



Board of Managers Meeting Agenda

Wednesday - February 12th, 2020 - 3:00 p.m.

South St. Paul City Hall

125 3rd Avenue North

South St. Paul, MN 55075

1. Call Meeting to Order
 - 1.1 Public Comment / Introductions
Audience members may address the Board regarding items not on the agenda. Please limit to three minutes.
 - 1.2 Approval of Agenda* (Additions/Corrections/Deletions) Action
2. Approval of January 8th, 2020 Meeting Minutes - Chair* Action
3. Election of Officers - Chair* Action
4. Approval of February 12th, 2020 Financial Summary & Invoices - Treasurer* Action
5. Presentation on Metro Watershed Based Funding - BWSR* Discussion
6. Consider 2020 Membership for Metro Watershed Partners - SWCD* Discussion/Action
7. Consider Potential LMRWMO and Ramsey County Agreement for Technical Assistance - SWCD* Discussion/Action
8. Discuss 2020 Water Monitoring Plan and Select Waterbodies for Inclusion - SWCD* Discussion/Action
9. Discuss Stakeholder Engagement Program Design for LMRWMO Watershed Management Plan Update - Barr Discussion/Action
10. Updates and Handouts
 - 10.1 Grant Tracking Update - Barr** Information
 - 10.2 LMRWMO Grant/Project Update - SWCD* Information/Presentation
 - 10.3 Barr Engineering 2020 Fee Schedule - Barr* Information
 - 10.4 Response to Capitol Region Watershed District Draft Plan - SWCD* Information
 - 10.5 Other Updates / Member City Updates Information
11. Agenda Items for Next Meeting: March 11th, 2020, Inver Grove Heights - Veterans Memorial Community Center
12. Adjourn

*Materials included in full packet

**Materials available separately on website:

www.dakotacountywcd.org/watersheds/lowermisswmo/agendas.html



MEETING MINUTES

Board of Managers Regular Meeting

January 8, 2020 - 3:00 p.m.

City Hall, South St. Paul, MN

Managers and Alternates in Attendance:

Sharon Lencowski, (Chair) Inver Grove Heights
Sheila Vanney, West St. Paul
Jill Smith, Mendota Heights (Alt)
John Ross, (Alt) South St. Paul

Karen Reid, (Vice Chair) Saint Paul
Lyle Hanzal, (Alt) Lilydale
Tom Sutton, Lilydale
Patti O'Leary, Sunfish Lake

Advisors and Others in Attendance:

Pat Murphy, Saint Paul
Ryan Ruzek, Mendota Heights
Dawn Gaetke, Inver Grove Heights
Cody Joos, West St. Paul

Tom Kaldunski, Inver Grove Heights
Krista Spreiter, Mendota Heights
Greg Williams, Barr Engineering
Joe Barten, Dakota County SWCD

1. Call Meeting to Order

The meeting was called to order by Chair Lencowski at 3:05 p.m.

1.1 Public Comment / Introductions

1.2 Approval of Agenda

Lencowski asked for any changes to the agenda; there were none.

MOTION by Reid to approve the agenda for the January 8, 2020 meeting, second by O'Leary; motion passed.

2. Approval of December 11, 2019 Meeting Minutes

Lencowski asked if there were any changes to the previous meeting minutes; there were none.

MOTION by Smith to approve the minutes from the December 11, 2019 meeting; second by Reid; motion passed.

3. Approval of January 8, 2020 Financial Summary & Invoices

Spreiter provided an overview of the financial summary including invoices to be paid and recommended approval. Sutton asked about the cost excavation for the Seidl's Lake project and there was discussion on overall project costs. Barten will provide a brief presentation on the project at a future meeting.

MOTION by Sutton to approve the January 8, 2020 financial summary and invoices to be paid, second by O'Leary; motion passed.

4. Authorize Barr Engineering to Update Seidl's Lake Outlet Cost Allocation

The Board discussed what would be necessary to update the Seidl's Lake outlet cost allocation between the Cities of South St. Paul, West St. Paul, Inver Grove Heights, and MnDOT. Williams estimated that the cost to update the allocation would be around \$5,000.

MOTION by Sutton to approve Barr Engineering staff to coordinate with project partners to update the Seidl's Lake outlet project cost allocation, in an amount not to exceed \$5,000.00, second by O'Leary; motion passed.

5. Consider Providing Response to Capitol Region Watershed District Draft Implementation Plan Item

Barten summarized the information provided in the packet. The Board discussed the potential implications of such an investigation for the City and Capitol Region Watershed District (CRWD). The Board expressed their desire to maintain the current boundary and inform the CRWD as soon as possible that the LMRWMO Board is in opposition to them investigating a boundary change and that the LMRWMO has no interest in modifying the current boundary. Murphy expressed his support to maintain the current boundaries. Vanney, Reid and others discussed the connectedness of intercommunity drainage, alignment of current boundaries based on hydrologic boundaries, and lack of necessity for a structural organizational change. The Board expressed that should CRWD want to collaborate on a project or initiative in the future, the Board would be open to that type of partnership.

MOTION by Smith to provide a response to the CRWD indicating the LMRWMO is in direct opposition to the CRWD inclusion of the item in their draft Watershed Management implementation plan titled "St. Paul Westside water management exploration", and that the LMRWMO has no interest in a boundary change or CRWD investigating a boundary change, second by Sutton; motion passed.

6. Discuss Proposals & Select Consultant to Create 4th Generation LMRWMO Watershed Management Plan

Five proposals were received, which were ranked by the individual committee members and discussed by a review committee. The committee recommends that Barr Engineering be chosen as the consultant to create the LMRWMO 4th Generation Watershed Management Plan.

MOTION by Vanney to select Barr Engineering as the Consultant to Create a 4th Generation LMRWMO Watershed Management Plan and authorize the Board Chair to enter into a contract between the LMRWMO and Barr, as outlined in the Barr proposal included in the packet, second by Smith; motion passed.

7. Updates

7.1 Grant Tracking Update

There were no items of note to report on the grant tracking spreadsheet. There was discussion on grant applications sought by the LMRWMO member Cities.

7.2 Final 2020 LMRWMO Board Meeting Schedule

The final 2020 LMRWMO Board Meeting Schedule was distributed.

7.3 Member City Updates

Member cities provided updates on current project.

8. Agenda Items for Next Meeting

Visioning – MCWD, Basset Perspectives
How do we involve city councils

9. Adjourn - Meeting adjourned by Chair Lencowski at 4:10 p.m.

LMRWMO Board of Managers Typical Officer Elections Process

(Modified from Robert's Rules of Order)

General

It can be helpful for elections to follow the nomination for each individual office. For example, nominate and elect the Chair, then nominate and elect the Vice-Chair, then nominate and elect the Secretary/Treasurer. The main advantage here is that it allows members to consider the election results of one office before proceeding to the election of another office.

Nominations for an Office

Nominations can be made in a few ways:

- From the floor – any member can call out a person to be nominated
- By the chair – the chair can nominate any member or themselves for a position
- A member can nominate themselves

Nominees don't have to leave the room during nominations, when a vote is taken, or when the vote is counted. If there are multiple nominees and the Chair would like to use a roll call, they can ask the multiple nominees to step out of the room to keep the vote anonymous.

A person can serve in more than one office if elected.

Motions to close nominations are unnecessary. The Chair waits until no one wishes to make further nominations, then the chair declares nominations closed after asking 3 times for more nominations.

Election for an Office Options to Utilize at Board Chair Discretion

If only one candidate, they can easily be elected via a voice vote:

- Board Chair: "John Smith has been nominated for the office of Vice-Chair, do we have a motion for John Smith to serve as the LMRWMO Vice-Chair for 2018?" Motion is then seconded and passed.

If multiple nominations, can do a voice vote:

- Ask members to raise their hand for Candidate A, count hands. Then ask to raise hands for Candidate B, count hands. This can tend to favor the candidate listed first.

If multiple nominations, can do a roll call vote:

- Each member announces their vote when their name is called. The secretary repeats the vote after recording it, to ensure accuracy. Nominees could remain in room or be asked to leave room.

If multiple nominations, can do a ballot vote:

- Ask nominees to leave room and then ask members to raise their hand for Candidate A, count hands. Then ask to raise hands for Candidate B, count hands. Call nominees back into room. This could be a more fair way to vote with multiple candidates.



FINANCIAL SUMMARY
January 9, 2020 to February 12, 2020

Beginning Balance - Key Community Bank			\$351,687.59
Interest	12/31/2019 December Interest	+	\$24.87
		+	
Deposits		+	
		+	
		+	

To be approved at this meeting:

Key Community Bank:

Bank Fee	12/31/2019	Paper Statement Fee	-	\$2.00
3689	2/12/2020	Barr Engineering	-	\$1,738.50
3690	2/12/2020	Campbell Knutson	-	\$255.00
3691	2/12/2020	Dakota County Soil & Water Conservation District	-	\$14,455.10
			-	
			-	
			+	255.00
Available Balance at Key Community Bank				\$335,261.86 \$335,516.96

Gateway Bank Accounts:

	<u>Savings</u>		<u>Balance</u>	\$70,667.08
Deposits	Interest	1/31/2020	+	\$60.02
			+	
			-	
		<u>Ending Balance</u>		\$70,727.10
	<u>Checking</u>		<u>Balance</u>	\$1,000.00
			-	
		<u>Ending Balance</u>		\$1,000.00

Available Balance at Gateway Bank **\$71,727.10**

Available Balance - Key Community & Gateway Banks

~~\$406,988.96~~
\$407,243.96
\$40,000.00

4th Generation Plan Balance for 2019

*Balance includes dedicated funds to 4th Generation Watershed Plan



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

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

January 28, 2020
Invoice No: 23190078.00 - 224

Total this Invoice	\$1,738.50
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Regarding: Watershed Management Organization

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

- Draft memorandum exploring grant opportunities for Seidls Lake vegetation restoration
- Preparing for and attending the December 11, 2019 Board of Managers meeting
- Preparing the Lake Augusta 2019 water quality monitoring summary
- Communicating with LMRWMO Administrator and project management

Professional Services from November 30, 2019 to December 27, 2019

Job	2019	2019 Engineering Services
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Task	001	Board Meetings
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Labor Charges

	Hours	Rate	Amount	
Principal				
Kieffer, Janna	.20	165.00	33.00	
Engineer / Scientist / Specialist III				
Williams, Sterling	3.50	140.00	490.00	
	3.70		523.00	
Subtotal Labor				523.00
		Task Subtotal		\$523.00

Task	002	Technical Assistance
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Labor Charges

	Hours	Rate	Amount	
Principal				
Kieffer, Janna	4.20	165.00	693.00	
Engineer / Scientist / Specialist I				
Olsen, Tyler	.90	85.00	76.50	
Support Personnel II				
Nypan, Nyssa	.50	95.00	47.50	
	5.60		817.00	
Subtotal Labor				817.00
		Task Subtotal		\$817.00

PLEASE REMIT TO ABOVE ADDRESS and INCLUDE INVOICE NUMBER ON CHECK.

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

Task	004	Lake Augusta Monitoring & Report
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Labor Charges

	Hours	Rate	Amount
Consultant / Advisor			
Wilson, Gregory	2.00	165.00	330.00
Technician I			
Melmer, David	.30	90.00	27.00
Support Personnel II			
Nypan, Nyssa	.30	95.00	28.50
Support Personnel I			
Anderson, Nicolle	.20	65.00	13.00
	2.80		398.50

Subtotal Labor**398.50****Task Subtotal****\$398.50****Job Subtotal****\$1,738.50****Total this Invoice****\$1,738.50**

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

Tuesday, January 28, 2020

Barr Engineering Co. Invoice 224 Dated 1/28/2020 8:38:04 AM

Job	2019	2019 Engineering Services
Task	001	Board Meetings

Labor Charges

			Hours	Rate	Amount
Principal					
Principal					
JMK2	1 - Kieffer, Janna	12/12/2019	.20	165.00	33.00
board meeting follow-up discussion w/SGW					
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	3 - Williams, Sterling	12/11/2019	3.50	140.00	490.00
Prep for, travel to/from, attend board meeting					
			3.70		523.00
Subtotal Labor					523.00
Task Subtotal					\$523.00

Task	002	Technical Assistance
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Labor Charges

			Hours	Rate	Amount
Principal					
Principal					
JMK2	1 - Kieffer, Janna	12/3/2019	.10	165.00	16.50
	coordinate/prepare meeting materials- including memo re Seidls grant opportunities				
JMK2	1 - Kieffer, Janna	12/4/2019	1.60	165.00	264.00
	coordinate/prepare meeting materials- including memo re Seidls grant opportunities				
JMK2	1 - Kieffer, Janna	12/5/2019	2.20	165.00	363.00
	coordinate/prepare meeting materials- including memo re Seidls grant opportunities				
JMK2	1 - Kieffer, Janna	12/27/2019	.30	165.00	49.50
	invoicing, budget status review				
Engineer / Scientist / Specialist I					
Engineer / Scientist / Specialist I					
TAO2	5 - Olsen, Tyler	12/2/2019	.80	85.00	68.00
	LMRWMO grant research and summary to Janna				
TAO2	5 - Olsen, Tyler	12/4/2019	.10	85.00	8.50
	Discussion with Janna; send hours for CPL grant from MN Arboretum				
Support Personnel II					
Support Personnel II					
NJN	9 - Nypan, Nyssa	12/3/2019	.50	95.00	47.50
			5.60		817.00
Subtotal Labor					817.00

PLEASE REMIT TO ABOVE ADDRESS and INCLUDE INVOICE NUMBER ON CHECK.

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	224
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Task Subtotal \$817.00

Task 004 Lake Augusta Monitoring & Report

Labor Charges

			Hours	Rate	Amount	
Consultant / Advisor						
	Consultant / Advisor					
GJW	2 - Wilson, Gregory	12/2/2019	2.00	165.00	330.00	
	2019 lake monitoring summary					
Technician I						
	Technician I					
DJM	8 - Melmer, David	12/4/2019	.30	90.00	27.00	
	2019 File from Library--sort/file all data					
Support Personnel II						
	Support Personnel II					
NJN	9 - Nypan, Nyssa	12/27/2019	.30	95.00	28.50	
Support Personnel I						
	Support Personnel I					
NLA	10 - Anderson, Nicolle	12/2/2019	.20	65.00	13.00	
	BarrCAT records creation - new project folders					
			2.80		398.50	
	Subtotal Labor					398.50
				Task Subtotal		\$398.50
				Job Subtotal		\$1,738.50
				Total this Project		\$1,738.50
				Total this Report		\$1,738.50

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

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

Page: 1
December 31, 2019
Account # 601-0000G
64

RE: GENERAL SERVICES
RENDERED TO DATE:

PREVIOUS BALANCE

\$255.00

TOTAL AMOUNT DUE

\$255.00

Paid 1-16-20

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



**Dakota County Soil & Water
Conservation District**

4100 220th Street W., Suite 102

Farmington, MN 55024

Invoice

DATE	INVOICE #
1/10/2020	2958

BILL TO

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

Reference

TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
	Thompson, Sunfish, Augusta CWF Grant Tasks October 6 - December 31, 2019			
LMR WM...	THOMPSON LAKE STORMWTR IMPROVEMENT GRANT Grant Administration:			0.00
LMR WM...	Project Development: Contractor change order meeting. (1.50 Hours)		112.50	112.50
LMR WM...	Education and Outreach			0.00
LMR CWF...	SUNFISH / AUGUSTA LAKE Grant Administration:			0.00
LMR CWF...	Project Development			0.00
	1.50 Hours at BWSR Required Billable Rate.			

Thank you.

Total

\$112.50



**Dakota County Soil & Water
Conservation District**

4100 220th Street W., Suite 102

Farmington, MN 55024

Invoice

DATE	INVOICE #
1/10/2020	2961

BILL TO

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

Reference

TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
	Cherokee Heights CWF Grant Tasks October 6 to December 31, 2019			
LMR CWF...	Administration			0.00
LMR CWF...	Project Development: Coordinate additional stabilization project with engineering consultant, on-site meeting and followup. (5.00 Hours)		375.00	375.00
LMR CWF...	Education and Outreach & Rainbarrel Program 5.00 Hours at BWSR Required Billable Rate.			0.00
Thank you.			Total	\$375.00



Invoice

Dakota County Soil & Water Conservation District

4100 220th Street W., Suite 102

Farmington, MN 55024

DATE	INVOICE #
1/10/2020	2964

BILL TO

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

Reference

TERMS

ITEM CODE	DESCRIPTION	HOURS	RATE	AMOUNT
	October - December 2019			
Lower Mis...	Administrative Assistance: Board Meeting Coordination, Packets Generated, Attend, Follow-Up (October 9, November 13, December 11). Watershed Plan Request for Proposals Coordinated, Noticed. Attend Watershed Based Funding meeting, MPCA Water Monitoring meeting, Dakota County Groundwater Plan meeting, follow-up as needed. Thompson Lake raingarden planting, Water Resources Conference Presentation. Seidl's Lake Meeting, outlet project, information to Met Council. Other Board Member updates and coordination.	67	80.00	5,360.00
Lower Mis...	Printing, Paper, Postage Expense		97.10	97.10
Lower Mis...	Education and Outreach Assistance: Master Water Stewards Program Coordination	20	80.00	1,600.00
Lower Mis...	Website Updates	4.5	80.00	360.00
Lower Mis...	Website Hosting Fee		25.00	25.00
Lower Mis...	Technical Assistance and Project Implementation: Landscaping for Clean Water Grants: Helwig, Hutchins, McLean, Monroe, Lonnquist, Errante, Slater, Kruse	8	250.00	2,000.00
Lower Mis...	Landscaping for Clean Water Technical Assistance: Helwig, Hutchins, McLean, Monroe, Lonnquist, Errante, Slater, Kruse	8	500.00	4,000.00
Lower Mis...	Lake Water Monitoring: Volunteer Coordination	1	80.00	80.00
Lower Mis...	Water Monitoring	2	80.00	160.00
Lower Mis...	Met Council - Lab Analysis Expense		285.50	285.50

Thank you.

Total \$13,967.60

HELWIG

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 180 sq. ft. residential native garden.

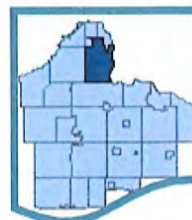
COST: Project materials cost estimated at \$325

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:

4630 Bower Path
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

INSTALLATION:

- Summer 2019

HUTCHINS

RESIDENTIAL RAINGARDEN



BEFORE

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



AFTER

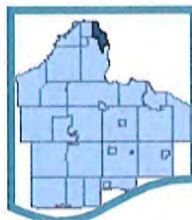
PROJECT: Installation of a 400 square foot residential raingarden

COST: Project materials cost estimated at \$1,840

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:
732 23rd Ave N
South St Paul



PRACTICE:

- Raingarden

BENEFITS:

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

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

- Lower Mississippi River

INSTALLATION:

- Summer 2019

MCLEAN ENGLUND

RESIDENTIAL RAINGARDEN



BEFORE

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



AFTER

PROJECT: Installation of a 125 square foot residential raingarden

COST: Project materials cost estimated at \$635

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 outreach and education
- Improved aesthetics

PARTNERS:

- Lower Mississippi River Watershed Management Organization

WATERSHED:

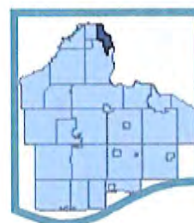
- Lower Mississippi River

INSTALLATION:

- Summer 2019

LOCATION:

604 Turin Ave
South St Paul





MONROE

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 630 sq. ft. residential native garden.

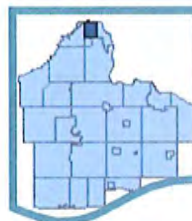
COST: Project materials cost estimated at \$1,030

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:

1280 Ohio St
West St Paul



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

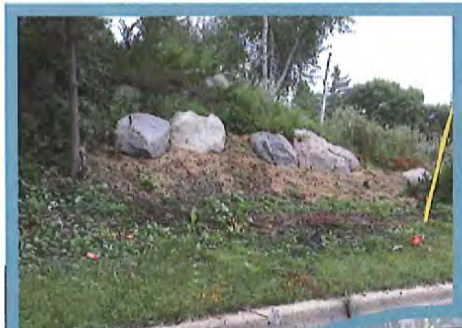
INSTALLATION:

- Summer 2019



LONNQUIST

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 140 sq. ft. residential native garden.

COST: Project materials cost estimated at \$375

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:

- 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

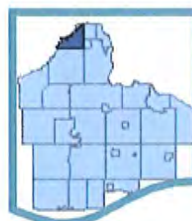
INSTALLATION:

- Summer 2019

LMR WMO
LOWER MISSISSIPPI RIVER
WATERSHED MANAGEMENT ORGANIZATION

LOCATION:

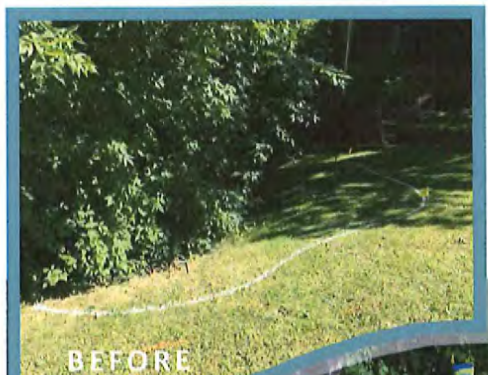
740 Mendota Heights Rd
Mendota Heights





ERRANTE

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

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 2019

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

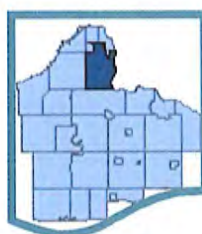
COST: Project materials cost estimated at \$306.00

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:

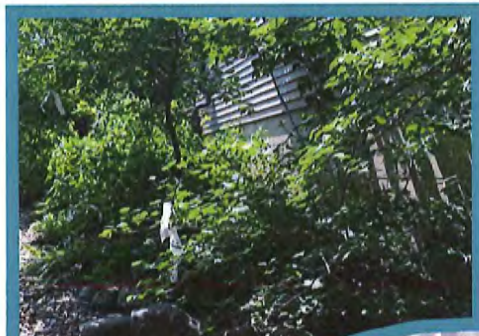
7555 Banning Way
Inver Grove Heights





SLATER

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 150 sq. ft. residential native garden.

COST: Project materials cost estimated at \$375

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:

- 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:

- Fall 2019

LOCATION:

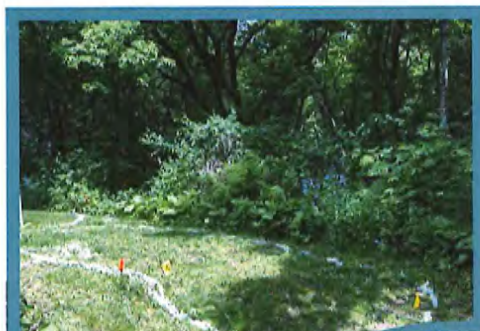
2464 Pond Cir E
Mendota Heights





KRUSE

RESIDENTIAL RAINGARDEN



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:

- Fall 2019

PROJECT: Installation of a 350 square foot residential raingarden.

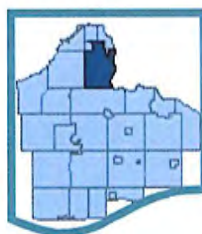
COST: Project materials cost estimated at \$650

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:

7591 Banning Way
Inver Grove Heights



Billing Information

Date: 20-AUG-2019

From: Metropolitan Council Environmental Services

Contact: Mallory Vanous | 651-602-8219 | mallory.vanous@metc.state.mn.us

To: **Dakota County Soil and Water Conservation District**
4100 220th Street West, Suite 102
Farmington, MN 55024

Attn: **Lindsey Albright (Lindsey.Albright@co.dakota.mn.us)**

Account: 0

Bill Amount: \$ 70.50

Billing Interval: 1-APR-2019 to 1-JUL-2019

Project: **5514-19-01**
Dakota County SWCD: Volunteer Stream Monitoring Project
LMRWMO

Jobs included:

5514-19-01. 1 10-18
5514-19-01. 2 10-25

<u>Analysis ID</u>	<u>Analysis Description</u>	<u>Count</u>	<u>Cost/Test</u>	<u>Total/Test</u>
NUT-AV	Kjeldahl Nitrogen and Phosphorus; total; autoanalysis by volume	2	\$ 15.25	\$ 30.50
TSSVSS-GF	Suspended and volatile suspended solids	2	\$ 12.25	\$ 24.50
CLA-TR-CS	Chlorophylls (sonify); trichrom a; b and c; -mono chrom- pheophytin corrected and viability indicators;extraction by sonification in 90%	1	\$ 15.50	\$ 15.50

ok to pay
8-26-19
JBA
LMRWMO

Total: \$ 70.50

LMR WMO Expense

Billing Information

Date: 4-NOV-2019

From: Metropolitan Council Environmental Services

Contact: Mallory Vanous | 651-602-8219 | mallory.vanous@metc.state.mn.us

To: **Dakota County Soil and Water Conservation District**
4100 220th Street West, Suite 102
Farmington, MN 55024

Attn: **Lindsey Albright (Lindsey.Albright@co.dakota.mn.us)**

Account: 0

Bill Amount: \$215.00

Billing Interval: 1-JUL-2019 to 1-OCT-2019

Project: **5514-19-01**
Dakota County SWCD: Volunteer Stream Monitoring Project
LMRWMO

Jobs included:

5514-19-01. 3
5514-19-01. 4
5514-19-01. 5
5514-19-01. 6
5514-19-01. 7

<u>Analysis ID</u>	<u>Analysis Description</u>	<u>Count</u>	<u>Cost/Test</u>	<u>Total/Test</u>
NUT-AV	Kjeldahl Nitrogen and Phosphorus; total; autoanalysis by volume	5	\$ 15.25	\$ 76.25
TSSVSS-GF	Suspended and volatile suspended solids	5	\$ 12.25	\$ 61.25
CLA-TR-CS	Chlorophylls (sonify): trichrom a; b and c; -mono chrom- pheophytin corrected	5	\$ 15.50	\$ 77.50

and viability
indicators; extraction by
sonification in 90%

Total: \$215.00

LMR WMO Expense

FARMINGTON
216 OAK ST
FARMINGTON, MN 55024-1240
263130-0044
(800)275-8777
12/16/2019 09:51 AM

Product	Qty	Unit Price	Price
PM 1-Day (Domestic) (SAINT PAUL, MN 55118) (Weight:1 Lb 7.60 Oz) (Expected Delivery Day) (Tuesday 12/17/2019) (USPS Tracking #) (9505 5139 6762 9350 3506 47)	1	\$7.85	\$7.85
Insurance (Up to \$50.00 included)			\$0.00
PM 1-Day (Domestic) (SAINT PAUL, MN 55120) (Weight:1 Lb 7.60 Oz) (Expected Delivery Day) (Tuesday 12/17/2019) (USPS Tracking #) (9505 5139 6762 9350 3506 54)	1	\$7.85	\$7.85
Insurance (Up to \$50.00 included)			\$0.00
PM 1-Day (Domestic) (INVER GROVE HEIGHTS, MN 55077) (Weight:1 Lb 7.70 Oz) (Expected Delivery Day) (Tuesday 12/17/2019) (USPS Tracking #) (9505 5139 6762 9350 3506 61)	1	\$7.85	\$7.85
Insurance (Up to \$50.00 included)			\$0.00
PM 1-Day (Domestic) (SAINT PAUL, MN 55118) (Weight:1 Lb 7.70 Oz) (Expected Delivery Day) (Tuesday 12/17/2019) (USPS Tracking #) (9505 5139 6762 9350 3506 78)	1	\$7.85	\$7.85
Insurance (Up to \$50.00 included)			\$0.00
PM 1-Day (Domestic) (INVER GROVE HEIGHTS, MN 55076) (Weight:1 Lb 7.60 Oz) (Expected Delivery Day) (Tuesday 12/17/2019) (USPS Tracking #) (9505 5139 6762 9350 3506 85)	1	\$7.85	\$7.85
Insurance (Up to \$50.00 included)			\$0.00
PM 1-Day (Domestic) (SAINT PAUL, MN 55118) (Weight:1 Lb 7.60 Oz) (Expected Delivery Day) (Tuesday 12/17/2019) (USPS Tracking #) (9505 5139 6762 9350 3506 92)	1	\$7.85	\$7.85
Insurance (Up to \$50.00 included)			\$0.00

Total: \$47.10

Credit Card Remitd \$47.10
(Card Name:MasterCard)
(Account #:XXXXXXXXXX8796)
(Approval #:654322)
(Transaction #:894)
(AID:A0000000041010 Chip)
(AL:Mastercard) Mastercard)
(PIN:Not Required)

Includes up to \$50 insurance

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USPS Tracking or call 1-800-222-1811.

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YOUR OPINION COUNTS

Receipt #: 840-55531164-2-3193500-2
Clerk: 01

**Dakota County Soil and Water Conservation District
2019 Employee Request for Reimbursement**

Employee Name: Joe Barten
 Address: 401 Lincoln Ave N
 City, State, Zip: New Prague, MN 56071

Date	Description	Miles	Rate	Amount	Account	Expense
10/01/2019	LMRWMO Master Water Stewards Meeting, IGH	42.40	0.580	\$24.59		\$0.00
10/09/2019	October Lower Mississippi River WMO Meeting	37.30	0.580	\$21.63		\$0.00
10/15/2019	Eagan-IGH WMO Meeting	8.60	0.580	\$4.99		\$0.00
10/15/2019	Water Resources Conference	39.20	0.580	\$22.74		\$0.00
10/16/2019	Water Resources Conference	39.20	0.580	\$22.74		\$0.00
11/13/2019	November Lower Mississippi River WMO Meeting	44.30	0.580	\$25.69		\$0.00
11/16/2019	Master Water Stewards Meeting, St. Paul	57.40	0.580	\$33.29		\$0.00
12/11/2019	December Lower Mississippi River WMO Meeting	44.30	0.580	\$25.69		\$0.00
12/16/2019	Postage for LMRWMO Plan proposal mailing		0.580	\$0.00		\$47.10
12/17/2019	Red Wing Steel Toe Work Boots		0.580	\$0.00		\$150.00
			0.580	\$0.00		\$0.00
			0.580	\$0.00		\$0.00
		0.00	0.580	\$0.00		\$0.00
				\$181.36		
Total:						\$197.10
						\$378.46

Employee Signature: 
 Date Submitted: 11-19-19
 District Manager Signature: 
 District Supervisor Signature: 

LMRWMO 2020 Financial Summary					
ESTIMATED REVENUES AND ASSETS		Actual Revenues		Total	Variance
	Budget	Dec 12 2019 - Jan 8 2020	Jan 9 - Feb 12 2020		
Use of Fund Balance	\$34,750			\$0.00	\$34,750.00
Dues from Members	\$110,224			\$0.00	\$110,224.00
Interest	\$500	\$81.25	\$84.89	\$166.14	\$333.86
Other/Grant Match	\$0			\$0.00	\$0.00
LMCIT Rebate	\$500	\$163.00		\$163.00	\$337.00
Other Grants	\$0.00	\$150,000.00		\$150,000.00	(\$150,000.00)
BWSR FY16-18 CWF & FY19 WBF Grants ²	\$250,000.00			\$0.00	\$250,000.00
TOTAL	\$395,974.00	\$150,244.25	\$84.89	\$150,329.14	
ESTIMATED EXPENSES AND LIABILITIES		Actual Expenses		Total	Balance Remaining
	Budget	Dec 12 2019 - Jan 8 2020	Jan 9 - Feb 12 2020		
Engineering/Technical Assistance					
Technical Assistance	\$5,500.00	\$317.00	\$817.00	\$1,134.00	\$4,366.00
Meetings	\$6,000.00	\$675.40	\$523.00	\$1,198.40	\$4,801.60
Plan Reviews	\$0.00			\$0.00	\$0.00
Watershed Plan Amendment	\$40,000.00			\$0.00	\$40,000.00
Project Planning/Implementation					
Plan Implementation	\$0.00			\$0.00	\$0.00
Landscaping for Clean Water Projects	\$15,000.00		\$6,000.00	\$6,000.00	\$9,000.00
Water Monitoring	\$6,500.00	\$330.00	\$924.00	\$1,254.00	\$5,246.00
Met Council 2017 Seidl's Lake Grant	\$0.00	\$150,000.00		\$150,000.00	(\$150,000.00)
Education					
Landscaping for Clean Water Workshops	\$6,400.00			\$0.00	\$6,400.00
Master Water Stewards Program	\$8,500.00	\$500.00	\$1,600.00	\$2,100.00	\$6,400.00
Storm Drain Stenciling Program	\$0.00			\$0.00	\$0.00
Storwater Signage Program	\$2,500.00			\$0.00	\$2,500.00
WMO Tabling/Event Materials	\$600.00			\$0.00	\$600.00
Host Neighborhood or Lake Assn. Mtgs	\$1,200.00			\$0.00	\$1,200.00
General Education Requests	\$1,000.00			\$0.00	\$1,000.00
Metro Watershed Partners Membership	\$1,000.00			\$0.00	\$1,000.00
Board Tour / Boat Tour	\$4,000.00			\$0.00	\$4,000.00
Website Maint.	\$1,700.00		\$385.00	\$385.00	\$1,315.00
CAC Coordination	\$1,120.00			\$0.00	\$1,120.00
Board Education	\$1,000.00			\$0.00	\$1,000.00
Administration					
General Administration	\$30,000	\$2.00	\$5,459.10	\$5,461.10	\$24,538.90
Accounting Services	\$1,400			\$0.00	\$1,400.00
Insurance	\$2,500			\$0.00	\$2,500.00
Attorney and Audit	\$4,500	\$255.00		\$255.00	\$4,245.00
BWSR FY16-19 CWF & WBF Grants ³	\$550,000.00	\$0.00	\$487.50	\$487.50	\$549,512.50
Subtotal Operating Costs Only	\$140,420.00	\$2,079.40	\$15,708.10		
TOTAL	\$830,840.00	\$152,079.40	\$16,195.60	\$168,275.00	
Overall Fund Balance		\$423,354.67	\$407,243.96		
Total Clean Water Fund Grant Balance		\$273,910.85	\$273,423.35		
LMRWMO Operating Fund Balance		\$149,443.82	\$133,820.61		
Unencumbered Operating Fund Balance ¹		\$104,443.82	\$88,820.61		
Carryover Fund Balance from Dec. 12, 2019	\$ 425,189.82				
2020 Budget Notes:					
1. \$45,000 total set aside in 2019 for Watershed Management Plan					
2. Includes final payment for Alum Treatment grant and 40% payment for Thompson Lake grant					
3. Budget is estimated amount and will vary depending on grant project progress.					

LMRWMO CWF Grants Financial Summary (2016-2020)																								
ESTIMATED REVENUES AND ASSETS	Budget		Sum: Mar 10 - Dec 14 2016	Sum: Dec 15, 2016 - Dec 13, 2017	Sum: Dec 14, 2017 - Dec 12, 2018	Sum: Dec 13 2018 - Dec 11 2019	Dec 12 2019 - Jan 8 2020	Jan 9 - Feb 12 2020		Total	Variance													
BWSR FY16-18 CWF Grant Payment - Thompson Lake	\$576,000.00		\$288,000.00							\$288,000.00	(\$288,000.00)													
BWSR FY16-18 CWF Grant Payments - Alum Treatment	\$196,000.00		\$98,000.00			\$78,400.00				\$176,400.00	(\$19,600.00)													
BWSR FY18 CWF Grant Payments - Cherokee Heights	\$700,000.00				\$350,000.00	\$280,000.00				\$630,000.00	(\$350,000.00)													
*Lake Augusta Matching Funds ¹	\$24,500.00			\$37,500.00						\$37,500.00	\$13,000.00													
*Sunfish Lake Matching Funds	\$24,500.00		\$26,129.13	\$870.97						\$27,000.10	\$2,500.10													
Thompson Lake Matching Funds	\$144,000.00									\$0.00	(\$144,000.00)													
FY-2019 Watershed Based Funds	\$144,670.00					\$72,335.00				\$72,335.00	(\$72,335.00)													
TOTAL MATCH FUND RECEIVED	\$193,000.00		\$26,129.13	\$38,370.97	\$0.00	\$0.00	\$0.00	\$0.00		\$64,500.10	(\$128,499.90)													
TOTAL GRANT FUNDS RECEIVED	\$1,616,670.00		\$386,000.00	\$0.00	\$350,000.00	\$430,735.00	\$0.00	\$0.00		\$1,166,735.00	(\$808,335.00)													
ESTIMATED EXPENSES AND LIABILITIES	Budget		Sum: Mar 10 - Dec 14 2016	Sum: Dec 15, 2016 - Dec 13, 2017	Sum: Dec 14, 2017 - Dec 12, 2018	Sum: Dec 13 2018 - Dec 11 2019	Dec 12 2019 - Jan 8 2020	Jan 9 - Feb 12 2020		Total	Balance Remaining	Summary				Elink Verification 2-1-20								
Internal Phosphorus - Augusta & Sunfish												Internal Phosphorus - Augusta & Sunfish												
Grant Administration	\$8,000.00			\$3,900.00	\$2,062.50	\$2,834.35				\$8,796.85	(\$796.85)	\$196,000.00	Total Grant											
Project Development	\$10,000.00		\$4,904.33	\$4,955.20	\$487.50	\$261.42				\$10,608.45	(\$608.45)													
Lake Augusta Alum Treatment																								
Lk Augusta Stakeholder Participation	\$2,500.00			\$2,475.00						\$2,475.00	\$25.00													
Lk Augusta Alum Dosing	\$20,000.00			\$19,856.75	\$3,161.90	\$4,376.97				\$27,395.62	(\$7,395.62)													
Lk Augusta Alum Application	\$55,000.00			\$55,000.00						\$55,000.00	\$0.00													
Lk Augusta Alum Application Match	\$24,500.00			\$37,493.70						\$37,493.70	(\$12,993.70)													
Lk-Augusta-Shoreline/Inlet Engineering	\$0.00											\$64,493.80	Match											
Lake Augusta Shoreline / Inlet Assessment	\$7,000.00									\$0.00	\$7,000.00	\$198,552.87	Spent					\$198,552.87						
Sunfish Lake Alum Treatment												-\$2,552.87	Balance	101.30%										
Sunfish Lake Stakeholder Participation	\$4,000.00		\$4,104.48							\$4,104.48	(\$104.48)													
Sunfish Lake Alum Dosing	\$20,000.00			\$20,272.47						\$20,272.47	(\$272.47)													
Sunfish Lake Alum Application	\$63,000.00			\$63,000.00						\$63,000.00	\$0.00													
Sunfish Lake Alum Application Match	\$24,500.00			\$27,000.10						\$27,000.10	(\$2,500.10)	\$176,400.00	Funds Received 90%											
Sunfish Lake Rainbarrel Program	\$6,000.00			\$6,000.00	\$487.50					\$6,487.50	(\$487.50)	-\$22,152.87	Funds on Hand											
Sunfish Lake Shoreline Survey	\$500.00			\$412.50						\$412.50	\$87.50													
Thompson Lake Stormwater Improvements												Thompson Lake Stormwater Improvements												
Grant Administration	\$15,000.00			\$1,912.50	\$2,437.50	\$3,256.48				\$7,606.48	\$7,393.52	\$576,000.00	Total Grant											
Project Development	\$15,000.00		\$1,077.50	\$4,347.50	\$8,737.50	\$5,983.64		\$112.50		\$20,258.64	(\$5,258.64)	\$224,271.16	Spent	38.94%				\$224,158.66						
Education and Outreach	\$18,000.00				\$2,375.00	\$18,072.64				\$20,447.64	(\$2,447.64)	\$74,485.01	Match											
Engineering, Design, Permitting	\$140,000.00			\$1,960.00	\$44,409.65	\$56,869.10				\$103,238.75	\$36,761.25	\$421,243.83	Balance											
Forebay, Wetland, & Pond Installation	\$344,000.00					\$72,719.65				\$72,719.65	\$271,280.35													
Match	\$144,000.00				\$11,102.41	\$63,382.60				\$74,485.01	\$69,514.99	\$288,000.00	Funds Received 50%											
Water Reuse Irrigation System	\$44,000.00									\$0.00	\$44,000.00	\$63,728.84	Funds on Hand											
Cherokee Heights Stormwater												Cherokee Heights Stormwater												
Grant Administration	\$12,000.00				\$520.00	\$5,014.73				\$5,534.73	\$6,465.27	\$700,000.00	Total Grant											
Project Development	\$10,000.00				\$5,240.00	\$5,543.36		\$375.00		\$11,158.36	(\$1,158.36)													
Rainbarrel Program	\$15,000.00				\$840.00	\$11,163.91				\$12,003.91	\$2,996.09													
Ravine Stabilization	\$275,000.00					\$187,519.28				\$187,519.28	\$87,480.72	\$469,000.12	Spent	67.00%				\$468,625.12						
Ravine Stabilization Match	\$210,000.00					\$57,996.18				\$57,996.18	\$152,003.82	\$175,000.00	Match											
Design	\$137,000.00					\$90,323.45				\$90,323.45	\$46,676.55	\$435,999.88	Balance											
Stormwater BMP Construction	\$211,000.00					\$137,011.46				\$137,011.46	\$73,988.54													
Stormwater BMP Construction Match	\$170,000.00					\$117,003.82				\$117,003.82	\$52,996.18	\$630,000.00	Funds Received 90%											
Design	\$40,000.00					\$25,448.93				\$25,448.93	\$14,551.07	\$160,999.88	Funds on Hand											
FY 2019 Watershed Based Funding												FY 2019 Watershed Based Funding												
Grant Administration	\$8,000.00					\$37.35				\$37.35	\$7,962.65	\$144,670.00	Total Grant											
Education Program Implementation	\$36,000.00					\$914.60				\$914.60	\$35,085.40													
Education Program Project Dev.	\$4,670.00					\$87.41				\$87.41	\$4,582.59													
Match	\$4,670.00									\$0.00	\$4,670.00													
Interstate Valley Creek Project Dev.	\$4,000.00					\$74.69				\$74.69	\$3,925.31	\$1,487.50	Spent	1.03%				\$1,487.50						
Interstate Valley Creek Study	\$44,000.00									\$0.00	\$44,000.00	\$0.00	Match											
Interstate Valley Creek Study Match	\$25,000.00									\$0.00	\$25,000.00	\$143,182.50	Balance											
Lake Augusta Project Development	\$4,000.00					\$373.45				\$373.45	\$3,626.55													
Lake Augusta Study	\$44,000.00									\$0.00	\$44,000.00	\$72,335.00	Funds Received 50%											
Lake Augusta Study Match	\$30,000.00									\$0.00	\$30,000.00	\$70,847.50	Funds on Hand					\$637,346.51						
TOTAL GRANT EXPENSE												\$1,616,670.00	\$10,086.31	\$184,091.92	\$70,759.05	\$627,886.87	\$0.00	\$487.50	\$893,311.65	\$723,358.35				
TOTAL MATCH EXPENSE												\$632,670.00	\$0.00	\$64,493.80	\$11,102.41	\$238,382.60	\$0.00	\$0.00	\$313,978.81	\$318,691.19				
Clean Water Grant - Fund Balance													\$375,913.69	\$191,821.78	\$471,062.73	\$273,910.85	\$273,910.85	\$273,423.35						
1. Includes \$35,000 from City, \$2,500 from Lake Augusta residents.																								
Note: Budget reflects most recent BWSR work plan, not original work plan																								
Note: Revenue and expenditures from 2016, 2017, 2018, and 2019 are shown but have been aggregated																								

12/13/19

Metro Area Watershed-Based Funding Implementation Program

The purpose of Watershed-based Implementation Funding is to supplement existing funding to accelerate clean water activities (practices, projects, and programs) toward advancing Minnesota's water resources goals through prioritized and targeted cost-effective actions with measurable water quality results. In the Seven-county Metropolitan Area (Metro), only activities identified in the implementation section of a watershed management plan developed under Minnesota Statutes §103B.231, §103B.101, Subd. 14 or §103B.801, county groundwater plans authorized under §103B.255, or Metro soil and water conservation district annual work plans authorized under §103C.331 are eligible for funding. These plans are collectively referred to as "local plans" in this document.

Distribution Process

For purposes of this document, the group of participants in each allocation area (see map) will be called a partnership (e.g. the Mississippi River West Watershed Implementation Partnership). Each partnership will include one representative (participant) from each watershed district, watershed management organization, soil and water conservation district, county with a county groundwater plan, and at least two municipalities within the allocation area.

The purpose of Watershed-based Implementation Funding is to supplement existing funding to ensure the most critical clean water activities are being accomplished - not to simply distribute funds among all participants. The partnership will coordinate to develop a Watershed-based Implementation Funding budget request (budget request) for submittal to BWSR that is **prioritized, targeted and measurable**.

To assist in the development of the budget request, BWSR staff will initiate and facilitate the meeting of the partnership in later winter/spring and may be available to facilitate subsequent meetings per partnership request. For the purposes of this document, these meetings are referred to as Convene Meetings. Each partnership must meet at a minimum

Twin Cities Metro Area Allocation Map for the Watershed-based Implementation Funding Program



of one time prior to submitting a budget request. The BWSR Board Conservationist and/or Clean Water Specialist must be included at each meeting.

Prerequisites for the Convene Meetings

Prior to the initial meeting, individual organizations must identify who will be their representative to the partnership in development of the budget request. Each watershed district, watershed management organization, soil and water conservation district, county with a county groundwater plan, and at least two municipalities within the allocation area will have one decision making representative. To help the representative prepare for the Convene Meetings (see below), organizations may also want to:

1. Discuss the organization's ability, policies, and procedures for committing to the required 10% match for these funds.
2. Review and discuss the Watershed-based Implementation Funding Policy and the local plan of the organization to determine if there are priorities or activities in the local plan, consistent with the policy, for the representative to emphasize at the Convene Meetings.
3. Review the FY20-21 Metro Watershed-based Implementation Funding Project Template (attached).

Convene Meetings

The initial meeting of the partnership and any subsequent meeting will be called a Convene Meeting. At these meeting(s), the partnership will jointly:

1. Agree on a method for making decisions (e.g. majority, super-majority, or consensus)
2. Establish criteria the partnership will use to select activities to include in the budget request. In selecting activities, participants of the partnership must consider how they will:
 - **Prioritize** surface water and groundwater resources and/or issues from individual local plans. At a minimum, each partnership should consider the high-level priorities of the Nonpoint Priority Funding Plan (NPFP; <https://bwsr.state.mn.us/sites/default/files/2019-01/180827%20FINAL%202018%20NPFP.pdf>):
 - Restore those waters that are closest to meeting state water quality standards
 - Protect those high-quality unimpaired waters at greatest risk of becoming impaired
 - Restore and protect water resources for public use and public health, including drinking water

The partnership should also consider overarching regional priorities within the watershed when establishing priorities.

- **Target** implementation activities that will be most effective for addressing prioritized resources and issues. At a minimum, each partnership should consider incorporating the following NPFP criteria into their decision-making process for projects:
 - *Measurable effects*
 - *Cost-effectiveness*
 - *Multiple benefits*
 - *Longevity of proposed activity*

- *Organization Capacity to deliver*
- *Project readiness and urgency*

The partnership may also want to consider additional criteria such as land use, soils, surface water types, demographics when targeting. For programs (soil health, outreach, etc.) and pre-implementation site investigations and assessments (e.g. subwatershed analyses, feasibility studies, etc.), the partnership may want to use different criteria than those used for projects or practices.

- **Measure** the benefit of planned implementation activities on water resource goals. Actions must have estimated measurable outcomes associated with them.
3. Review and decide on the highest priority, targeted, and measurable practices, projects and programs to be submitted to BWSR as a budget request (see submittal process below). BWSR has developed a project template for participants to consistently describe individual practices, projects and/or programs from their local plans and to facilitate consideration of these activities by the partnership. All practices, projects and programs must be eligible.

To determine eligibility of proposed projects, see the Watershed-based Implementation Funding Policy (https://bwsr.state.mn.us/sites/default/files/2019-10/190925_Final_Watershed_Based_Funding_Policy.pdf). If there are questions regarding eligibility, BWSR field staff should be consulted as early as possible.

4. Identify whether the budget request will be implemented through a single fiscal agent and one grant agreement in the allocation area or through multiple fiscal agents and grant agreements. Note: Unlike the pilot program, no backup projects, programs, or practices will be allowed to be submitted with the budget request. If an activity is unable to be completed within the grant period, BWSR will work with the grantee as outlined in the Grants Administration Manual (<https://bwsr.state.mn.us/gam>), which may include returning the funds to the state.

The goal of the initial Convene Meeting will be to complete items 1 and 2 above. Depending on the criteria the partnership selects for deciding on activities to include in the budget request, items 3 and 4 above may need additional time for partners to review their plans and hold subsequent meetings to finalize the budget request.

Submittal of the Budget Request

Once the highest priority, targeted, and measurable practices, projects and programs have been agreed upon by the partnership (step 3 above), each partnership will submit the corresponding templates to BWSR. The entities or single fiscal agent for each partnership (step 4 above) will then be responsible for submitting an eLINK budget request to BWSR. Once the eLINK budget request is approved by BWSR, entities or a single fiscal agent will be responsible for completing an eLINK Work Plan, which is approved by the Board Conservationist, no later than March 30, 2021. More detailed guidance regarding the budget request submittal will be provided.

Timeline

- Winter/spring 2020: Convene meetings initiated.

- July 1, 2020: Metro Watershed-based Implementation Fund become available.
- January 2021: Budget requests recommended to be completed no later than this time in order to provide enough time to develop eLINK Work Plan by deadline.
- March 30, 2021: Deadline for completing eLINK Work Plan.
- December 31, 2023: Grant agreement expiration date.

Additional Information

Table 1 below provides the allocations from BWSR to the watershed areas for the 2020-2021 biennium.

Table 1: Allocation Amounts per Watershed Area, 2020-2021 Biennium

Watershed	Allocation
Rum	\$366,982
Lower St. Croix	\$793,461
Mississippi (East)	\$1,085,485
Mississippi (West)	\$874,153
Vermillion	\$650,684
Cannon	\$305,293
Lower Minnesota (North)	\$673,699
Lower Minnesota (South)	\$829,075
South Fork Crow	\$330,063
North Fork Crow	\$91,105

Frequently Asked Questions

Q1: Projects identified in Metropolitan Groundwater plans are considered eligible. How will these projects be compared to surface water projects?

A: Prioritization between groundwater and surface water will be decided by the local partnership. Funding is intended to be holistic and flexible so priorities and projects for each can be included in the budget request if the partners agree on prioritizing both.

Q2: Are cities and townships within the 7-County Metro Area eligible for this funding?

A: Cities and townships with approved local water plans under Minn. Stat. 103B.235 are eligible to receive funds. However, eligible activities must be identified in the implementation section of a state approved, locally adopted comprehensive watershed management plan developed under Minnesota statutes §103B.101, Subd. 14 or §103B.801, watershed management plan required under §103B.231, county groundwater plan authorized under §103B.255, or Metro soil and water conservation district annual work plan authorized under §103C.331 and the activity must have a primary benefit towards water quality.

Q3: Can cities and townships, or Joint Powers Watershed Management Organizations (JPA WMOs) representing those cities and townships, participate in metro convene meetings?

A: As identified in Section 1 of the Watershed-based Implementation Funding Policy, participants, including one representative from each watershed district, watershed management organization, soil and water conservation district¹, county with a county groundwater plan, and at least two municipalities, must coordinate within the designated watershed-based funding boundaries to develop a watershed-based funding budget request that is prioritized, targeted and measurable.

Q4: Are activities identified in a City Water Plan considered eligible?

A: The policy for this pilot programs requires eligible activities to be identified in the state approved, locally adopted comprehensive watershed management plan developed under Minnesota statutes §103B.101, Subd. 14 or §103B.801, watershed management plan required under §103B.231, county groundwater plan authorized under §103B.255 or Metro soil and water conservation district annual work plans authorized under §103C.331 and have a primary benefit towards water quality. If the activity in a City Water Plan is also identified in the plans listed in section 3 of the policy, it is eligible.

Q5: Three watersheds span metro and non-metro boundaries (ex. Cannon River, Lower St. Croix River and Rum River). Does funding from a metro allocation area that is a part of this type of watershed only go to practices, projects, or programs within the metro area, or can it be spent outside the metro allocation border by a participating partner within the non-metro allocation area of the watershed?

A: The Watershed-based funding policy requires that eligible activities be identified in the state approved, locally adopted comprehensive watershed management plan developed under Minnesota

¹ Including Hennepin and Ramsey Counties if they have an annual work plan authorized under Minn. Statute 103C.331.

statutes §103B.101, Subd. 14 or §103B.801, watershed management plan required under §103B.231, or county groundwater plan authorized under §103B.255 or Metro soil and water conservation district annual work plans authorized under §103C.331 but does not specify that the activity must occur within the 7 County Metro.

If a comprehensive watershed management plan has been approved by BWSR, locally adopted and an implementation agreement is in place, metro allocation dollars may be spent outside of the metro boundary if there is agreement amongst the metro partnership.

Q6. If a WMO or WD has a current plan that is expired, is the local government able to receive funding?

A: No.

Q7. How are the different plans defined as current?

A: Watershed management organizations and metro watershed districts plans are not current if the management plan is more than 10 years beyond the BWSR plan approval date unless the plan states a lesser period of time.

Q8. Can Watershed-based implementation funding pay for staff time?

A: Yes. Eligible activities can consist of structural practices and projects; non-structural practices and measures, program and project support, and grant management and reporting.

Q9. When does a feasibility study have to be completed if implementing an in-lake management project with Watershed-based funds?

A: A feasibility study must be completed, reviewed and approved by BWSR staff prior to funds being spent on the in-lake management activities.

Q10. What happens if the partnership decides to do multiple grant agreements and one local government is not able to use the funds allocated to them?

A: It depends. If the grantee has an additional project(s) that is similar in nature or has been included in the collaborative work request, the work plan could be revised, or the grant agreement amended. Please refer to the "[Grant Agreement Amendments and Work Plan Revisions](#)" section of the BWSR Grants Administration Manual.

If a local government has no additional projects, then the funds would need to be returned to BWSR and will be redistributed through the Watershed-based Implementation Funding program.

FY20-21 Metro Watershed-based Implementation Funding Activity* Template

Entity Requesting Funding:	
Name of Project	
Funding Request	
Water Resource	
Resource or Issue Goal	
Anticipated Outcome(s) of project.	
Progress project will make toward resource or issue goal	
Plan Reference	
Description/Abstract	<p><i>Include the resource or issue project is addressing and a short description of the project itself.</i></p>

How will you measure success?	
Would this project still happen without Watershed-based Implementation funding?	

Note: if activity* (*practice, program or project*) is selected for funding, will need to clearly articulate how the funding is supplemental.

Watershed-Based Implementation Funding Policy – FY20-21

From the Board of Water and Soil Resources, State of Minnesota

Effective Date: 9/25/2019

Approval: Board Resolution #19-54

Duration: Availability and use of funds appropriated by Laws of Minnesota 2019, 1st Special Session, Chapter 2, Article 2, Section 7 (a).

Policy Statement

The Clean Water Fund was established to implement part of Article XI, Section 15, of the Minnesota Constitution, and Minnesota Statutes §114D with the purpose of protecting, enhancing, and restoring water quality in lakes, rivers, and streams and to protect groundwater and drinking water sources from degradation.

Reason for the policy

The purpose of this policy is to provide expectations for implementation activities conducted via the Board of Water and Soil Resources (BWSR) Clean Water Fund (CWF) Watershed-based Implementation Funding program as defined by the Clean Water Fund appropriation under Laws of Minnesota 2019, 1st Special Session, Chapter 2, Article 2, Section 7 (a).

These funds are specifically to be used to advance Minnesota's water resource goals through prioritized and targeted cost-effective actions with measurable water quality results.

BWSR will use grant agreements for assurance of deliverables and compliance with appropriate statutes, rules and established policies. Willful or negligent disregard of relevant statutes, rules and policies may lead to imposition of financial penalties or future sanctions on the grant recipient.

BWSR's Grants Administration Manual (<http://www.bwsr.state.mn.us/grants/manual/>) provides the primary framework for local management of all state grants administered by BWSR.

Program Requirements

1. Local Governmental Unit Eligibility Criteria

For areas outside of the seven-county Twin Cities Metropolitan Area: counties, soil and water conservation districts, watershed management organizations, watershed districts and other local governments that have a current state approved and locally adopted comprehensive watershed management plan authorized under Minnesota statutes §103B.101, Subd. 14 or §103B.801. To be eligible, local governments must have entered into an implementation agreement with other members of the planning partnership. If a local government within the geographic area of the plan has not adopted the plan, these funds can still be spent on implementation in that area by another eligible local government.

In the seven-county Twin Cities Metropolitan (Metro) Area: counties, watershed districts, watershed management organizations, soil and water conservation districts, and municipalities¹ having a current state approved and locally adopted watershed management plan as required under §103B.231, county groundwater plan authorized under §103B.255, or soil and water conservation district comprehensive plan under Minnesota statutes §103C.331, Subd. 11. Participants, including one representative from each watershed district, watershed management organization, soil and water conservation district², county with a county groundwater plan, and at least two municipalities, must coordinate within the designated watershed-based funding boundaries to develop a watershed-based funding budget request that is prioritized, targeted and measurable. BWSR reserves the right for the Executive Director to determine if sufficient coordination exists to meet the goals of the program. Appeals of an Executive Director decision may be made to the BWSR Central Region Committee.

All recipients must be in compliance with applicable federal, State, and local laws, policies, ordinances, rules, and regulations. Recipients who have previously received a grant from BWSR must be in compliance with BWSR requirements for grantee website and eLINK reporting before grant execution and payment.

2. Match Requirements

A non-State match equal to at least 10% of the amount of the Watershed-Based Implementation Funding received is required. Match can be provided by landowners, land occupiers, private organizations, local governments or other non-State sources and can be in the form of cash or the cash value of services or materials contributed to the accomplishment of grant objectives.

3. Eligible Activities

The primary purpose of activities funded through this program is to implement projects and programs that protect, enhance, and restore surface water quality in lakes, rivers, and streams; protect groundwater from degradation; and protect drinking water sources. Eligible activities must be identified in the implementation

¹ Municipalities (cities and townships) in the seven-county metropolitan area are eligible if they have a water plan that has been approved by a watershed district or a watershed management organization as provided under Minn. Stat. 103B.235.

² Including Hennepin and Ramsey Counties if they have an annual work plan authorized under Minn. Statute 103C.331.

section of a state approved, locally adopted comprehensive watershed management plan developed under Minnesota statutes §103B.101, Subd. 14 or §103B.801, watershed management plan required under §103B.231, county groundwater plan authorized under §103B.255, or Metro soil and water conservation district annual work plan authorized under §103C.331 and the activity must have a primary benefit towards water quality. Activities must be first submitted through a budget request and work plan that will be reviewed by BWSR. The work plan must be approved by BWSR prior to funds being distributed.

Eligible activities can consist of structural practices and projects; non-structural practices and programs; program and project support, including staffing; and grant management and reporting. Technical and engineering assistance necessary to implement these activities are considered essential and are eligible to be included. Activities that result in multiple benefits are strongly encouraged.

- 3.1 **Effective Life.** All structural practices must be designed and maintained for a minimum effective life of ten years for best management practices and 25 years for capital improvement practices. The beginning date for a practice's effective life is the same date final payment is approved and the project is considered complete. Where questions arise under this section, the effective lifespan of structural practices and projects shall be defined by current and acceptable design standards or criteria as defined in Section 3.7.
- 3.2 **Project Assurances.** The grantee must provide assurances that land owners or land occupiers receiving this funding will keep the practice in place for its intended use for the expected lifespan of the practice. Such assurances may include easements, deed recordings, enforceable contracts, performance bonds, letters of credit, and termination or performance penalties. BWSR may allow replacement of a practice or project that does not comply with expected lifespan requirements with a practice or project that provides equivalent water quality benefits. See also the Projects Assurances chapter of the Grants Administration Manual.
- 3.3 **Operation, Maintenance and Inspections.** All practice designs must include identification of operation and maintenance activities specific to the installed practices. An operation and maintenance plan is critical to ongoing performance of installed practices as well as to planning and scheduling those activities and must be prepared by designated technical staff for the life of the practice. An inspection schedule, procedure, and assured access to the practice site shall be included as a component of maintaining the effectiveness of the practice.
- 3.4 **Technical and Administrative Expenses.** Eligible activities include actual technical and administrative expenses to advance plan implementation, site investigations and assessments, design and cost estimates, construction or installation supervision, and inspections. Technical and administrative expenditures must be documented according to the Grants Administration Manual.
- 3.5 **Project Support.** Eligible activities include community engagement, education and outreach, equipment and other activities, which directly support or supplement the goals and outcomes expected with the implementation of items identified in the plan consistent with the purposes of these funds. Project support expenditures must be appropriately documented according to the Grants Administration Manual. Refer to guidance within the Grants Administration Manual for Capital Equipment Purchases.

3.6 Grant Management and Reporting. Eligible activities include local grant administration, management, and reporting that are directly related to and necessary for implementing the project or activity. All grant recipients are required to report on the outcomes, activities, and accomplishments of Clean Water Fund grants. Grant management and reporting expenditures must be documented according to the Grants Administration Manual.

3.7 Practice Standards. All practices must be consistent with the Natural Resource Conservation Service (NRCS) Field Office Technical Guide (FOTG), Minnesota Stormwater Manual, or be professionally accepted engineering or ecological practices. Design standards for all practices must include specifications for operation and maintenance for the effective life of the given practice, including an inspection schedule and procedure.

Livestock Waste Management Practices. Eligible activities are limited to: livestock management systems that were constructed before **October 23, 2000**; and livestock operations registered with the Minnesota Pollution Control Agency Database or its equivalent, not classified as a Concentrated Animal Feeding Operation (CAFO), and with less than 500 animal units (AUs) in accordance with Minnesota Rule Chapter 7020. BWSR reserves the right to deny, postpone or cancel funding where financial penalties related to livestock waste management violations have been imposed on the operator. Eligible practices and project components must meet all applicable local, State, and federal standards and permitting requirements.

- a. Funded projects must be in compliance with standards in MN Rule Chapter 7020 upon completion.
- b. Eligible practices are limited to best management practices listed by the Minnesota NRCS.
- c. Feedlot roof structures are eligible up to \$100,000 per project. Funding is not eligible for projects already receiving flat rate payment equaling or exceeding this amount from the NRCS or other State grant funds.
- d. Feedlot relocations are eligible, up to \$100,000 per project. Funding is not eligible for projects already receiving flat rate payment equaling or exceeding this amount from the NRCS or other State grant funds. The existing eligible feedlot must be permanently closed in accordance with local and State requirements. The existing and relocated livestock waste management systems sites are considered one project for grant funding.

Subsurface Sewage Treatment Systems

- a. Eligible activities are limited to identified imminent threat to public health systems (ITPHS) and systems that fail to protect groundwater. Project landowners must meet low income thresholds. Low income guidelines from U.S Rural Development are strongly encouraged as the basis for the definition of low income.
- b. Proposed community wastewater treatment solutions involving multiple landowners are eligible for funding, but must be listed on the MPCA's Project Priority List (PPL) and have a Community Assessment Report (CAR) or facilities plan [Minn. Rule 7077.0272] developed prior to work plan submittal. For community wastewater system applications that include ITPHS, systems that fail to protect groundwater are also eligible.

- c. Connecting a home to a sewer line and/or municipal waste water treatment plant (WWTP) in an unsewered area is eligible, if the criteria in a. or b. above are met.

Multipurpose Drainage Management. Funds can be used as an external source of funding for Minnesota Statutes § 103E.011 Subd 5 to facilitate multi-purpose drainage management practices to reduce erosion and sedimentation, reduce peak flows and flooding, and improve water quality, while protecting drainage system efficiency and reducing drainage system maintenance for priority Chapter 103E drainage systems.

Eligible activities must be conducted on, adjacent to, or within the watershed of a priority Minnesota Statutes Chapter 103E Drainage System(s), defined as an established system that has priority sediment and/or water quality concerns, and may include structural practices meeting the primary purpose to protect or improve water quality under Minnesota Statutes 103E.015.

Any storage and treatment wetland restoration requires a perpetual easement for storage and treatment and associated benefits to be held by the Chapter 103E drainage system. Easements must be approved by BWSR and the total state easement payment, shall not exceed current standard Reinvest in Minnesota (RIM) rates.

- 3.8 Non-Structural Practices and Measures.** Eligible practices include non-structural practices and activities that supplement or exceed current minimum State standards or procedures for protection, enhancement, and restoration of water quality in lakes, rivers, and streams or that protect groundwater from degradation. Non-structural vegetative practices must follow the Native Vegetation Establishment and Enhancement Guidelines: www.bwsr.state.mn.us/native_vegetation/seeding_guidelines.pdf.

In-lake or in-channel treatment. Eligible practices include management practices such as rough fish management, vegetation management, lake drawdown, and alum treatments that have been identified as an implementation activity in a TMDL study or Watershed Restoration and Protection Strategies report and /or in a comprehensive watershed management plan or metro watershed management plan. Eligible expenses include only initial costs for design and implementation. All subsequent applications and treatments under this subsection are considered to be a local operation and maintenance expense responsibility. A feasibility study must be completed, reviewed and approved by BWSR staff prior to these activities being proposed in a grant work plan. The feasibility study must include:

- a. Lake and watershed information (at minimum, include lake morphology and depth, summary of water quality information, and the assessment of aquatic invasive species);
- b. Description of internal load vs. external load reductions;
- c. History of projects completed in the watershed, as well as other in-lake treatments if applicable;
- d. Cost benefit analysis of treatment options;
- e. Projected effective life of the proposed treatment; and
- f. For activities related to rough fish (example carp), the feasibility study must also include:
 - i. Methods to estimate adult and juvenile carp populations;
 - ii. Description of the interconnectedness of waterbodies (lakes, ponds, streams, wetlands, etc.);
 - iii. Identification of nursery areas;

- iv. Methods to track carp movement;
- v. Proposed actions to limit recruitment and movement; and
- vi. Proposed actions to reduce adult carp populations,

Incentives. Eligible practices may include incentives to help landowners mitigate risk to install or adopt land management practices that improve or protect water quality. Incentive payments should be reasonable and justifiable, supported by grant recipient policy, consistent with prevailing local conditions, and must be based on established standards. BWSR reserves the right to review and approve incentive payment rates established by grant recipient policy.

- a. **Duration.** Incentives to install or adopt land management practices must have a minimum duration of 3 years with a goal of ongoing landowner adoption unless otherwise approved by BWSR. Any projects proposing incentives other than 3-years must be reviewed by BWSR staff and approved by the Assistant Director of Regional Operations prior to work plan approval.

Easements. Eligible practices include easements. Easements and payment amounts must be reviewed and approved by BWSR staff prior to expenditure of grant funds to acquire an easement. When implementing perpetual easements, state easement payments shall not exceed current standard Reinvest in Minnesota (RIM) rates.

Ordinance Development. Eligible practices include development of ordinances to protect water quality (example: Minimal Impact Design Standards) that supplement existing federal/state/local requirements.

4. Ineligible Activities

The following activities will not be considered:

- a. Activities that do not have a primary benefit of groundwater and surface water quality.
- b. Water quality monitoring (such as, but not limited, to: diagnostic, effectiveness, routine and/or baseline).
- c. Household water conservation appliances and water fixtures.
- d. Wastewater treatment systems with the exception of certain Subsurface Sewage Treatment Systems (see 3.7)
- e. Municipal drinking water supply facilities or individual drinking water treatment systems
- f. Stormwater conveyances that collect and move runoff, but do not provide water quality treatment benefit.
- g. Replacement, realignment or creation of bridges, trails or roads.
- h. Aquatic plant harvesting.
- i. Routine maintenance activities or repair of capital equipment and infrastructure within the effective life of existing practices or projects.
- j. Feedlots (see 3.7)
 - 1) Feedlot expansions beyond state registered number of animal units.
 - 2) Slats placed on top of manure storage structures.
- k. Subsurface Sewage Treatment Systems (SSTS):

- 1) Small community wastewater treatment systems serving over 10,000 gallons per day with a soil treatment system, and
 - 2) A small community wastewater treatment system that discharges treated sewage effluent directly to surface waters without land treatment.
- l. Drainage management
- 1) Drain tile, except for tile outlets required for water and sediment control basins, tile required to make eligible drainage water management practices function, tile required to collect and move runoff to treatment system, and dense pattern tile to replace open tile inlet(s).
 - 2) Ditching except if needed for the creation of a storage and treatment wetland restoration.
 - 3) Back-flow preventing flap gates on side inlet structure pipes where a system-wide analysis has not been completed.
 - 4) Continuous berms greater than an average of 3 feet high (above existing ground) along Chapter 103E drainage ditches.
- m. Fee title land acquisition (costs may count towards match).
- n. Buffers or other alternative practices that are required by law (e.g. Buffer Law, Drainage Law, Shoreland Law).
- o. Contribution to a contingency or reserve fund or payment(s) to an equipment replacement fund that extends beyond the grant agreement period.

5. Technical Expertise

The grantee has the responsibility to ensure that the designated technical staff have the appropriate technical expertise, skills and training for their assigned role(s). See also the Technical Quality Assurances chapter of the Grants Administration Manual.

- 5.1 **Technical Assistance Provider.** Grantees must identify the technical assistance provider(s) for the practice or project and their credentials for providing this assistance. The technical assistance provider(s) must have appropriate credentials for practice investigation, design, and construction. Credentials can include conservation partnership Job Approval Authority (JAA), also known as technical approval authority; applicable professional licensure; reputable vendor with applicable expertise and liability coverage; or other applicable credentials, training, and/or experience.
- 5.2 **Practice or Project Construction and Sign-off.** Local governments receiving these funds shall have the assigned technical assistance provider(s) certify that the practice or project was properly installed and completed according to the plans and specifications, including technically approved modifications, prior to authorization for payment.
- 5.3 **BWSR Review.** BWSR reserves the right to review the qualifications of all persons providing technical assistance and review the technical project design if a recognized standard is not available.

6. Grant Administration

- 6.1 **Work Plans, Reporting, and Reconciliation.** BWSR staff is authorized to develop grant agreements and requirements and processes for work plans, project outcomes reporting, fiscal reconciliations, and grant

closeouts. All grantees must follow the Grants Administration Manual policy and guidance including requirements for proposed work plan revisions and grant amendments. BWSR reserves the right to:

1. Consider the extent of direct implementation activities and proposed outcomes in the approval of grant work plan;
2. Not approve all or a portion of a work plan if proposed work is not consistent with the purposes of these funds;
3. Modify, suspend, or cancel the grant agreement at any time if work under the grant agreement is found by BWSR to be unsatisfactory.

In the event there is a violation of the terms of the grant agreement, BWSR will enforce the grant agreement and evaluate appropriate actions, up to and including repayment of 100% of grant funds.

6.2. Approval of Expenditures. The grantee board has the authority and responsibility to approve the expenditure of funds within their own organization. The approval or denial of individual expenditures of funds must be documented in the grantee board's meeting minutes.

7. Assurance Measures

Watershed-based Implementation Funding Assurance Measures are based upon fiscal integrity and accountability for achieving measurable progress towards water quality elements of watershed management or comprehensive watershed management plans. Assurance measures will be used as a means to help grantees meaningfully assess, track, and describe use of these grant funds to achieve clean water goals through prioritized, targeted, and measureable implementation. The following assurance measures are supplemental to existing reporting and on-going grant monitoring efforts.

1. Prioritized, targeted, and measurable work is making progress toward achieving clean water goals.
2. Programs, projects, and practices are being implemented in priority areas.
3. Grant work is on-schedule and on-budget.
4. Leverage of non-state funds.

History

This version is the first for this policy



MEMORANDUM

To: LMRWMO Board of Managers
From: Joe Barten, Dakota County SWCD
Subject: Metro Watershed Partners 2020 Membership
Date: February 4, 2020

SUMMARY

The LMRWMO has been a member of the Metro Watershed Partners (MWP) since 2014. This is a coalition of coalition of more than Metro MN organizations that is led by Hamline University staff. The organization's goals include the following:

- To provide and promote collaborative watershed education programs with consistent messages to the general public, local government staff and elected officials.
- To provide WSP members a place and means to share information, generate ideas, and coordinate and support collaborative watershed education programs.

As a member, the LMRWMO disseminates materials received from the MWP to the LMRWMO member Cities for use in their educational programs to help cities meet the requirements of their MS4 permits. The LMRWMO and member Cities also receive access to the educational materials and Adopt-a-Drain program through the membership.

Board Action Requested: Consider renewing membership to the Metro Watershed Partners for 2020 at a cost of \$1,000.

Attached: 2020 Metro Watershed Partners Membership Request & Invoice
Clean Water MN 2019 Annual Program Report
Adopt-a-Drain Annual Report



MINNESOTA WATER
LET'S KEEP IT CLEAN

1.15.20

Dear friends,

Thank you for your support of the Metro Watershed Partners and its work to inspire people to act to protect lakes, rivers, and wetlands in the Twin Cities metro area and beyond.

I'm happy to report that the metro-wide launch of the Adopt-a-Drain program in March of 2019 was a big success! Participation in the program almost tripled this year to nearly 6,000 adopters who've adopted more than 10,000 storm drains. We received some great press coverage about the program too, including spots on Kare 11 and Fox 9 evening news, two interviews on MPR, and articles in the Saint Paul Pioneer Press and the Minneapolis Star and Tribune. **We are counting on your membership support to continue to build on the early successes of Adopt-a-Drain and to work to broaden our reach new and more diverse communities, expand our educational messaging to include information on the impacts of climate change, and to become an even more visible presence in metro area communities.**

As a member of the Watershed Partners, you have access to an administrative account on the Adopt-a-Drain site that provides program data and user information for your service area, along with modifiable promotional materials such as flyers, door hangers, and ads for social media, and the ability to purchase informational packets and yard signs to be hand-delivered or sent via the US mail.

You also support the production of stories and photographs for the Clean Water MN blog, our exhibit in the Eco Experience at the State Fair—where this year more than 700 residents from 70 cities signed up to adopt a storm drain—and monthly partner meetings that focus on foundational and cutting edge topics in environmental communications, education, and water protection.

To continue this work in 2019, we need to raise \$190,000. For permitted cities and watersheds, your membership is endorsed by the MPCA to meet your MS4 public education requirements.

If your organization would like to become a supporting member, thank you. Cities pay seven cents per person (based on total population) per year, and watershed districts pay a recommended fee based on their annual operating budget. You can find a table with the requested levels of funding here: <http://bit.ly/2Elna01>

METRO WATERSHED PARTNERS



MINNESOTA WATER
LET'S KEEP IT CLEAN

INVOICE

651-523-2812

jlaron25@hamline.edu

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

Attention: Joe Barten
Lower Mississippi River Watershed Management Organization
4100 220th Street West, Suite 102
Farmington, MN 55024
Date: 1/20/20

Project Title: Clean Water Minnesota & Adopt-a-Drain
Terms: 30 Days

Description	Cost
2020 Membership: Clean Water MN & Adopt-a-Drain	\$1,000.00
TOTAL	\$1,000.00

Thanks for your membership in Clean Water MN. Your dollars support:

- Monthly blog posts with timely, consistent messages to encourage behaviors that improve water quality.
- New photographs that feature local residents taking action to protect lakes and rivers.
- Monthly meetings with information on partner activities, presentations by informative speakers, and updates on WSP activities.
- Maintenance of the Watershed Partners listserv.
- Development and implementation of a clean water exhibit at the Minnesota State Fair in the Eco-experience building.
- Site license to use Adopt-a-Drain.
- Recognition as a supporting partner of Adopt-a-Drain for residents in your service area.
- Access to an administrative interface on [Adopt-a-Drain.org](https://adopt-a-drain.org) that includes access to reporting and other information useful for MS4 reporting and communications.
- Access to purchase print promotional resources with partner logo.
- Access to purchase mailed packets and yard signs for participants.

Duration of service: January 1 - December 31st, 2020. Unspent funds will rollover to support program activities in 2021.

Metro Watershed Partners

2019 Annual Program Report



Metro Watershed Partners is a coalition of more than seventy public, private and non-profit organizations in the Twin Cities metro area. Through collaborative education and outreach, the Metro Watershed Partners promote a public understanding that inspires people to act to protect water in their watershed. Since 1996, partners have cooperated through educational projects, networking, and resource sharing.



MINNESOTA WATER
LET'S KEEP IT CLEAN

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Metro Watershed Partners 2019 Report

Introduction

Metro Watershed Partners is a coalition of more than seventy public, private and non-profit organizations in the Twin Cities metro area. Through collaborative education and outreach, the Metro Watershed Partners promote a public understanding that inspires people to act to protect water in their watershed. Since 1996, partners have cooperated through educational projects, networking, and resource sharing.



The mission of the Metro Watershed Partners is two-fold:

- to provide and promote collaborative watershed education programs with consistent messages to the general public, local government staff and elected officials, and
- to provide WSP members a place and means to share information, generate ideas, and coordinate and support collaborative watershed education programs.

In 2019 members contributed \$40,337.51 to support monthly meetings, exhibit checkout, administrative functions, and state fair outreach to hundreds of thousands of people. Members contributed \$136,612.49 to support Adopt-a-Drain and the Clean Water Minnesota outreach campaign.

Leadership

The work of **Metro Watershed Partners** is guided by a steering committee that includes stormwater education professionals from watershed organizations, non-profits and government agencies. In 2019, our steering committee members were:

Angie Hong, Washington Conservation District

Chakong Thao, Minnesota Pollution Control Agency

Christina Schmitt, Hennepin County Environment and Energy

Deirdre Coleman, Freshwater Society

Jen Dullum, Vermillion River Watershed JPO (*convenor*)

Lyndon Torstenson, National Park Service, Mississippi National River & Recreation Area

Rebecca Haug, City of Blaine

Tracy Fredin, Center for Global Environmental Education, Hamline University

Clean Water MN

2019 Outreach Projects Report



Clean Water MN is the collaborative outreach project of the Metro Watershed Partners. Working together, we provide resources, training, and support to partners as they work to inspire homeowners in the Twin Cities metro area to keep water clean and healthy.



The steering committee of the Metro Watershed Partners oversees the work of Clean Water MN. Jana Larson from Hamline University manages campaign fundraising and the creation and implementation of communication and outreach programs. As part of this work, we regularly ask stakeholders to tell us how to best serve the needs of MS4s.

Cleanwatermn.org features seasonally appropriate stories about metro area residents taking action at home and in their lives to keep Minnesota water clean and healthy.

The stories are designed for partners to use in their own communications—via websites, Facebook, Twitter, newsletters, and such.

Along with each story we create a suite of professional photographs, accessible to partners online for use in their own stories and publications. Additionally, each story links to informational resources on our own site and other websites. In 2019 we published 12 new stories.

The cleanwatermn.org website also features informational pages, calls to action, a “Find My Watershed” map, information about the partnership, educational resources, and a list of our partners. We will continue to develop and add content to the site in 2020 and beyond.



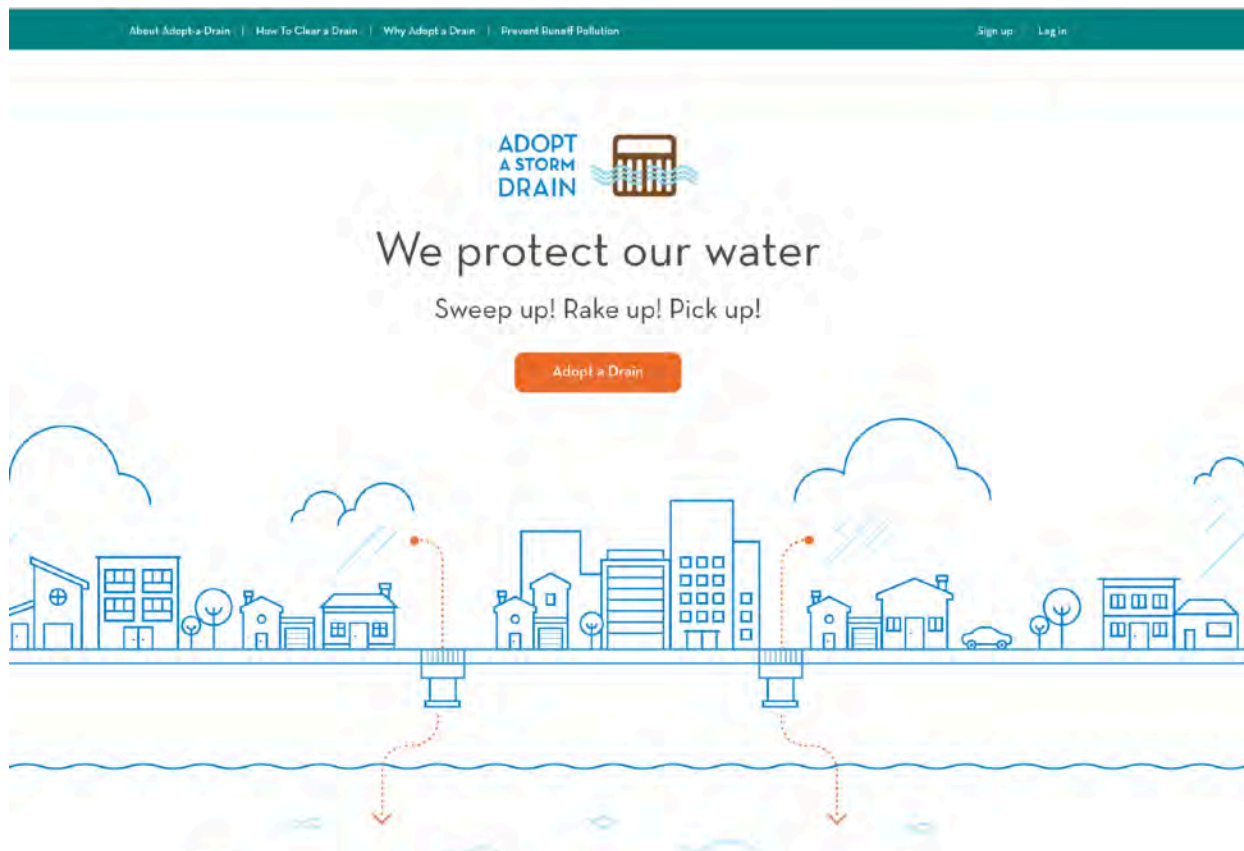
Campaign Analytics

In order to provide some measure of the impact of our work, we have created a system of unique, trackable links for our partners to use when they publish a story from Clean Water MN. This allows us to measure click-through rates to CleanWaterMN.org for each partner individually. Below you will find a summary of these analytics, which paint a general picture of engagement with each story. These numbers do not reflect, however, the total number of readers for any given story, since trackable links are not always used, and some readers may not click on the link to read the full story. Analytics reports with a breakdown for each partner can be found at: <http://bit.ly/2rxvGE6>

Month	Blog Title	Total sessions	New users	Average duration
January	GreenCorps Fight to Keep Salt Out of Minnesota Lakes	350	292	0:00:52
February	Bloomington Public Schools Improve Safety and their Bottom Line with Anti-icing Strategies	700	641	0:00:43
March	Announcing the Nation's Largest Adopt-a-Drain Program	274	227	0:01:12
April	Transform Your Yard into a Monarch Oasis	671	581	0:00:38
May	Bee-friendly Yard Becomes Neighborhood Sanctuary	342	247	0:00:56
June	Paddling to Protect the Mississippi	193	146	0:00:34
July	Smart Irrigation Reduces Water Waste	128	99	0:00:16
August	Blaine's Wetland Restoration Revives Endangered Species	1,252	1,038	0:03:22
September	Fighting to Understand Bees in Decline	1,508	1,254	0:02:04
October	Brooklyn Park Wetland Preservation Fosters Community	1,334	1,124	0:01:51
November	Cleaning the Streets Before the Snow Flies	1,229	1,082	0:02:23
December	A Song to Sweep to from Frassati Academy	1,120	929	0:02:13
Total click-throughs to CWMN site		9,101	7,660	

Clean Water MN News and Accomplishments in 2019:

As promised, **Adopt-a-Drain** launched a new website at **adopt-a-drain.org** and the program became available to all residents in the metro area in March.



The program launch resulted in **good press coverage** for Adopt-a-Drain, including stories in the Saint Paul Pioneer Press, on Kare 11 evening news, Minnesota Public Radio (spring and fall stories), and in several local papers. During the State Fair, the Adopt-a-Drain booth was featured live on Fox 9.

We're making a difference! Join us!



Program membership almost tripled in the first year to nearly 6,000 participants, and in early January of 2020 we hit a major milestone: **10,000 storm drains are now adopted in the metro area!**

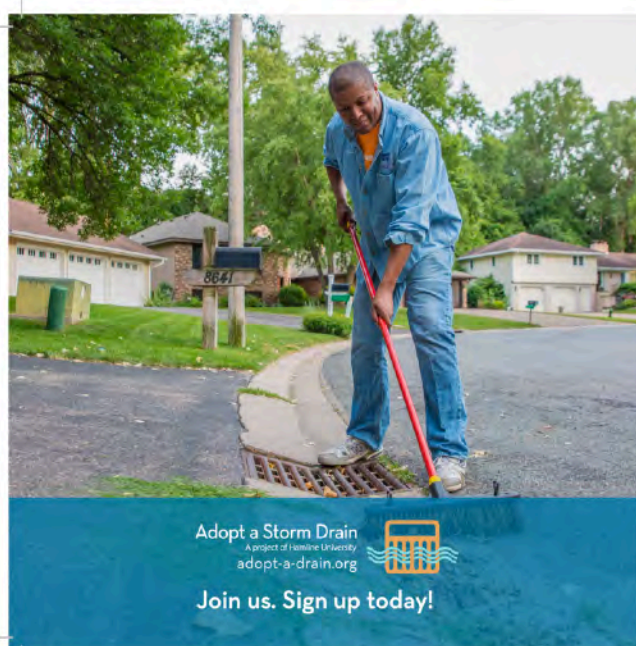
Throughout the year, Adopt-a-Drain participants were encouraged to report their work online via a monthly email newsletter. In early January, we sent a postcard to all participants who had not yet reported, and received an additional 500 responses. As a result of this outreach, the reporting rate increased from 30% to 40%.

Adopt-a-Drain staff have the opportunity to communicate directly with participants of the program, communicating with an average of 5-20 participants per week, to answer questions about stormwater issues and connect them with resources in their community.

The **Adopt-a-Drain program launched in Rochester** in the summer, where it also received news coverage in the newspaper and on TV. Since July, 127 Rochester residents have adopted 210 storm drains.

In Spring of 2020, Adopt-a-Drain will launch in Saint Cloud.

Customizable print and electronic resources for promoting Adopt-a-Drain and Community Cleanups were created in multiple formats and made available for download to partners on the "For Partners" page of CleanWaterMN.org. These resources include: direct mail postcards, utility bill inserts, door hangers, promotional flyers, billboards, and images with logos for posting to social media.



We continued to work with **researchers at the University of Minnesota's Center for Changing Landscapes** on an in-depth baseline study of Adopt-a-Drain in **Minneapolis** focused on understanding how to promote and implement Adopt-a-Drain so that it resonates with underserved communities. This research also includes the evaluation of a pilot program for businesses and community organizations. This multi-faceted evaluation project, funded by the City of Minneapolis, will wrap up in April 2020. A presentation of study findings will be given at an upcoming Watershed Partners meeting.

Adopt-a-Drain on Facebook, Twitter and Instagram

In August we launched Adopt-a-Drain pages on Facebook, Twitter and Instagram and have been posting new content to almost every day. From August to December, the Facebook page gained more than 300 followers.

Over this five month period, there were more than 5,000 engagements on our Facebook posts, including likes, shares and comments. Our posts reached a total of 59,744 people, mostly through organic reach, including shares by our partners.



Follow us! Like us! Share our posts!

<https://www.facebook.com/AdoptaDrainMN/>
<https://www.instagram.com/adoptadrain/>
<https://twitter.com/adoptadrainmn>



Watershed Partners listserv

The Metro Watershed Partners listserv is a forum for watershed educators, legislators and industry professionals throughout the state to share information and resources.

In 2019, the listserv moved to Mobilize, an online interactive communications platform for discussions, chat, events, files, and networking that is accessible online, via email, or mobile app.

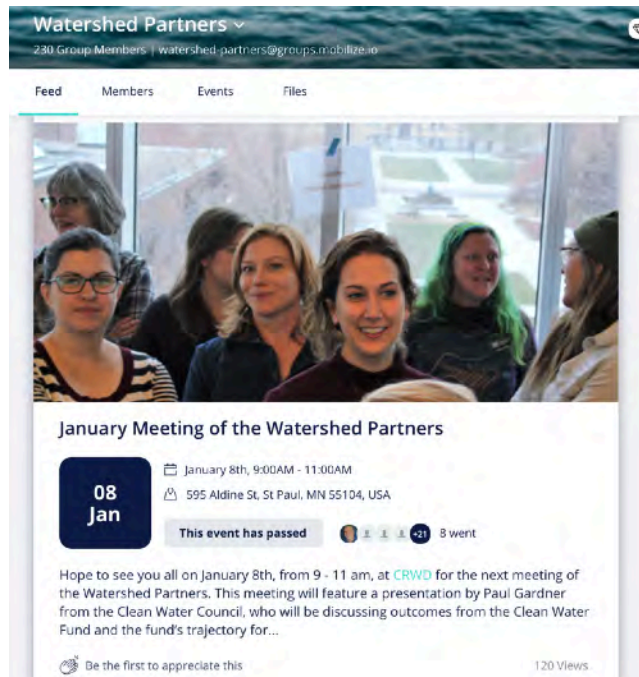
The listserv is now hosted at:
<https://watershedpartners.mobilize.io>

Messages can be posted online to a feed or sent via email:
watershed-partners@groups.mobilize.io

There is a connected subgroup of the listserv for Adopt-a-Drain administrators from member cities and watershed districts to share information and resources at:
adopt-a-drain-user-group@groups.mobilize.io

These are private forums and anyone who would like to be added to either Mobilize group must send an email request to jl Larson25@hamline.edu

In 2019, the Metro Watershed Partners listserv continued to provide more than two hundred user-members with an effective tool to promote educational programs, share information about professional programs, and exchange information with other watershed educators, legislators and businesses.



2019 Accomplishments of the Metro Watershed Partners

Networking and Sharing Resources

The Watershed Partners hold monthly meetings that provide members a way to gather, share information, generate ideas, and form partnerships that support watershed education in the state of Minnesota. These meetings keep our members up to date on new developments in the field of water resources and water education by featuring presentations by experts in fields such as watershed management, education, marketing, legislation and outreach.

In 2019, the Watershed Partners held 11 meetings. An average of 35 - 40 partners attended each meeting; more than 50 attended our June field trip to Minnehaha Falls and 70 came to the November roundtable. We're pleased to see that partners continue to value our meetings, and demonstrate energy for collaboration and information sharing; we plan to continue offering workshops and events our partners will find useful in 2020 and beyond.

2019 PARTNER MEETINGS — TOPICS AND PRESENTERS

January	The Visionary RiverFirst Initiative	Tom Evers, Minneapolis Parks Foundation
February	Integrating Pollinator Protection into Clean Water and Habitat Projects	Brianna Gohde, Ramsey County Master Gardener, Dan Shaw, Senior Ecologist and Vegetation Specialist with the Minnesota Board of Water and Soil Resources, Tara Kelly, Washington Conservation District
March	Legislative Update	Steve Woods of Freshwater
April	Community-centered urban water planning	Mae Davenport, U of M Center for Changing Landscapes
May	Moving Communities to Action	Patience Caso, Hennepin County
June	Planning for climate resiliency	Adam R. Arvidson, Minneapolis Park and Recreation Board, Lisa Goddard, City of Minneapolis, Tiffany Schaufler, Minnehaha Creek Watershed District
August	Tour of Blaine Wetland Restoration Project	Jason Husveth, Critical Connections Ecological Services and Rebecca Haug, City of Blaine
September	Proposed MS4 Permit Requirements & Water Story Circle Presentation	Chakong Thao and Samantha Connolly from MPCA & Shanai Matteson from Water Bar and Kris Meyer from Freshwater
October	The Ongoing Intensification of the Metro Area Hydroclimate	Kenny Blumenfeld, Minnesota State Climatology Office
November	Building an Inclusive Education Program for Your Organization and Community	Arnoldo Curiel of Dakota County, Yordi Solomone of Metro Blooms, Marcy Syman of Metropolitan Council
December	Water Story Circle	Shanai Matteson, Water Bar, Yordi Solomone, Metro Blooms, Lilah White, Metro Blooms, Jewell Arcoren, Healing Place Collaborative, and Angelo Williamson

Education and Outreach at the Minnesota State Fair

2019 was another record year for the state fair, with total attendance breaking 2.1 million visitors. The Watershed Partners hosted an exhibit in the Eco-experience where approximately 267,000 people were exposed to our message about taking action to protect Minnesota's lakes and rivers.



The Metro Watershed Partners partnered with Hamline University to host the Adopt-a-Drain photo booth and exhibit at Eco Experience. The exhibit features: an Adopt-a-Drain photo booth, air hockey, foosball, an Adopt-a-Drain sign-up station, a video table with in-depth interactive information about the Mississippi River, and three portable tabletop exhibits focused on the science of Eutrophication, taking action to reduce run-off, and the urban water cycle. Together, these exhibits raise awareness about the importance of protecting water in Minnesota and ask people to commit to take action at home to prevent run-off pollution. For the first time this year, the exhibit provided a chance for visitors to formalize their commitment by signing up to adopt a drain.



There were more than 267,000 visitors to the Eco-experience in 2019. Approximately 8,700 of them took a photo in the Adopt-a-Drain photo booth. (We took and printed 3,519 photos during the fair, with an average of 2.5 people per photo.) 50% of photos were shared via email or text.

Over the twelve days of the fair, 731 Minnesota residents from 70 cities signed up to adopt a storm drain. Those who adopted a drain were able to take home an informational packet and a small yard sign that reads “We Protect Minnesota Lakes, Rivers and Wetlands.”

In addition to staff hired by Hamline, there was a Watershed Partner or Master Water Steward present during 76 of the 144 hours of the fair, to interact with the public, answer questions, and promote water-friendly behaviors.

Thank you for all your help making the exhibit a success!



Education and Outreach at Community Events:

Throughout the year, the Metro Watershed Partners make our tabletop exhibits available free of charge to organizations doing education and outreach on non-point source pollution and preservation of clean water. If you are interested in checking out one of our kiosks or table-top exhibits (see below) for an event in your community, you can find more information and a check-out form at: <https://www.cleanwatermn.org/resources-for-partners/exhibit-check-out/>



Exhibit-in-a-Box on Eutrophication.

2019 Financial Report

In response to our fundraising requests, 52 supporting members contributed: \$40,337.51 to the Watershed Partners in support of meetings, state fair outreach, administration, exhibit maintenance, development and checkout; and \$136,612.49 to support Adopt-a-Drain, the Clean Water MN website and public outreach campaign.

Supporting Members of the Metro Watershed Partners, Adopt-a-Drain, and the Clean Water MN Media Campaign in 2019

Andover	Minnehaha Creek WD
Bassett Creek WMC	Minnetonka
Blaine	Mississippi NRRRA
Bloomington	Mound
Brown's Creek WD	New Brighton
Cannon River WP	Nine Mile Creek WD
Capitol Region Watershed District	Pioneer-Sarah Creek WC
Carver County	Prior Lake
Circle Pines	Ramsey-Washington Metro WD
Columbia Heights	Rice Creek WD
Comfort Lake-Forest Lake WD	Richfield
Crystal	Riley Purgatory Bluff Creek WD
East Metro Water Resources	Rochester
Eden Prairie	Roseville
Edina	Saint Louis Park
Elm Creek WMC	Saint Paul
Excelsior	Shingle Creek WMC
Faribault	Shoreview
Fridley	South Washington WD
Hastings	Vadnais Lake Area WMO
Hennepin County	Vermillion River Watershed JPO
Hopkins	Washington Conservation District
Lauderdale	Wayzata
Lower Mississippi River WMO	West Mississippi WMC
Middle St. Croix WMO	White Bear Lake
Minneapolis	Woodbury

Clean Water MN/Watershed Partners 2019 Financial Report

	IN-KIND	CASH	TOTAL
REVENUE			
CWMN funds rollover		\$2,236.68	\$2,236.68
Watershed Partners coordination	\$53,800.00	\$35,390.00	\$89,190.00
Watershed Partners exhibit	\$22,000.00		\$22,000.00
Media campaign	\$5,500.00	\$141,560.00	\$147,060.00
Total revenue	\$81,300.00	\$179,186.68	\$260,486.68
EXPENSE			
1. Watershed Partners Coordination			
Principle Investigator	\$2,500.00	\$4,500.00	\$7,000.00
Program Coordinator	\$12,000.00	\$12,000.00	\$24,000.00
Steering Committee	\$32,400.00		\$32,400.00
Meeting room rental fees	\$4,500.00		\$4,500.00
Technology maintenance	\$1,829.31	\$570.69	\$2,400.00
Meeting expenses		\$814.69	\$814.69
Postage and printing		\$30.24	\$30.24
Subtotal	\$53,229.31	\$17,915.62	\$71,144.93
2. Watershed Exhibit Implementation			
Exhibit coordination	\$4,500.00	\$5,500.00	\$10,000.00
State fair expenses		\$16,921.89	\$16,921.89
Storage and check-out	\$5,000.00		\$5,000.00
Subtotal	\$9,500.00	\$22,421.89	\$31,921.89
3. Clean Water MN			
Campaign coordination	\$5,500.00	\$20,000.00	\$25,500.00
Printing and postage		\$213.69	\$213.69
Blog writing and photography		\$9,550.00	\$9,550.00
Web hosting and maintenance		\$1,680.38	\$1,680.38
Graphic design		\$4,560.00	\$4,560.00
Focus group research		\$0.00	\$0.00
Meeting expenses		\$332.82	\$332.82
Cleanup kit resources			\$0.00
Subtotal	\$5,500.00	\$36,336.89	\$41,836.89
4. Adopt-a-Drain			
Site license		\$30,000.00	\$30,000.00
Program coordination		\$20,000.00	\$20,000.00
Program implementaion		\$16,158.00	\$16,158.00
Social media and communications		\$14,451.43	\$14,451.43
End of year mailing		\$3,890.00	\$3,890.00
Subtotal	\$0.00	\$84,499.43	\$84,499.43
TOTAL	\$68,229.31	\$161,173.83	\$229,403.14
ADMINISTRATION FEE		\$12,893.91	\$12,893.91
TOTAL	\$68,229.31	\$174,067.74	\$242,297.05
ROLLOVER TO 2020		\$5,118.94	

Clean Water MN/Watershed Partners 2020 Budget

	IN-KIND	CASH	TOTAL
REVENUE			
CWMN funds rollover		\$5,118.94	
Watershed Partners coordination	\$53,800.00	\$23,993.00	\$77,793.00
Watershed Partners exhibit	\$22,000.00	\$20,321.00	\$42,321.00
Media campaign	\$5,500.00	\$41,273.00	\$46,773.00
Adopt-a-Drain		\$101,318.06	
Total revenue	\$81,300.00	\$192,024.00	\$166,887.00
EXPENSE			
1. Watershed Partners Coordination			
Principle Investigator	\$2,500.00	\$6,000.00	\$8,500.00
Program Coordinator	\$12,000.00	\$13,000.00	\$25,000.00
Steering Committee	\$32,400.00		\$32,400.00
Meeting room rental fees	\$4,500.00	\$1,200.00	\$5,700.00
Technology maintenance	\$1,400.00	\$1,000.00	\$2,400.00
Meeting expenses		\$2,000.00	\$2,000.00
Postage and printing		\$200.00	\$200.00
Subtotal	\$52,800.00	\$23,400.00	\$76,200.00
2. Watershed Exhibit Implementation			
Exhibit coordination	\$4,500.00	\$5,000.00	\$9,500.00
State fair expenses		\$15,000.00	\$15,000.00
Storage and check-out	\$5,000.00		\$5,000.00
Subtotal	\$9,500.00	\$20,000.00	\$29,500.00
3. Clean Water MN			
Campaign coordination	\$5,500.00	\$22,000.00	\$27,500.00
Printing and postage		\$400.00	\$400.00
Blog writing and photography		\$4,000.00	\$4,000.00
Web hosting and maintenance		\$2,000.00	\$2,000.00
Graphic design and video production		\$10,000.00	\$10,000.00
Focus group research			\$0.00
Meeting expenses		\$1,000.00	\$1,000.00
Cleanup kit resources			\$0.00
Subtotal	\$5,500.00	\$39,400.00	\$44,900.00
4. Adopt-a-Drain			
Site license		\$30,000.00	\$30,000.00
Program coordination		\$25,000.00	\$25,000.00
Program implementaion		\$14,000.00	\$14,000.00
Social media and communications		\$20,000.00	\$20,000.00
End of year mailing		\$6,000.00	\$6,000.00
Subtotal	\$0.00	\$95,000.00	\$95,000.00
TOTAL	\$67,800.00	\$177,800.00	\$245,600.00
ADMINISTRATION FEE		\$14,224.00	\$14,224.00
TOTAL	\$67,800.00	\$192,024.00	\$259,824.00

Adopt-a-Drain in Lower Mississippi River WMO, 2019

Annual Report

124
new participants
in 2019

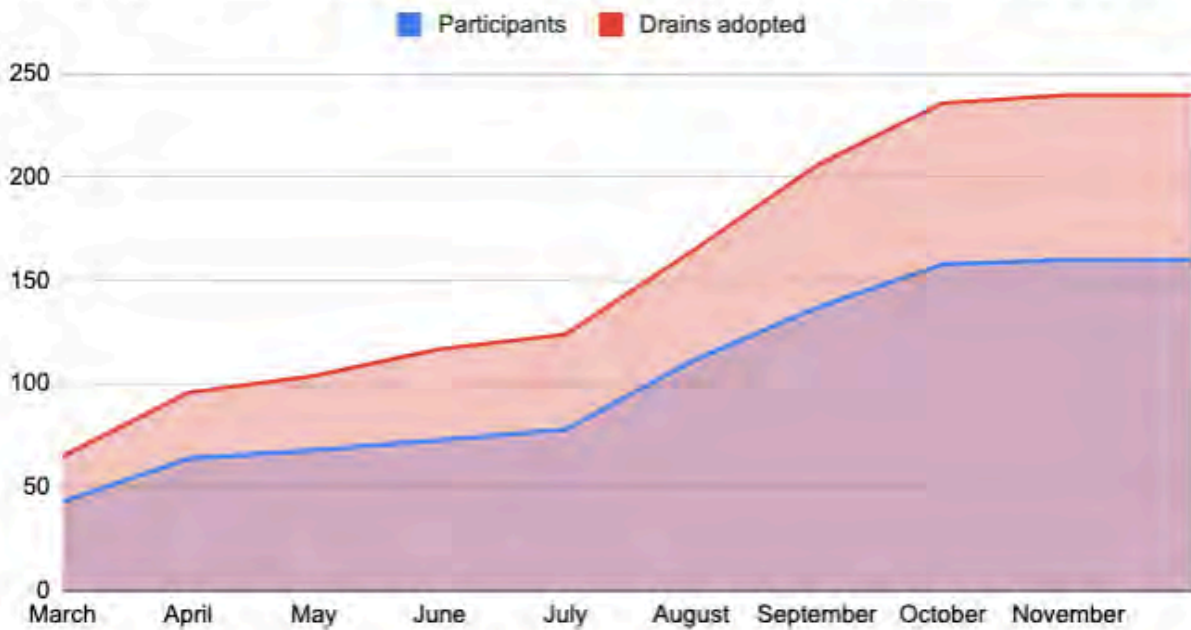
187
drains adopted
in 2019

160
total participants

240
total adoptions



New participants and drains adopted in Lower Mississippi, 2019



Reporting Data

40 LMRWMO participants reported cleanings, which represents 25.0% of all LMRWMO participants.

LMRWMO participants collected 803.3 lbs of debris from their adopted storm drains in 2019.

Debris Type	Amount (lbs)
Brown leaves	292.3
Grass and green leaves	210.4
Sediment and dirt	273.6
Trash	48
Salt	0



Month	New participants	Drains adopted	Debris collected (lbs)	Time spent (hours)
March	7	12	50	0.3
April	21	31	59	1.9
May	4	8	51.2	2.0
June	5	13	39.8	2.4
July	5	7	58.8	0.8
August	33	40	1	0.2
September	26	42	174.9	4.7
October	21	30	278.6	5.5
November	2	4	90	1.8
December	0	0	21	0.3
TOTALS	124	187	824.3	19.9

Geographic Breakdown: City and Subwatershed

City	Drains adopted	Debris collected (lbs)	Time spent (hours)
St. Paul	81	93.5	1.1
Mendota Heights	71	494.4	12.7
West St. Paul	65	233.9	5.6
Inver Grove Heights	15	2	0.4
South St. Paul	8	0.5	0.1

Subwatershed	Drains adopted	Debris collected (lbs)	Time spent (hours)
City of St. Paul-Mississippi River	209	798.2	18.2
Gun Club Lake / Minnesota River	2	23.6	1.2
Lock and Dam No 2-Mississippi River	29	2.5	0.5



MEMORANDUM

To: LMRWMO Board of Managers
From: Joe Barten, Dakota County SWCD
Subject: Potential LMRWMO and Ramsey County Agreement for Technical Assistance
Date: February 3, 2020

SUMMARY

The LMRWMO participates in the Landscaping for Clean Water (LCW) public education/outreach and grant program. One LCW introduction class, two design classes, one maintenance workshop, and up to 20 grants for raingardens, native gardens, or native shoreline restorations are funded by the LMRWMO in 2020. LCW is a partnership program also funded by the five other Dakota County Watershed Management Organizations as well as the Dakota County SWCD to put on a total of 33 classes annually.

Since the LMRWMO crosses into Ramsey County in St. Paul, the LMRWMO Administrator suggests enlisting the technical assistance of Ramsey County (formerly Ramsey Conservation District) staff in providing technical assistance for Landscaping for Clean water participants and class instruction. Attached is a draft work plan summarizing their potential role in 2020 in implementing the program within the Ramsey County portion of the LMRWMO, which consists primarily of the West Side of Saint Paul.

BOARD ACTION REQUESTED:

Consider executing an agreement for services with Ramsey County to assist in implementing the Landscaping for Clean Water Program and if so, consider authorizing the LMRWMO Board Chair to execute such an agreement.

ATTACHED:

Draft Ramsey County 2020 Work Plan and Budget

DRAFT 2020 Ramsey County Work Plan and Budget

Prepared for the

Lower Mississippi River Watershed Management Organization

TASK - EDUCATION

COST ESTIMATE

Landscaping for Clean Water Workshops <ul style="list-style-type: none">• Attend 1 Landscaping for Clean Water Introduction Presentation (one evening).• Attend 1 Landscaping for Clean Water Design Workshop (two evenings).• Create map template for participant use in LCW design classes.	20 hours @ \$80/hour = \$1,600
Landscaping for Clean Water Landowner Coord. <ul style="list-style-type: none">• Create individual maps for LCW design class participants in Ramsey County as participants register.	1 hour each @ \$80/hour, up to 6 projects = \$480
Subtotal	\$2,080

TASK - TECHNICAL ASSISTANCE & PROJECT IMPLEMENTATION

COST ESTIMATE

Technical Assistance - Landscaping for Clean Water <ul style="list-style-type: none">• Staff time for technical assistance for LCW grant participants (meet onsite with landowner for project layout, midpoint visit to check elevations, final visit, coordinate with landowner remotely, coordinate with Dakota County SWCD staff on project reporting, etc.)	6 hours for each project @ \$80/hour, up to 6 projects = \$2,880
Subtotal	\$2,880

TOTAL AGREEMENT NOT TO EXCEED \$4,960



MEMORANDUM

To: LMRWMO Board of Managers
From: Joe Barten, Dakota County SWCD
Subject: 2020 Water Monitoring Planning
Date: February 3, 2020

WATER MONITORING HISTORY

The LMRWMO Watershed Management Plan identifies the need to evaluate and track water quality trends through monitoring of DNR protected water bodies within the WMO. Monitoring efforts since 2011 have focused on lakes larger than 10 acres and on water bodies identified by the member Cities to be of interest.

The LMRWMO Board decided to monitor Lake Augusta, Thompson Lake, and Pickerel Lake in years 2016 - 2019 to track the potential impact of recently implemented projects. In 2018, Lily Lake and Seidl's Lake were also included in the list of lakes to be monitored. Limited samples were taken from Lily Lake and it was removed from the list. Volunteers were found to monitor the above lakes through the Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) with volunteer and analysis coordination provided by the Dakota County SWCD. Interstate Valley Creek was added to the list of monitored waterbodies in 2019 with a volunteer collecting samples for analysis. Other lakes within the LMRWMO are monitored through the CAMP program with Cities coordinating individually with the Met Council and volunteers.

2020 WATER MONITORING

Dakota County SWCD staff recommends continuing to monitor Thompson Lake, Pickerel Lake, Seidl's Lake, Lake Augusta, and Interstate Valley Creek in 2020. The water quality data will be useful in demonstrating the effectiveness of LMRWMO past and potential future projects implemented to improve the water quality of those waterbodies. Pickerel Lake had previously been identified as a priority through the WRAPs study and continued monitoring would enhance the data set to determine if it is impaired for phosphorus in years that it doesn't flood. To maintain baseline data, Dickman and Schmitt lakes are also recommended for monitoring in 2020. Attached is a list of historic and proposed monitoring locations.

If LMRWMO member Cities would like additional lakes to be included in the 2020 contract between the Met Council and LMRWMO, please propose them at the February 12th meeting, as the Met Council has a March deadline to submit lakes to be included in the CAMP program.

2020 LAKE MONITORING

The CAMP program obtains data on eutrophication parameters only, which include total phosphorus, chlorophyll *a*, and Secchi depth. CAMP volunteers also collect surface temperature data and note general observations such as water color, odor, wind conditions, lake level, amount of aquatic plants, physical condition, and recreational suitability.

The cost per lake for CAMP covers the training, monitoring equipment, and monitoring supplies for each CAMP volunteer, as well as the laboratory analysis for total phosphorus and chlorophyll *a*.

2020 STREAM MONITORING

Dakota County SWCD staff are coordinating with a volunteer stream monitor at Interstate Valley Creek. The sample analysis monitoring occurs through the Met Council's lab, testing water samples for total phosphorus and total suspended solids concentrations.

2020 WATER MONITORING COST ESTIMATE

Thompson Lake	CAMP - 7 Events	\$380
Pickerel Lake	CAMP - 7 Events	\$380
Seidl's Lake	CAMP - 7 Events	\$380
Lake Augusta	CAMP - 14 Events	\$760
Schmitt Lake	CAMP - 7 Events	\$380
Dickman Lake	CAMP - 7 Events	\$380
Interstate Valley Creek	CAMP - 7 Events	\$400
Total		\$3,060

The current 2020 LMRWMO Budget and 2020 SWCD Work Plan includes services for data management, volunteer coordination, and backup water monitoring if the volunteer is unavailable. SWCD staff can reach out to landowners on Dickman and Schmitt Lakes to solicit volunteer water monitors.

ADDITIONAL INFORMATION

The Metropolitan Council's 2019 CAMP data is not yet available. When this information becomes available, Dakota SWCD staff will provide monitoring summary factsheets for the Board at an upcoming meeting.

BOARD ACTION REQUESTED:

- Determine which waterbodies to fund water quality monitoring for 2020. SWCD staff recommend Thompson Lake, Pickerel Lake, Seidl's Lake, Lake Augusta, Schmitt Lake, Dickman Lake, and Interstate Valley Creek.
- Authorize the Administrator to execute an agreement with the Metropolitan Council for 2020 water monitoring through the CAMP program.

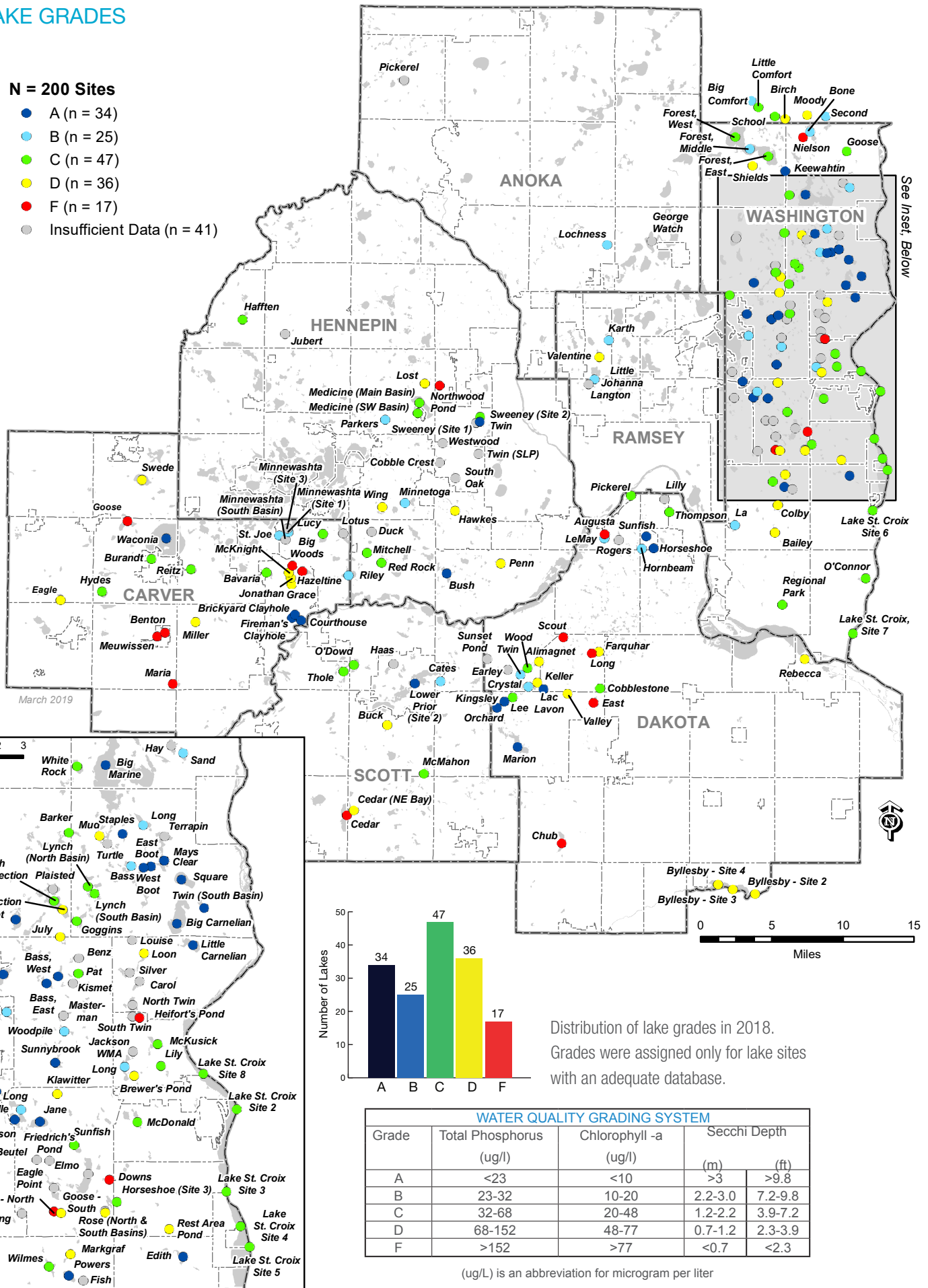
ATTACHED:

Summary of Past and Future Water Monitoring
2018 CAMP Lakes Map & Lake Grades (Published in 2020)

2018 LAKE GRADES

N = 200 Sites

- A (n = 34)
- B (n = 25)
- C (n = 47)
- D (n = 36)
- F (n = 17)
- Insufficient Data (n = 41)





MEMORANDUM

To: LMRWMO Board of Managers
From: Joe Barten, Dakota County SWCD
Subject: LMRWMO Grant/Project Update
Date: February 4, 2020

SUMMARY

The LMRWMO had the below active grants in 2019 from both the Board of Water and Soil Resources (BWSR) via the State Clean Water Fund and the Metropolitan Council. Below is a summary of status of those grants.

RECENTLY COMPLETED GRANTS/PROJECTS

2016 Metropolitan Council Stormwater Grant - Lilydale SAFL Baffle Installation

The LMRWMO was awarded \$9,000 in grant funds for the installation of a SAFL Baffle and educational sign in Lilydale as part of the Hwy. 13 reconstruction project. The SAFL Baffle and signage were installed and the grant was closed out in 2019.

2017 Metropolitan Council Stormwater Grant - Seidl's Lake Water Quality Improvement Project

The LMRWMO was awarded \$150,000 in grant funds for the installation of an underground tree trench stormwater management system to intercept and infiltrate stormwater prior to it entering Seidl's Lake. Construction of the project is complete and the educational sign is installed. Grant reporting was submitted to the Met Council in late 2019 and the grant was closed out with a \$150,000 reimbursement to the City of South St. Paul for project costs.

FY-2016 Clean Water Fund Grant - Sunfish Lake and Lake Augusta Aluminum Sulfate Treatments

The LMRWMO was awarded \$196,000 in grant funds for the implementation of two aluminum sulfate treatments on Sunfish Lake and Lake Augusta, to reduce phosphorus levels in the lakes. The majority of work for this grant has been completed. Final grant reporting and closeout has been provided to BWSR as of February 3rd and grant closeout is pending with the final 10% payment expected in early 2020.

IN PROGRESS GRANTS/PROJECTS

FY-2016 Clean Water Fund Grant - Thompson Lake Stormwater Improvements

The LMRWMO was awarded \$576,000 in grant funds for the construction of underground stormwater treatment devices, a stormwater pond forebay, a treatment wetland, and a stormwater reuse system to reduce pollutants entering Thompson Lake in West St. Paul. The project is being implemented in conjunction with Dakota County and The City of West St. Paul. Construction began on the project with tree clearing and dredging in late 2018, trail and stormwater BMP construction in early 2019, and restoration and substantial completion in late May of 2019. Remaining items include repair of a berm between the wetland and lake by the contractor, minor punch list grading and restoration items, and installation of permanent educational signage. The grant is expected to be closed out in late 2020.

FY-2018 Clean Water Fund Grant - Cherokee Heights Stormwater Mgmt. and Ravine Stabilization

The LMRWMO was awarded \$700,000 in grant funds to stabilize the approximately 300 feet long Upper Cherokee Heights Ravine, which is downstream of a 60-inch culvert under Cherokee Heights Boulevard. The project included the installation of two underground stormwater treatment devices to improve the quality of incoming stormwater, and used engineered and bioengineered techniques to stabilize the channel.

Construction costs for the project have come in below budget, which leaves remaining grant funds to potentially be utilized. Project partners assessed options for how to utilize remaining funds to enhance the project. LMRWMO staff will evaluate the potential to utilize any remaining grant funds after the final reimbursement request from St. Paul in partnership with BWSR staff.

2019 Metro Watershed Based Funding

The LMRWMO was awarded \$144,670 in grant funds for the implementation of multiple education programs for use by the LMRWMO and its partners, which include a stenciling program to engage, multi-lingual educational material regarding chloride, pesticides, herbicides, and fertilizer application for dispersal by member cities, public educational materials regarding impaired waters and the TMDL programs developed to address the impairments, and multi-lingual chloride training opportunities for both public and private entities. Funds are also for a feasibility study to determine implementation activities to improve the water quality of Lake Augusta, and a feasibility study of Interstate Valley Creek to identify areas of erosion, streambank protection options, weir replacement, and identification of BMPs for pollutant and volume reduction in watershed.

In 2019, lake post cards were created for distribution to residents of Rogers Lake, Lemay Lake, and Lake Augusta informing them of actions they can take to protect their lake water quality. Preliminary coordination has been done to create a Spanish subtitled video to educate landowners on the benefits of raingardens, native gardens, and native shoreline restorations.

2019 Clean Water Fund - Conservation Corps Crew Labor in Lilydale Regional Park

2019 Conservation Corps crew time was awarded to continue maintenance of the newly installed portions of the Pickerel Lake filter strip, conduct light maintenance on the 2008 filter strip and continue the establishment period maintenance of the 5 rain gardens. Crews also performed establishment period maintenance on the 11 acres of shelterwood pockets in the floodplain of Lilydale Regional Park. St. Paul staff will provide the LMRWMO with a summary of completed work in early 2020.

BOARD ACTION REQUESTED: None

ATTACHED: February 2020 BWSR Grant Financial Summaries
Summary of 2019 CCMI Crew Work in Lilydale Regional Park



Financial Report

Projects and Practices 2016

Grant Title: LMRWMO WRAPS Internal Phosphorus Loading Control: Lake Augusta and Sunfish Lake

Grant ID: C16-8248

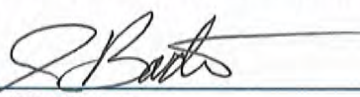
Organization: Lower Mississippi River WMO

Grant Revenue	Amount
Total Awarded	\$196,000.00

Grant Expenditures

Grant Activity Category	Amount
Technical/Engineering Assistance	\$47,668.09
Non-Structural Management Practices	\$118,412.50
Education/Information	\$6,487.50
Administration/Coordination	\$8,796.85
Inventory/Mapping	
Project Development	\$17,187.93
Total Spent	\$198,552.87
Returned Amount	\$0.00
Balance Remaining	\$-2,552.87
Percent Spent	101%

This is to certify that the information is a true and accurate representation of the grant program accounts for the LMRWMO WRAPS Internal Phosphorus Loading Control: Lake Augusta and Sunfish Lake- Lower Mississippi River WMO. We believe our records are complete and subject to an audit.



OFFICIAL SIGNATURE

1-29-20

DATE

Please sign, scan, and upload this form to the attachments tab in eLINK.

If returning program funds, please use the Returned Check form.

Make checks payable and mail to:
Board of Water and Soil Resources
520 Lafayette Road N.
St. Paul, MN 55155



Financial Report

Projects and Practices 2018

Grant Title: Cherokee Heights Stormwater Management and Ravine Stabilization Project

Grant ID: C18-4196

Organization: Lower Mississippi River WMO

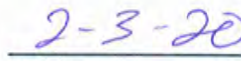
Grant Revenue	Amount
Total Awarded	\$700,000.00

Grant Expenditures

Grant Activity Category	Amount
Technical/Engineering Assistance	\$115,772.38
Education/Information	\$12,003.91
Streambank or Shoreline Protection	\$187,519.28
Administration/Coordination	\$5,534.73
Urban Stormwater Management Practices	\$137,011.46
Project Development	\$10,783.36
Total Spent	\$468,625.12
Returned Amount	\$0.00
Balance Remaining	\$231,374.88
Percent Spent	67%

This is to certify that the information is a true and accurate representation of the grant program accounts for the Cherokee Heights Stormwater Management and Ravine Stabilization Project- Lower Mississippi River WMO. We believe our records are complete and subject to an audit.


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If returning program funds, please use the Returned Check form.

***Make checks payable and mail to:
Board of Water and Soil Resources
520 Lafayette Road N.
St. Paul, MN 55155***



Financial Report

Projects and Practices 2016

Grant Title: Thompson Lake Water Quality Improvement and WRAPS Implementation

Grant ID: C16-4858

Organization: Lower Mississippi River WMO

Grant Revenue	Amount
Total Awarded	\$576,000.00

Grant Expenditures

Grant Activity Category	Amount
Technical/Engineering Assistance	\$103,238.75
Education/Information	\$20,447.64
Administration/Coordination	\$7,606.48
Urban Stormwater Management Practices	\$72,719.65
Project Development	\$20,146.14
Total Spent	\$224,158.66
Returned Amount	\$0.00
Balance Remaining	\$351,841.34
Percent Spent	39%

This is to certify that the information is a true and accurate representation of the grant program accounts for the Thompson Lake Water Quality Improvement and WRAPS Implementation- Lower Mississippi River WMO. We believe our records are complete and subject to an audit.



OFFICIAL SIGNATURE

2-3-20

DATE

Please sign, scan, and upload this form to the attachments tab in eLINK.

If returning program funds, please use the Returned Check form.

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Board of Water and Soil Resources
520 Lafayette Road N.
St. Paul, MN 55155



Financial Report

Watershed Based Funding Metro 2019

Grant Title: 2019 - Watershed Based Funding Metro (Lower Mississippi River WMO)

Grant ID: P19-3265

Organization: Lower Mississippi River WMO

Grant Revenue	Amount
Total Awarded	\$144,670.00

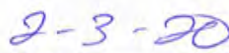
Grant Expenditures

Grant Activity Category	Amount
Education/Information	
Administration/Coordination	\$37.35
Project Development	\$1,450.15
Planning and Assessment	
Total Spent	\$1,487.50
Returned Amount	\$0.00
Balance Remaining	\$143,182.50
Percent Spent	1%

This is to certify that the information is a true and accurate representation of the grant program accounts for the 2019 - Watershed Based Funding Metro (Lower Mississippi River WMO)- Lower Mississippi River WMO. We believe our records are complete and subject to an audit.



OFFICIAL SIGNATURE



DATE

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520 Lafayette Road N.

St. Paul, MN 55155

LMRWMO Clean Water – Lilydale Regional Park 2019 Restoration Maintenance Activities

Conservation Corps Crew Time

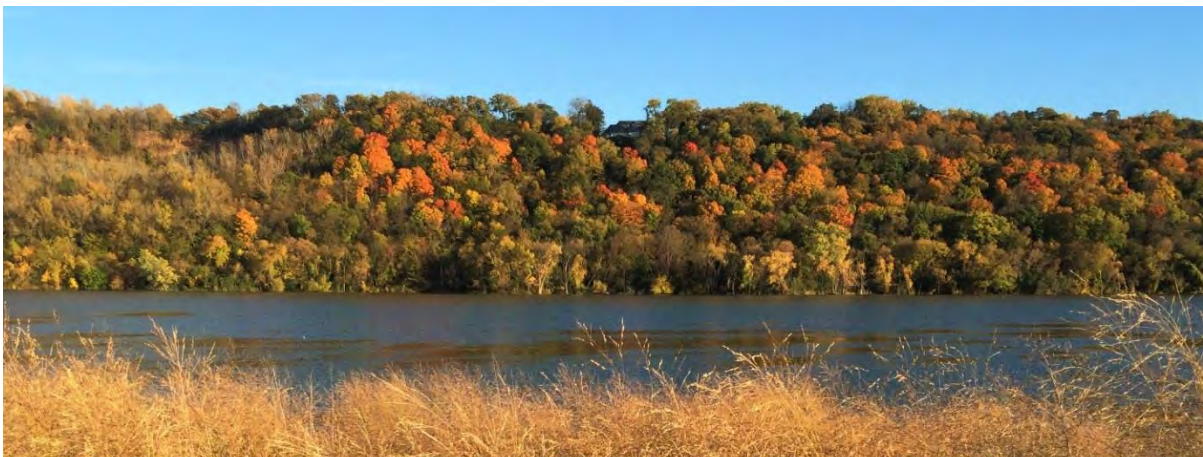
In 2019, Conservation Corps of Minnesota (CCM) crews maintained active restoration sites throughout Lilydale Regional Park for a total of 632 hours. Of these hours, 442 were worked by the adult crew, while 190 hours were worked by the Conservation Corps' EcoRangers youth crews (funded through CCM).

CCM spent two field days (60 hours) in July and September maintaining shelterwood plantings to reduce competition from invasive species (i.e. burdock). These shelterwood pockets were planted in 2014 with herbaceous seed and trees, as part of a Conservation Partners Legacy grant. Due to 4 consecutive years of maintenance, mainly via Clean Water CCM or volunteer time, the shelterwood pockets have stayed in good shape and are now at a point where maintenance activities only need to take place once per season (as opposed to other sites where maintenance takes place approximately once per month).

For most of their time in Lilydale, CCM was tasked with maintaining the shoreline of Pickerel Lake and rain gardens in the area to reduce the spread of invasive plant species like purple loosestrife, phragmites, reed canary grass, and Japanese knotweed (250 hours). The CCM crew was also able to experience helping setup trail cams for a portion of a work day to track some of the local wildlife (20 hours).

Through the Conservation Corps Summer youth program, EcoRangers, youth led by adults spent a total of 310 hours (190 youth hours & 112 adult leader hours) working on maintaining rain gardens, Pickerel Lake shoreline, and the designated prairie area ("Picnic Hill") adjacent to the Pickerel parking lot. Most of the work was related to invasive species management of common tansy, burdock, spotted knapweed, and purple loosestrife. The EcoRangers crew was also able to plant 72 native plant plugs along the Pickerel shoreline. Plugs were propagated by Saint Paul Natural Resources staff from seed collected in 2018.

Due to seasonal flooding a large portion of Lilydale Road and Water Street were closed since the start of the Spring season. Because of this a lot of the time we could have the Corps crew in Lilydale was relatively limited to Pickerel Lake, rain gardens, and the "picnic hill" area. Crews were able to intermittently maintain the shelterwood plantings, but only when flooding stages were low. Even though flooding had presented issues we were able to nearly meet the Clean Water funds at 442 hours worked of 450.



Volunteer Contributions

The City of Saint Paul's Natural Resources program hosted one volunteer event at Lilydale in 2019, primarily due to park closures from flooding. The following table shows the details for this event:

Date	Organization	Activity	Number of Volunteers	Volunteer Hours
6/27/2019	Guadalupe Alternative Programs (GAP)	Native plug planting	9	22.5

resourceful. naturally.
engineering and environmental consultants



February 5, 2020

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

Dear Mr. Barten:

Enclosed are Barr Engineering Co.'s rate schedules for fiscal year 2020 (Barr's 2020 fiscal year runs from December 28, 2019 through December 25, 2020). These schedules are proposed as the basis for our 2020 work for Lower Mississippi River Water Management Organization. The hourly rates for individuals who regularly work on projects for the LMRWMO are shown below.

<u>Individual</u>	<u>Title/Project Role</u>	<u>2019</u>	<u>2020</u>
Janna Kieffer	Principal and Client Manager	\$165	\$170
Greg Williams	Project Manager	\$140	\$145

Please also accept this letter as notification that we have renewed our professional and general liability insurance. If our agreement with you requires that you receive a current insurance certificate, you should already have received that directly from our insurance representative. If you have not, or if you have any questions regarding our insurance coverages, please contact either Brian LeMon at 952-832-2774 or Greg Keil at 952-832-2874.

We remain committed to providing superior technical expertise, sound advice and attention to you and your organization's needs, and ask for your feedback if you feel we aren't measuring up to those goals. We appreciate your confidence in Barr and look forward to being of continued service. If you have any questions about our rate schedules or our work for you, please contact me.

Sincerely,

A handwritten signature in blue ink that reads "Janna Kieffer".

Janna M. Kieffer
Vice President

JMK/abm
Enclosures



Fee Schedule—2020

Rev. 12/28/19

Description	Rate* (U.S. dollars)
-------------	-------------------------

Principal.....\$145-295

Consultant/Advisor\$185-250

Engineer/Scientist/Specialist IV\$155-180

Engineer/Scientist/Specialist III.....\$125-150

Engineer/Scientist/Specialist II.....\$95-120

Engineer/Scientist/Specialist I.....\$65-90

Technician III\$125-150

Technician II.....\$95-120

Technician I.....\$60-90

Support Personnel II\$95-150

Support Personnel I\$50-90

Rates for litigation support services will include a 30% surcharge.

A ten percent (10%) markup will be added to subcontracts for professional support and construction services to cover overhead and insurance surcharge expenses.

Invoices are payable within 30 days of the date of the invoice. Any amount not paid within 30 days shall bear interest from the date 10 days after the date of the invoice at a rate equal to the lesser of 18 percent per annum or the highest rate allowed by applicable law.

For travel destinations within the continental U.S. (CONUS) and Canada, meals will be reimbursed on a per diem basis. The per diem rate will be as published by the U.S. Internal Revenue Service (IRS) based on the High-Low method. Full day per diem rates will be pro-rated on travel days. For travel destinations outside the continental U.S. (CONUS) and Canada, meals will be reimbursed based on actual expenses incurred.

All other reimbursable expenses including, but not limited to, costs of transportation, lodging, parking, postage, shipping and incidental charges will be billed at actual reasonable cost. Mileage will be billed at the IRS-allowable rate.

Materials and supplies charges, printing charges, and equipment rental charges will be billed in accordance with Barr's standard rate schedules.

Principal category includes consultants, advisors, engineers, scientists, and specialists who are officers of the company.

Consultant/Advisor category includes experienced personnel in a variety of fields. These professionals typically have advanced background in their areas of practice and include engineers, engineering specialists, scientists, related technical professionals, and professionals in complementary service areas such as communications and public affairs.

Engineer/Scientist/Specialist categories include registered professionals and professionals in training (e.g. engineers, geologists, and landscape architects), and graduates of engineering and science degree programs.

Technician category includes CADD operators, construction observers, cost estimators, data management technicians, designers, drafters, engineering technicians, interns, safety technicians, surveyors, and water, air, and waste samplers.

Support Personnel category includes information management, project accounting, report production, word processing, and other project support personnel.

*Rates do not include sales tax on services that may be required in some jurisdictions.



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 1 of 8

Description

(U.S. dollars)

	Rate	Unit
Non-Expendable Equipment		
<i>Air Quality</i>		
Air-Cooled M5 Probe/Oven Assembly	300.00	Day
Ambient SO ₂ Monitor.....	100.00	Day
Analytical Balance (each usage).....	6.00	Use
Analyzer Filter Oven.....	15.00	Day
Analyzer Support Kit (a.)	400.00	Day
Anemometer.....	50.00	Day
CO Analyzer	250.00	Day
CO Cal Gases (set of 2)	40.00	Day
CO/O ₂ /CO ₂ Regulators (set of 2)	20.00	Day
Data Logger	40.00	Day
Delta Calibrator	100.00	Day
Digital Calibrator.....	30.00	Day
Dilution Calibrator.....	200.00	Day
Dual Pen Strip Chart	50.00	Day
EPA 6 SO ₂ Analysis Kit.....	60.00	Day
EPA Method 25 (TGNMO) Sampling Train	250.00	Day
EPA Method 202	130.00	Test
EPA Method 3 ORSAT Analyzer.....	25.00	Day
EPA Method 30B Probe	50.00	Day
EPA Method 4	270.00	Day
EPA Method 5 Sampling Train.....	400.00	Day
EPA Method 5 Wet Test Meter Calibrator.....	240.00	Day
Gas Chromatograph Model 302.....	367.00	Day
Gas Conditioner	60.00	Day
Heated Sample Line (100').....	100.00	Day
Heated Sample Line (150')	100.00	Day
Heated Sample Line (50').....	60.00	Day
Hivol Ambient Sampler Calibration Kit	25.00	Day
Hydrocarbon Calibration Gases	60.00	Day
Hydrocarbon Regulator Set.....	30.00	Day
Meteorological Station.....	1,000.00	Month
Met Station Calibration Kit.....	120.00	Day
Midget Impinger Sample Line	50.00	Day
Midget Impinger Sampling Train	40.00	Day
MKS Multi-Gas Analyzer	1,100.00	Day
NCASI Method 8A Train.....	250.00	Day
NCASI Sample Train.....	50.00	Day
NO _x Analyzer	260.00	Day
NO _x Cal Gases (set of 2)	40.00	Day
NO _x /SO ₂ Regulators (set of 2)	25.00	Day
O ₂ /CO ₂ Analyzer	250.00	Day
O ₂ /CO ₂ Cal Gases (set of 2)	40.00	Day
PM ₁₀ /2.5 In. Stack Separators.....	100.00	Day
Ohio Lumex Mercury Analyzer.....	1,500.00	Day
PM ₁₀ BAM-1020	370.00	Month



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 2 of 8

Description (U.S. dollars)

	Rate	Unit
PM ₁₀ HiVol.....	120.00	Month
Portable Oxygen Analyzer	40.00	Day
Primary Standard Flow.....	60.00	Day
Single Pen Strip Chart Recorder.....	35.00	Day
SO ₂ Analyzer.....	300.00	Day
SO ₂ Calibration Gas	40.00	Day
Testo 350 Portable Analyzer	270.00	Day
Total Hydrocarbon Analyzer.....	400.00	Day
TRS Kit.....	100.00	Day
TSP Hi-Vol Sampler	30.00	Day
Unheated Sample Line (100 ft.)	40.00	Day
Universal Control Console (Vost Meter).....	200.00	Day
Volumetric Air Flow Measurement Kit	60.00	Day
Field Equipment		
1½-inch Submersible Purge Pump	35.00	Day
360 Degree Camera.....	18.00	Day
Alpha Water Bottle (each usage)	3.00	Use
Arc Flash Label Printer.....	5.00	Use
Area/Velocity Flow Meter	35.00	Day
Automatic Sampler with Depth Sensor and Flow Meter.....	60.00	Day
Automatic Sampler.....	30.00	Day
Bladder Pump w/Controller	125.00	Day
Conductivity Meter	17.50	Day
Current Meter Suspension Kit.....	55.00	Day
Data Transfer System (DTU)	22.00	Day
Depth Sensor/Flow Meter Only	30.00	Day
Differential Pressure Datalogger.....	18.00	Day
Dissolved Oxygen Meter	29.00	Day
Dissolved Oxygen Sensor/Data Logger System.....	30.00	Day
Dissolved Oxygen/Conductivity Meter	38.25	Day
Ekman Dredge	6.00	Day
Electric Vacuum Pump.....	10.00	Day
Electromagnetic Flowmeter.....	65.00	Day
Environmental Equipment Shelter.....	2.75	Day
Field Rugged Laptop or Pocket PC.....	25.00	Day
Fluorometer Kit, Model 10-AU.....	240.00	Day
GEM 2000 Landfill Gas Analyzer	87.00	Day
Gas Centrifugal Pump.....	26.75	Day
Gas Generator	29.00	Day
Gator Diesel Air Compressor	60.00	Day
Go-Pro Camera.....	20.00	Day
Hand Vacuum Pump.....	2.30	Day
Hand-held Velocity Flow Meter	40.50	Day
Heavy-Duty Weed/Brush Trimmer	17.00	Day
HOB0 Weather Station.....	21.00	Day
Kemmerer Vertical Bottle Sampler.....	33.50	Use
Level Troll Water Level/Temp Transducer	45.00	Day
LR-24 Electro-Fisher	200.00	Day



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 3 of 8

Description (U.S. dollars)

	Rate	Unit
Measurement and Control Datalogger	13.00	Day
Oil, Water Interphase Probe.....	60.00	Day
Orbital Shaker Table	105.00	Day
Peristaltic Pump	35.00	Day
Petite Ponar Dredge.....	14.50	Day
pH Meter	27.75	Day
Phipps & Bird Jar Tester	30.00	Day
Pneumatic Slug Kit.....	9.00	Day
Portable Colorimeter	34.75	Day
Portable Doppler or TT Ultrasonic Flow Meter	69.00	Day
Portable Field Scale	15.00	Day
Portable Greenhouse Gas Analyzer	200.00	Day
Portable SVE Blower.....	29.00	Day
Power Cable for Sodar Equipment.....	167.00	Month
Radon Monitor.....	62.00	Day
RST Single-Channel Vibrating Wire Data Logger	4.00	Day
Sediment Corer (per sample)	5.75	Use
Seisgun	60.00	Day
Shear Cell	419.00	Day
Sodar Trailer (3-month minimum)	3,000.00	Month
Soil Core Sampler/Bucket Auger	29.00	Day
Soil Vapor Extraction System with Trailer	135.00	Day
Solar Panel Module w/Charge Controller.....	12.00	Day
Sontek ADV (Acoustic Doppler Velocimeter)	128.00	Day
Spectrometer UV/VIS Ocean Optics	115.00	Day
Spill Containment Kit.....	10.00	Day
Split Tube Soil Probe/Hand Auger	12.00	Day
StreamPro ADCP	450.00	Day
Submersible Pump (SS w/controller)	125.00	Day
Sub-Slab Vapor Sampling Kit.....	50.00	Use
Temperature Datalogger	1.50	Day
Temperature, Level, Conductivity Meter (Solinst)	45.00	Day
Tent	15.00	Day
Turbidimeter	25.00	Day
Turbidity Sensor w/Cable, DTS-12.....	43.00	Day
Underwater Viewing Camera	60.00	Day
Unmanned Aircraft System (UAS)	160.00	Day
UV Organics Monitor.....	22.00	Day
Vapor Sampling Manifold	4.00	Use
Vibra-coring System (for Jon Boat)	150.00	Day
Vibra-coring System (for Pontoon).....	500.00	Day
VW Piezometer/Data Logger Combo.....	200.00	Use
Water Quality Meter (YSI ProDSS)	150.00	Day
Water Quality Meter (YSI 556 MPS)	85.00	Day
Well Level Indicator.....	22.00	Day
WTW 1970i Conductivity Meter.....	85.00	Day
Zooplankton Net.....	7.00	Day
Zooplankton	145.00	Day



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 4 of 8

Description

(U.S. dollars)

	Rate	Unit
GSHM Hardware and Software		
900 MHz Base Station	250.00	Month
AMTS Protective Enclosure	523.00	Month
AMTS Solar Power Package.....	500.00	Month
Cellular Modem	100.00	Month
Cellular Modem Antenna.....	25.00	Month
Chemcad.....	38.00	Hour
Geomos Alarm Package	250.00	Month
GNSS Sensing Base Station.....	500.00	Month
GNSS Sensing Receiver.....	500.00	Month
I-Site Software.....	63.00	Hour
In-Place Inclinator (IPI) System.....	21.00	Day
IPI System Data Acquisition Auxiliary Station w/Radio	7.00	Day
IPI System Data Acquisition Base Station w/Cell and Radio	8.00	Day
Metsim.....	35.00	Hour
MineSight Software	50.00	Hour
Multi Channel 900 MHz Logger.....	100.00	Month
Prism – 360 Degree (c)	50.00	Use
Prism – Long Range (c)	35.00	Use
Prism – Short Range (c).....	25.00	Use
Single Channel 900 MHz Logger	50.00	Month
Tablet Computer	15.00	Day
Vibration System	1,000.00	Day
Vista Data Vision, Presentation Software	150.00	Month
Vista Data Vision Site License	150.00	Each
Vulcan Software	50.00	Hour
VW Readout.....	25.00	Day
Weekly AMTS Active Monitoring.....	1,000.00	Week
Weekly AMTS Inactive Monitoring	250.00	Week
Wireless Vibration Sensor	700.00	Month
Wireless Vibration Sensor Communication Hub	1,200.00	Month
Materials and Testing		
Borehole Camera System	140.00	Day
Brass Sieve Set.....	6.00	Day
Chlorophyll a (CHL a).....	60.00	Day
Coarse Sieve Set	10.00	Day
Concrete Air Meter	36.00	Day
Concrete Test Hammer.....	40.50	Day
Cyre Sampler	150.00	Day
Cyre Sampler Push Frame.....	100.00	Day
DL Plus Ultrasonic Kit (37DL, 36DL, 26XTDL).....	62.00	Day
Double Ring Infiltrometer	65.00	Day
Dual-Mass Dynamic Cone Penetrometer.....	50.00	Day
Dye Penetrant Kit	22.00	Day
Filter Press	160.00	Day
Flat Plate Dilatometer.....	500.00	Day
GeoKon Black Handheld VW Reader	20.00	Day
Geomil VST Electrical Vane Tester.....	50.00	Test



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 5 of 8

Description (U.S. dollars)

	Rate	Unit
Hand Vane Shear.....	98.50	Day
Heavy-Duty Balance	16.00	Day
Horizontal Sample Ejector.....	29.50	Day
Kessler Field Moisture Oven	45.00	Day
Liquid Limit Set.....	7.50	Day
Load Plate Apparatus.....	230.00	Day
Magnetic Crawler	48.00	Day
Magnetic Particle Kit	38.00	Day
Manual Extensometer (Slideminder).....	32.00	Day
Metal Thickness Gauge	50.00	Day
Minimate Plus Blast Monitor.....	100.00	Day
MPD Infiltrator – Triple Kit.....	61.00	Test
Paint Thickness Gauge	15.00	Day
Phytoplankton	145.00	Day
Platform Beam Scale	14.75	Day
Point Load Testing System	78.00	Day
Portable CPT.....	200.00	Day
Power Auger	43.00	Day
Proctor Set	4.50	Day
Proving Ring Penetrometer.....	36.00	Day
Resistivity Meter (Ultra Mini-Res).....	110.00	Day
SAA Field Power Unit.....	25.00	Day
Sample Splitter.....	5.00	Day
Sand Cone Set.....	10.00	Day
SINCO Inclinator Probe.....	200.00	Day
Silverwing Crawler	400.00	Day
Soluble Reactive Phosphorus	28.00	Day
Steel Inspection Kit #1	100.00	Day
Steel Inspection Kit #2	300.00	Day
Thermal Imaging Camera, Flir E60	170.00	Day
Torvane Shear Device	2.50	Day
Total Dissolved Phosphorus	30.00	Day
Total Nitrogen (TN)	40.00	Day
Total Phosphorus (TP)	23.00	Day
Vane Inspection Kit	19.00	Day
Vertex CPT Equipment	593.00	Day
Vibrating Wire Logger SINCO VW2104	24.00	Day
Water Treatment Lab	200.00	Day
Weld Inspection Equipment	12.00	Day

Safety

3M PAPR (powered Air Purifying Respirator)	19.00	Day
Emergency Escape Breathing Device.....	18.00	Day
Aerosol/Dust Monitor (PDR-1000)	67.75	Day
Automatic External Defibrillator (AED)	14.00	Day
Calibration Gas Kit	8.75	Day
CO Monitor (ISC T82)	36.00	Day
Confined Space Rescue Retrieval Equipment	295.00	Day
Confined Space Ventilator	54.75	Day



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 6 of 8

Description

(U.S. dollars)

	Rate	Unit
Detector Tube Pump	15.00	Day
Diesel Particulate Monitor Kit FLIR	200.00	Day
Dry Cell Air Flow Calibrator	50.00	Day
Flame Ionization Detector TVA1000	133.00	Day
Flotation Worksuit	19.75	Day
Full-Face Respirator	8.00	Day
H ₂ S Meter (I.S.C. T40)	27.00	Day
Half-Face Respirator	6.00	Day
Helium Detector	55.00	Day
InReach Satellite Communication Device	10.75	Day
MX4 – O ₂ , LEL, H ₂ S, and CO ₄ Gas Meter	45.00	Day
Personal Air Sampling Pump (SKC)	38.00	Day
Photoionization Detector (10.6eV Lamp)	110.00	Day
Photoionization Detector (11.8eV Lamp)	130.00	Day
RKI Eagle-2 Multi-gas Monitor	105.00	Day
Satellite Phone	13.35	Day
Self-Retracting Lifeline (30')	56.00	Day
Sound Level Meter	48.75	Day
Spot Messenger Device	5.85	Day
Supplied Air Breathing System with SCBA	75.50	Day
Traffic Control Signs	2.10	Day
UltraRAE 3000 Photoionization Detector	150.00	Day
Survey		
Aquatic Invasive Species Decon System	170.00	Day
Bathymetry Survey System - Odom	524.00	Day
Canoe	32.00	Day
Centimeter Grade Differential GPS System (Trimble)	145.00	Day
Chain Saw	23.00	Day
Communication Radios (set)	17.75	Day
Differential GPS System (Trimble)	110.00	Day
Garmin GPS	12.00	Day
GPS Camera Kit (Ricoh 500SE)	22.00	Day
Hand Ice Auger	7.00	Day
Iron Locator	17.50	Day
iPad with R1 GPS Receiver	50.00	Day
Jon Boat & Trailer	62.00	Day
Kayak	44.00	Day
Laser Range Finder	87.00	Day
LCD Depth Locator	11.50	Day
Leica HDS ScanStation P20 or P40	125.00	Hour
Leica Scanner RTC 360	68.00	Hour
Leica Structural Monitoring AMTS	97.00	Day
Outboard Motor	46.50	Day
Pontoon Boat Coring Platform	240.00	Day
Power Ice Auger	30.00	Day
Robotic Total Station	45.00	Hour
Real-Time Kinematic (RTK) GPS Survey System (4-hour minimum)	55.00	Hour
Side Scanning Depth Finder	75.00	Day



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 7 of 8

Description (U.S. dollars)

	Rate	Unit
Spectra Laser Level	25.00	Day
Survey Set (Level, Tripod and Rod)	20.75	Day
Total Station Survey Set – Complete	116.50	Day
Trolling Motor and Battery	48.00	Day
Utility Locator	41.00	Day
Z-Boat Bathymetry Survey System	150.00	Hour

Vehicles and Trailers

4WD All-Terrain Vehicle (Ranger)	89.50	Day
Air Sampling Trailer	110.00	Day
Heavy Trailer Towing Mileage (in addition to vehicle mileage at IRS rate)	0.25	Mile
Utility Trailer	35.00	Day
Vehicle – 2WD Field	72.50	Day
Vehicle – 4WD/AWD Field	90.00	Day
Vehicle – Cube Truck	88.00	Day
Vehicle – Personal (b)	58.00	Day
Vehicle Mileage (company and personal)	IRS Rate	
Yakima Canoe Trailer	35.00	Day

Communications and Imaging

Digital Camera	12.00	Day
Video Camera	20.00	Day

Expendable Field Supplies

¼-Inch Bladder Pump Tubing	1.50	Foot
¼-Inch ID PVC Tubing	0.30	Foot
¼-Inch ID Silicone Pump Tubing	2.60	Foot
¼-Inch Teflon Tubing for Vapor Manifold	4.80	Foot
1-Liter Hazmat Cooler Packaging	90.70	Each
2-Liter Hazmat Cooler Packaging	118.70	Each
250-ml Disposable Filtration Apparatus	13.50	Each
3/8-Inch I.D. PVC Tubing	0.40	Foot
3/8-Inch I.D. Silicone Pump Tubing	7.80	Foot
3/8-Inch Teflon Tubing for Vapor Manifold	8.10	Foot
3M Airstream P100 PAPR Filter	49.50	Each
3M Versaflo P100 PAPR Filter	61.30	Each
4-mil Quart Recloseable Bag (pack of 50)	5.40	Pack
5-Gallon Hazmat Packaging	40.80	Each
500-ml Disposable Filtration Apparatus	22.70	Each
Compressed Nitrogen (84 cf “Q Tank”)	20.84	Each
Core Tubing – 3” Aluminum	4.00	Foot
Detector Tubes	16.30	Each
Distilled Water (1 gal.)	0.80	Each
Dot Gloves	1.60	Pair
Encore Sampler - 25 Gram	10.00	Each
Fabric Soil Sample Bag	1.40	Each
Fence Post & Hardware for Stream Gages	14.70	Each
Field Book/Construction Diary (large)	26.90	Each
Field Book/Construction Diary (small)	8.50	Each
Five Gallon Pail with Lid	11.10	Each
Hydrochloric Acid (per liter)	7.40	Each



Rental Equipment Rate Schedule—2020

(Alphabetized)

(see general and end notes)

Rev. 12/28/19

Sheet 8 of 8

Description (U.S. dollars)

	Rate	Unit
Ice	2.50	Bag
In-Line Groundwater Filter	23.20	Each
Knit Glove, Nitrile Coated.....	3.80	Pair
Knit Glove, Nitrile Coated, Insulated	7.70	Pair
Latex Boot Covers.....	7.30	Pair
Lath, 4' (bundle of 50)	40.40	Bundle
Leather Gloves.....	6.70	Pair
Lock	15.80	Each
Nitrile Gloves – Heavy Duty	2.20	Pair
Paper Towels	2.40	Roll
Pin Flagging (bundle of 100)	20.20	Bundle
Poly-Coated Tyvek Coverall	10.60	Each
Polyethylene Tubing for Bladder Pump, ¼"	0.20	Foot
Powder Pillow Pack for Colorimeter.....	1.90	Test
PVC-Coated Heavy Winter Gloves	15.90	Pair
RAE-Sep Benzene Separation Tube	11.00	Each
Replacement Bladder Kit for QED Pump	21.70	Each
Respirator Cartridges – OVAG.....	31.90	Pair
Respirator Cartridges – Particulate	14.50	Pair
Rock Chip Tray	4.50	Each
Roll Flagging (150')	3.40	Each
Saranex Tyvek Coverall	30.60	Each
Snap Top Sediment Container (8 oz.).....	1.10	Each
Spray Paint	4.80	Each
Staff Gauge	57.50	Each
Stakes (bundle of 50)	17.20	Bundle
Surgical Gloves – Thin Nitrile.....	0.20	Pair
Tyvek Boot Covers.....	1.00	Pair
Tyvek/Kleenguard Coverall	3.50	Each
Vapor Pin – Permanent Install Kit.....	91.90	Each
Versaflo OVAG/P100 PAPR Filter	156.80	Each
Weighted Disposable Bailer.....	5.90	Each
Whirl-Pak Headspace Bags (per 50 bags).....	14.30	Pack
Winter Glove Liner, Blue Knit	2.50	Pair
Zooplankton Bottle	2.20	Each

General Notes: Applicable to all Equipment Listed on this Schedule

- 1.) Minimum rental period is 0.5 days unless noted.
- 2.) Rental charges begin on the first day the equipment is used on a project.
- 3.) Rental charges end on the last day the equipment is used on a project.
- 4.) A 25 percent weekly rate discount will apply to equipment rented on a daily basis for 5 or more days.
- 5.) A 40 percent monthly discount will apply to equipment rented on a daily basis for 20 or more days.
- 6.) Equivalent equipment/models may be substituted for the items listed.

End Notes: Applicable to Only the Equipment Noted

- a.) Analyzer Support Kit includes the following: Airflow Kit, Heated Sample Line (50'), Heated Sample Line (100'), Gas Conditioner, Heated Filter Box, Single Pen Recorder, Dual Pen Strip Chart, Data Logger, C3/C4 Cal Gases (set), NO_x/SO₂ Cal Gases (set), CO Cal Gases (set), CO₂/O₂ Cal Gas (set of 2), SO₂ Cal Gas (set of 2), C3 Regulator Set, NO_x/SO₂ Regulators (set of 2), and CO/CO₂/O₂ Regulators (set of 2)
- b.) Employee personal vehicles subjected to field, off-site, transport or other severe duty.
- c.) Used prisms.



January 15, 2020

Joseph Collins
President, Board of Managers
Capitol Region Watershed District
595 Aldine Street
Saint Paul, MN 55104

RE: Response to Capitol Region Watershed District Draft Implementation Plan Item

The Lower Mississippi River Watershed Management Organization (LMRWMO) Board of Managers was recently notified that the Capitol Region Watershed District (CRWD) has drafted an implementation plan, version 4, dated 12-2-19, which includes the following item:

Item 370B – St. Paul West Side water management exploration

“(The CRWD will) Work with partners to evaluate current water management in Saint Paul’s West Side and explore expanding District boundaries to include the West Side. The West Side is located in the Lower Mississippi (River) Watershed Management Organization and it is the only section of Saint Paul not within a watershed district.”

The LMRWMO Board discussed this topic at their January 8, 2020 meeting. Given the impact that this topic has on the LMRWMO, the LMRWMO Board moved to inform the CRWD Board of Managers that they are in opposition to the above implementation item. The LMRWMO Board is in opposition to the CRWD exploring the annexation of the West Side of Saint Paul and modifying the LMRWMO/CRWD boundary for the following reasons:

- The LMRWMO Board is opposed to a governance or boundary change when the current LMRWMO/ CRWD boundary is aligned with hydrologic boundaries, common sense intercommunity flow boundaries, and resource-based concerns.
- Modifying watershed boundaries for the purpose of including an entire City under a Watershed District does not constitute a resource-based concern and the LMRWMO Board does not see any issues that would necessitate such a change.
- The LMRWMO Board and Joint Powers Agreement establishing the LMRWMO, which has been in effect since 1985, serves as a valuable conduit for collaboration among the LMRWMO member Cities with unique intercommunity drainage and stormwater issues, including the City of Saint Paul.

C/O DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT
4100 220TH ST. WEST SUITE 102
FARMINGTON, MN 55024

www.dakotaswcd.org/watersheds/lowermisswmo/

- The LMRWMO Board believes it is not within the purview of adjacent Metro Watershed Management Organizations to evaluate water resource management outside their own boundaries. MN State Statute 103B dictates that responsibility and authority to be with the Minnesota Board of Water and Soil Resources.
- The LMRWMO remains open to shared information and collaboration with CRWD if opportunities or resource concerns arise.

Sincerely,

Sharon Lencowski
Chair, Board of Managers
Lower Mississippi River Watershed Management Organization

Cc. Melissa King - MN Board of Water & Soil Resources, Board Conservationist
Mark Doneux - CRWD Administrator
Anna Eleria - CRWD Planning, Projects, & Grants Division Manager