Farmington, MN 55024
Date: 12/7/22

Metro Watershed Partners
Hamline University
1536 Hewitt Ave. MS-A1760
Saint Paul, MN 55104

Project Title: Clean Water Minnesota

Description	Cost
2023 Membership: Clean Water MN and Adopt-a-Drain	\$1,000.00
TOTAL	\$1,000.00

Benefits of membership

- You and your colleagues are invited to attend our **monthly meetings**, to network and share information with other watershed education professionals, and to hear monthly speakers on topics relevant to our work. The Watershed Partners meet via Zoom on the second Wednesday of the month from 9:30–11am.
- Join our **listserv on Mobilize** to receive meeting notifications and partner updates, and send messages to, and receive announcements from, other partners. To be added to Mobilize, please email Ann Zawistoski (azawistoski01@hamline.edu) and request to be added.
- Your organization will be **listed as a supporting partner** on cleanwatermn.org/about-us, and on adopt-a-drain.org when someone clicks on a drain in your service area, and on email communication to adopters in your area.
- Access to an **administrative portal** that allows you to view and download data about adopted drains and program participants in your area. Log in mn.adopt-a-drain.org/nova. Contact Jenni Abere (jabere01@hamline.edu) to get admin access.
- A customized **annual report** that includes summary data about adopted drains and program participants in your area.
- Access to **print resources to promote Adopt-a-Drain** to residents in your area. View the marketing guide here: ms4.adopt-a-drain.org/marketing-guide. Download promotional materials from the Google Drive folder here: drive.google.com/drive/folders/1b6cLsITFI6xs9xHz2ZZTt8tLJ63rN0Bd?usp=sharing
- Access to the **CWMN photo gallery** with hundreds of high-quality photographs: docs.google.com/document/d/1D5uxlkAuZUNj-SJZOSexNbAn_ExcjivXaafDN9WLVe8/edit?usp=sharing
- Portable **educational exhibits** are available for free checkout. Find more at cleanwatermn.org/partners/exhibit-check-out/
- For an additional fee, Adopt-a-Drain participants in your area can receive **yard signs and a printed "welcome kit"** in the mail. Please contact Jenni Abere (jabere01@hamline.edu) for more information.

Duration of service: January 1 - December 31st, 2023. Unspent funds will rollover to support program activities in 2024.

ADOPT
A STORM
DRAIN



2022 ANNUAL REPORT

Lower Mississippi River



We're Making a Difference!

39

participants
2022

69

drains adopted
2022

287

participants
TOTAL

454

drains adopted
TOTAL

Drain Cleaning & Collection Data

84 Lower Mississippi River participants reported cleanings, which represents 29.3% of all participants in the watershed.

Lower Mississippi River participants collected 2,683.5 lbs of debris from their adopted storm drains in 2022.

Debris Type	Amount (lbs)
Brown leaves	1,183.3
Grass and green leaves	350.9
Sediment and dirt	963.4
Trash	185.9
Salt	0



Month	New participants	Drains adopted	Debris collected (lbs)	Time spent (hrs)
January			80.0	4.6
February	2	3	12.0	2.2
March	3	5	26.5	2.1
April	3	7	86.0	3.0
May	2	4	292.9	8.2
June	9	21	411.5	7.6
July	3	4	128.8	4.0
August	10	16	298.3	15.8
September	4	6	37.7	5.2
October	1	1	254.0	9.6
November	2	2	1,055.9	36.5
December				
TOTALS	39	69	2,683.5	98.8



GEOGRAPHIC BREAKDOWN

2022 Annual Report
Lower Mississippi River

City and Subwatershed

Drains adopted: Cumulative total

Debris collected: 2022 data only

City	Drains adopted	Debris collected (lbs)	Time spent (hours)
Mendota Heights	141	1,222.1	44.9
St. Paul	119	841.45	29.3
West St. Paul	113	359.76	7.2
South St. Paul	49	204.32	14.9
Inver Grove Heights	30	11.9	1.1
Lilydale	2	44	1.3

Subwatershed	Drains adopted	Debris collected (lbs)	Time spent (hours)
City of St. Paul-Mississippi River	383	2,551.3	93.3
Lock and Dam No 2-Mississippi River	64	64.5	3.9
Gun Club Lake / Minnesota River	4	63.8	0.8
Rich Valley / Vermillion River	3	3.9	0.7

Minnesota Data

1,539

participants
2022

3,035

drains adopted
2022

10,361

participants
TOTAL

19,269

drains adopted
TOTAL

3,192 Minnesota participants reported cleanings this year, which represents 30.8% of all participants in the state.

Minnesota participants collected 118,186.1 lbs of debris from their adopted storm drains in 2022.

Debris Type	Amount (lbs)
Brown leaves	73,596.6
Grass/green leaves	4,846.4
Sediment/dirt	36,862.7
Trash	3,470.1
Salt	390.9

Month	New participants	Drains adopted	Debris collected (lbs)	Time spent (hrs)
January	24	32	7,524.1	246.4
February	35	274	6,602.8	267.8
March	146	308	5,264.0	202.9
April	159	347	12,437.4	244.0
May	123	307	10,452.6	214.1
June	96	203	7,927.4	210.1
July	97	190	5,362.5	145.8
August	319	474	4,981.4	132.7
September	333	510	5,012.7	131.7
October	142	241	15,112.1	345.8
November	65	149	37,509.2	890.1
December				
TOTALS	1,539	3,035	118,186.1	3,031.4

Memorandum

To: LMRWMO Board of Managers
From: Greg Williams
Subject: Review of the City of Lilydale Surface Water Management Plan (SWMP) 2022 Update
Date: December 5, 2022
c: Joe Barten, LMRWMO Administrator

The City of Lilydale on the Mississippi (Lilydale) is in the process of revising its Surface Water Management Plan (SWMP) to establish consistency the current Municipal Separate Storm Sewer System General Permit (MS4 permit) implemented by the Minnesota Pollution Control Agency (MPCA). Lilydale staff submitted the draft SWMP for review by the Lower Mississippi River Watershed Management Organization (LMRWMO) on October 17, 2022. Lilydale staff also submitted the draft SWMP to the Metropolitan Council for review. Lilydale staff submitted the draft SWMP in a format illustrating changes relative to the current SWMP; the LMRWMO Board of Managers reviewed and approved the current SWMP on September 12, 2018.

As the 2018 SWMP was approved by the LMRWMO, formal review by LMRWMO staff is limited to the tracked changes performed relative to the current LMRWMO Watershed Management Plan. In this respect, LMRWMO staff find the draft SWMP consistent with the current LMRWMO Watershed Management Plan. The Metropolitan Council provided a letter (attached) dated December 1, 2022 stating the draft SWMP is consistent with its policies. Therefore, we recommend that the Board of Managers approve of the SWMP, as revised.

LMRWMO staff provided additional comments noting inconsistencies with the draft 2023-2032 LMRWMO Watershed Management Plan. Per Section 5.5.1 of the draft 2023-2032 LMRWMO Plan, the City is granted a 2-year period to bring the SWMP into compliance with the new LMRWMO Plan following adoption of the new LMRWMO (anticipated in February 2023).

Requested Manager Action: Approve the draft City of Lilydale SWMP, as revised, and direct LMRWMO staff to prepare and send a letter to the City of Lilydale and its consultants communicating its approval and include comments provided relative to the draft 2023-2032 LMRWMO Plan.

LMRWMO Comments/Recommendations (by City SWMP page number)

Note: the following comments are provided relative to the draft 2023-2032 LMRWMO Plan. The City is not obligated to address these comments prior to adoption of the 2023-2032 LMRWMO Plan.

Page 5-3

Comment: Policy 5.1.2.12 WQ12 notes that the City will manage land alteration activities and stormwater management in accordance with City ordinance, the MPCA's Construction Stormwater Permit, the MPCA's MS4 General Permit, and the Mississippi River Critical Corridor Area (MRCCA) ordinance. Consider adding the policies of the LMRWMO to the list of applicable regulatory documents.

Page 5-4

Comment: Policy 5.3.2.1 SWQ1 references a LMRWMO policy requiring total phosphorus reduction of 50% for development and redevelopment projects. With its draft 2023-2032 Plan, the LMRWMO has revised its water quality performance standard from a percent reduction standard to an infiltration-based standard similar to the Construction Stormwater Permit and MS4 permit. Policy P1 of the draft 2023-2032 Plan states:

Member cities shall require permanent water quality treatment for projects that disturb one acre or more (including projects less than one acre that are part of a larger common plan of development totaling one acre or more). Volume reduction practices shall be considered as the preferred water quality treatment practice provided that infiltration can be achieved consistent with the guidance and prohibitions described in the MPCA's MS4 Stormwater General Permit and Minnesota Stormwater Manual. Minimum water quality treatment volumes are defined for non-linear and linear projects as:

- **Non-linear projects:** 1 inch of runoff from new or redeveloped impervious surface.
- **Linear projects:** 1 inch of runoff from new impervious surface or 0.5 inch of runoff from new and redeveloped impervious surface, whichever is greater. Where the entire treatment volume cannot be treated within the existing right-of-way, a reasonable attempt to treat stormwater must be made consistent with the MS4 permit, as updated.

Where volume reduction practices are prohibited or cannot be achieved at reasonable cost, member cities may require wet detention, filtration, or other water quality treatment methods consistent with the most current version of the MPCA's MS4 Stormwater General Permit and Minnesota Stormwater Manual to achieve at least 50% total phosphorus removal (annual load from the total project site). Member cities may choose to enforce more stringent water quality performance standards.

The LMRWMO acknowledges that infiltration is prohibited within much of the city due to site restrictions identified in the Construction Stormwater Permit and MS4 General Permit. Thus, the 50% total phosphorus reduction criterion remains as an alternative for some sites.

To: LMRWMO Board of Managers
From: Greg Williams
Subject: Review of the City of Lilydale Surface Water Management Plan (SWMP) 2022 Update
Date: December 5, 2022
Page: 3

Policy 5.3.2.1 SWQ1 must be revised to align with the updated LMRWMO stormwater quality performance standard for development and redevelopment within 2 years of adoption of the 2023-2032 LMRWMO Plan.

**FY-21 Watershed Based Implementation Funding Work Plan and Budget for the
Lower Mississippi River Watershed Management Organization for Work Performed by the
Dakota County Soil and Water Conservation District**

TASK		CALCULATION			SUBTOTAL
Administration		Hours	Rate	Fees	
Administration		110	\$90.00	\$200.00	\$10,100.00
<ul style="list-style-type: none"> • Manage the grant and provide overall administration of funds, match requirements, and grant reporting. • Coordinate with State Agency contacts regarding all aspects of the grant. • Maintain program and project files to include appropriate documents as reference. Maintain financial records to include all revenue and expenses associated with this grant, as well as expenditures on projects. • Provide entries and status reporting into the eLINK system. Provide website support to follow BWSR website grant reporting requirements. 					
Project Development		134	\$90.00	\$0.00	\$12,060.00
<ul style="list-style-type: none"> • Implement activities outlined in grant work plan. • Coordinate with project stakeholders to finalize the terms of implementation of this project and create a detailed scope of work for procurement of a feasibility study consultant • Organize stakeholder meetings to inform and coordinate with affected parties. • Create joint powers agreement (JPA) to define financial responsibilities of project cooperators. • Communicate with project partners and stakeholders before, during, and after feasibility study is undertaken. • Provide direction to feasibility study consultant on study details. 					
Total					\$22,160.00
Total Agreement Not-to Exceed					\$22,160.00

Notes:

1. Additional items may be required of the SWCD during the workplan timeframe and individual budget amounts may change as work progresses. If proposed changes are to exceed the total agreed amount, this work plan can be amended as jointly approved by the LMRWMO and SWCD.
2. Minnesota Board of Water & Soil Resources grants require the use of their billable rate process for work completed by Soil & Water Conservation Districts and other local units of government. The hourly rate is an estimate and the actual BWSR billable rates will apply.



Grant Workplan

Watershed Based Implementation FEB 2021

Grant Title - 2021 Metro Mississippi East – Lower Mississippi River WMO

Grant ID - C21-3381

Organization - Lower Mississippi River WMO

Original Awarded Amount	\$93,042.00	Grant Execution Date	4/14/2021
Required Match Amount	\$9,304.20	Original Grant End Date	12/31/2023
Required Match %	10%	Grant Day To Day Contact	Joe Barten
Current Awarded Amount	\$93,042.00	Current End Date	12/31/2023

Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$93,042.00	\$0.00	\$93,042.00
Total Match Amount	\$9,304.00	\$0.00	\$9,304.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$102,346.00	\$0.00	\$102,346.00

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Administration	Administration /Coordination	Current State Grant	2021 Metro Mississippi East – Lower Mississippi River WMO	\$10,042.00			N
Mississippi River Ravine Erosion and Direct Drainage Study - Implementation	Planning and Assessment	Current State Grant	2021 Metro Mississippi East – Lower Mississippi River WMO	\$71,000.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Mississippi River Ravine Erosion and Direct Drainage Study - Implementation	Planning and Assessment	Local Fund	LMRWMO General Fund	\$9,304.00			Y
Project Development	Project Development	Current State Grant	2021 Metro Mississippi East – Lower Mississippi River WMO	\$12,000.00			N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Grant Activity

Grant Activity - Administration	
Description	LMRWMO contracted staff will manage the grant and provide overall administration of grant funds and local match requirements. This includes coordination with projects partners to ensure compliance with grant requirements. The LMRWMO will maintain financial and project records as appropriate and will follow website grant reporting requirements. This task also includes all grant reporting efforts, including communication with BWSR staff as necessary in administration of the grant, and development of project reporting. Program and project files will include appropriate documents as referenced in the BWSR Grants Administration Manual. Financial records will include all revenue and expenses associated with this grant, reporting of contracted labor via invoices, as well as other expenditures on projects.
Category	ADMINISTRATION/COORDINATION
Has Rates and Hours?	Yes

Grant Activity - Mississippi River Ravine Erosion and Direct Drainage Study - Implementation

Description	<p>This activity includes a study of the direct drainage watersheds to the Mississippi River within the LMRWMO to create a comprehensive and ranked water quality improvement project list for future implementation in those subwatersheds, focusing on erosion issues as well as stormwater management projects.</p> <p>Activities may include watershed modeling, preliminary desktop mapping, field reconnaissance, landowner outreach, cost benefit analysis, pollutant calculations, priority practice ranking, and a final report.</p> <p>Work to be performed by a qualified consultant, likely a licensed engineer through a water resources engineering consulting firm. Appropriate consultants will be selected via a bidding or proposal process and ranked with a multi-variable review process by LMRWMO staff and Board members.</p> <p>Overall Measureable Outcome: Final report with a prioritized project list identifying the location, extent, cost, and pollutant reduction benefits to repair ravine erosion as well as the location, cost, and pollutant reduction benefits of feasible stormwater quality and rate control projects within direct drainages of the Mississippi River.</p> <p>Year 1 Milestones: N/A - Begin activities outlined in project development phase.</p> <p>Year 2 milestones: Continue project development activities. Have consultant under contract, site investigation and analysis underway and draft report in process.</p> <p>Year 3 Milestones: Complete final feasibility study for distribution to project stakeholders.</p>
Category	PLANNING AND ASSESSMENT
Has Rates and Hours?	No

Grant Activity - Project Development	
Description	<p>LMRWMO contracted staff will provide the following services in development of the Mississippi River Ravine Erosion and Direct Drainage Study: Coordination between project stakeholders to finalize the terms of implementation of this project and creation of a detailed scope of work for procurement of a feasibility study consultant, organizing stakeholder meetings to inform and coordinate with affected parties and the Cities involved, communication with project partners and stakeholders before, during, and after feasibility study is undertaken, providing direction to feasibility study consultant on study details. Approximate workload distribution within this activity: 40% stakeholder coordination, 60% consultant coordination.</p> <p>Year 1 Milestones: Hold one stakeholder meeting to discuss project objectives.</p> <p>Year 2 milestones: Coordinate consultant selection and have consultant under contract.</p> <p>Year 3 Milestones: Complete oversight of final report submittal by consultant.</p>
Category	PROJECT DEVELOPMENT
Has Rates and Hours?	Yes

Grant Attachments

Document Name	Document Type	Description
2021 Watershed Based Implementation Funding	Grant Agreement	2021 Watershed Implementation Funding - Lower Mississippi River WMO
2021 Watershed Based Implementation Funding EXECUTED	Grant Agreement	2021 Watershed Implementation Funding - Lower Mississippi River WMO
Application	Workflow Generated	Workflow Generated - Application - 02/02/2021
LMRWMO Signed Grant Agreement	Grant	2021 Metro Mississippi East – Lower Mississippi River WMO
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/29/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/02/2021

9.1 FY-23 WBIF Convene Meeting

Project Type	Activity Category	Entity Requesting Funding (Grantee)	Activity Name	Activity Description	Water Resource(s) Benefited	Grant Fund Request	Local Match	Total Activity Cost	Proposed Measurable Outcome(s) of Activity	Timeframe of Implementation	LMRWMO Plan Reference*	Is The Activity Scalable?
Primary	Assessment and Engineering	Lower Mississippi River WMO	LMRWMO Watershed Hydrologic, Hydraulic, and Water Quality Model	Combine City GIS, storm sewer, and subwatershed data to develop a hydrologic, hydraulic, and water quality model of the watershed - beginning with watersheds of high priority lakes and expanding to including the entire LMRWMO as resources allow. Models would be developed in XPSWMM or PCSWMM and P-8 programs. With the current anticipated funding, the initial modeling extent would include the drainage areas of priority 1A lakes (Thompson Lake, Rogers Lake, Seidls Lake), priority 1B Lake Augusta. The model would be maintained by LMRWMO staff and updated regularly to reflect land use changes. The modeling effort will lead to improved water quality in the above-listed lakes (and the downstream Mississippi River) by allowing the LMRWMO and member cities to better understand hydrologic and pollutant loading hot spots and identify, prioritize, and evaluate future project benefits - especially those that include volume reduction to address both flood risk and water quality issues.	LMRWMO Priority 1A Lakes (Thompson, Seidls, Rogers) LMRWMO Priority 1B Lakes (Augusta)	\$118,385	\$20,000	\$138,385	The LMRWMO will have models to help prioritize and implement water quality improvement projects that do not currently exist.	(2023) Solicit proposals from Consultants (2024-2025) Consultant performs modeling	LMRWMO Watershed Management Plan Table 5-1 (Implementation Schedule) Item ID #S-6 and #S-7	Yes. If funding is sufficient, this study could be expanded.
Backup Project	Projects & Practices	Lower Mississippi River WMO	Implement stabilization projects along Interstate Valley Creek	A feasibility study of prioritized stabilization projects along Interstate Valley Creek and its tributaries will be completed in 2022. This project will refine designs and implement 1-3 projects from the top 10 highest ranked projects in that study, based on pollutant reductions (sediment and phosphorus) and volume reduction to reduce in-stream erosion.	Interstate Valley Creek	\$118,385	\$11,839	\$130,224	Implement projects to stabilize stream erosion and reduce peak flows along Interstate Valley Creek.	(2023) Solicit proposals from Consultants for design and initiate project design (2024) Complete project design and bidding (2024-2025) Install projects	LMRWMO Watershed Management Plan Table 5-1 (Implementation Schedule) Item ID #P-3	Yes, multiple projects are identified and depending on available funding, additional projects could be implemented.
						\$236,770	\$31,839	\$268,609	Total Requested Funding			
						\$118,385			Total Allocation Available			
						\$118,385			Difference			