



Board of Managers Meeting Agenda

Wednesday - January 13th, 2021 - 3:00 p.m.

Held Remotely Online

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. Election of Officers - Chair* Action
3. Approval of December 9th, 2020 Meeting Minutes - Chair* Action
4. Approval of January 13th, 2021 Financial Summary & Invoices - Treasurer* Action
5. Review and Approve Thompson Lake Project Maintenance Agreement - SWCD* Action
6. Presentation: LMRWMO Water Monitoring - Dakota County SWCD Information
7. Updates and Handouts
 - 7.1 Grant Tracking Update - Barr** Information
 - 7.2 LMRWMO Grant Status Update* Information
 - 7.3 2020 Landscaping for Clean Water Summary* Information
 - 7.4 Sunfish Lake Request for Off Cycle Assessment* Information
 - 7.5 MN Water Stewards Update Information
 - 7.6 Other Updates / Member City Updates Information
8. Agenda Items for Next Meeting: February 10th, 2021
9. Adjourn

*Materials included in full packet

**Materials available separately on website:

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

Meeting Information on Following Page.

Please note, the January 13th, 2021 LMRWMO Board meeting will take place **via teleconference by phone and/or the web-based application, Zoom, at 3:00 pm**. We are following provisions in Minnesota Open Meeting Law addressing meetings in the case of pandemic. Please visit the meeting listing below for instructions on how to participate. **The meeting link will be open at 2:30, 30 minutes prior to the start time, to allow for technical troubleshooting for people to get connected and into the meeting.**

LMRWMO January 13th, 2021 Board Meeting

Time: Jan 13, 2021 02:30 PM Central Time (US and Canada) (Zoom meeting opens at 2:20 for troubleshooting, meeting starts at 3:00 pm)

Join Zoom Meeting:

<https://dakotacountymn.zoom.us/j/96946924321?pwd=MEpaaVE2TDduV2MxQXJoTjZnWGwwUT09>

Meeting ID: 969 4692 4321

Passcode: 388879

Dial by your location

+1 651 372 8299 US (Minnesota)

Meeting ID: 969 4692 4321

Passcode: 388879

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.



MEETING MINUTES

Board of Managers Regular Meeting

December 9, 2020 - 3:00 p.m.

Meeting Held Remotely Online

Managers and Alternates in Attendance:

Sharon Lencowski, (Chair) Inver Grove Heights
Sheila Vanney, West St. Paul
Lyle Hanzal, Lilydale

Karen Reid, (Vice Chair) Saint Paul
Mary Jeanne Schneeman, (Sec/Tres)
Jill Smith, Mendota Heights

Advisors and Others in Attendance:

Tom Kaldunski, Inver Grove Heights
Krista Spreiter, Mendota Heights
Ross Beckwith, West St. Paul
Valerie Grover, Dakota County
Greg Williams, Barr Engineering

Ryan Ruzek, Mendota Heights
Pat Murphy, St. Paul
Dee McDaniels, Dakota County
Emily Gable, Dakota County
Joe Barten, Dakota County SWCD

1. Call Meeting to Order

1.1 Public Comment / Introductions

Audience members may address the Board regarding items not on the agenda. Please limit to three minutes.

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

MOTION by Hanzal to approve the agenda for the December 9th, 2020 meeting, second by Reid; Roll call approval by Lencowski, Reid, Schneeman, Hanzal; motion passed.

2. Approval of the November 12, 2020 Meeting Minutes

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

MOTION by Reid to approve the previous meeting minutes, second by Hanzal; Roll call approval by Lencowski, Reid, Schneeman, Hanzal; motion passed.

3. Approval of December 9, 2020 Financial Summary & Invoices

Spreiter provided an overview of the finances and invoices to be paid and recommended approval.

MOTION by Hanzal to approve the financial summary and invoices to be paid, second by Schneeman; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Hanzal; motion passed.

4. Review and Approve 2021 Board Meeting Schedule - SWCD*

The Board discussed the proposed 2021 meeting schedule. Kaldunski suggested adding that the meetings will be planned to be held remotely online.

MOTION by Hanzal to approve the 2021 meeting schedule with the suggested changes, second by Schneeman; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Hanzal; motion passed.

5. Review Water Stewards Applications & Select Participants

Reid summarized the review of the applications and said the ranking and scoring of the applications showed them all very close. There was consensus among the reviewers to fund all 4 applications, vs. the top two as previously discussed. Barten will notify the participants and ask them to pay the \$150.00 (10% of total fee) up front portion of the program fee as part of participation.

MOTION by Schneeman to approve funding for all four of the MN Water Stewards who applied for the 2021 program, second by Hanzal; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Hanzal; motion passed.

6. Presentation: Addressing Groundwater Concerns in the LMRWMO

Valerie Grover, the Dakota County Groundwater Unit Supervisor, presented on groundwater concerns in Dakota County and the LMRWMO. Meeting notes are below.

Water Quality

- Manganese is big concern in Inver Grove Heights. Water softeners do remove majority of Manganese, around 95% or 97% removal with softener. If Cities can provide water softening, this could help with reducing chloride levels and also removing manganese. IGH has highest number of wells in County. Chloride, highest levels near roads or SW ponds. Nitrate less of a concern, is correlated to AG, less intensive agriculture in WMO. Pesticide presence is correlated to nitrate concentrations.
- PFAS, comes from consumer products, may be in air and rainwater at this point.
- Geologically occurring arsenic, not much of an issue, is hit or miss where levels occur.
- How is data compiled, who holds data? Comes from County atlas from 80's, is missing some newer wells.
- Ordinance updated to make customers aware of potential pollutants through testing when the dig a well.
- Pharmaceuticals are another concern that is emerging and requires more information.
- Some naturally occurring contaminants, all you can do is testing and then treatment.
- MGS will be updating MN Geologic atlas and will have more information on surface/groundwater interaction.
- County will have renewed focus on northern communities well inventory and testing.
- Nitrate reduction effort, ACRE (Ag Chem Reduction Effort)

Water Quantity:

- There are areas of County which are expected to have a 50% drawdown of aquifers in next 20 years.
- County plan shows highest users in each community.
- May promote groundwater reuse through policies or programs. Promote irrigation limitations through policy, may be 30 to 50% increase in winter to summer, attributed largely to irrigation.

Vanney Asked to put the action items from Valerie's presentation into the minutes, those are shown in the below tables. Lencowski asked for copies of the presentation. Barten will post the presentations on the LMRWMO website under the meeting materials.

| Water Quality | |
|---|---|
| Strategy | WMO Involvement |
| 1B2 – Reduce contamination from turf and landscape maintenance | <ul style="list-style-type: none"> - Support landscape/turf maintenance training - Consider partnering with SWCD to support cost-share programs to promote conversion of turf grass to perennial vegetation, and Landscape for Clean Water projects |
| 1B4 – Prevent groundwater contamination from chloride | <ul style="list-style-type: none"> - Consider developing a local chloride reduction plan and policy in accordance with the MPCA Management Plans - Support Smart Salt Training Classes and other education and outreach efforts related to chloride reduction - Consider cost-share programs for replacement of outdated water softeners |

| Water Quantity | |
|---|--|
| Strategy | WMO Involvement |
| 2A2 - Promote Water Conservation | <ul style="list-style-type: none"> - Consider participating in a County-wide water supply/conservation initiative - Consider cost-share programs for water conservation programs and projects. |
| 2A3 – Support alternative water supplies | <ul style="list-style-type: none"> - Considering partnering with the County on cost-share programs for water reuse projects. |
| 2B2 - Protect, preserve, and restore resources that support groundwater-dependent ecosystems (wetlands, fens, trout streams) | <ul style="list-style-type: none"> - Consider updates to wetland protection and management plans, as needed. - Consider partnering with the County for wetland retention and restoration activities. |

| Education | |
|--|---|
| Strategy | WMO Involvement |
| 3A – Inform and educate general public | Help expand groundwater conservation and pollution prevention education and outreach efforts. |
| 3B – Provide training and education to targeted audiences | <ul style="list-style-type: none"> - Assist with development of K-12 education materials - Make existing WMO materials available as examples - Help promote County private well water testing programs - Support smart salt and turf management training events |

Emily Gable, a Water Resources Specialist with Dakota County, presented on septic system issues in Dakota County and the LMRWMO. Meeting notes are below.

Septic Systems:

- Dakota County requires compliance inspection for property transfer, timelines to fix failing systems, design standards. County implements program in areas of its jurisdictions. City or township jurisdiction must be as strict as County standards.
- Record keeping: County tracks systems through maintainers, construction records, property transfer requirements. Inver Grove Heights has most systems with over 1,500.
- Ways that WMO can be involved in Septic Systems is for the LMRWMO and Cities to help coordinate inventory creation with residents and help in public outreach for septic system related issues.

7. Updates and Handouts

7.1 Grant Tracking Update

Williams noted that more habitat and ecological restoration grant opportunities are on the docket. He noted the Laura Jane Musser Fund deadline coming up. Kaldunski asked for more information on that grant program.

7.2 Other Updates / Member City Updates

8. Agenda Items for Next Meeting: January 13th, 2021

9. Adjourn – 5:00 pm

Meeting adjourned by Chair Lencowski at 5:00 pm.



FINANCIAL SUMMARY
December 10, 2020 to January 13, 2021

| | | | |
|---|---|----------|---------------------|
| Beginning Balance - Key Community Bank | | | \$307,000.98 |
| Interest | 11/30/2020 November 2020 Interest | + | \$13.30 |
| | | + | |
| | | + | |
| | | | |
| Deposits | \$360.00 League of MN Cities 2020 insurance dividend | | |
| | 12/29/2020 \$150.00 Camille Morse MN Water Stewards Program and | + | |
| | \$150.00 Analiese Miller MN Water Stewards Program | \$660.00 | |
| | | + | |
| | | + | |

To be approved at this meeting:

Key Community Bank:

| | | | |
|-----------------|--|---|------------|
| Bank Fee | 11/30/2020 November 2020 Paper Statement | - | \$2.00 |
| 3709 | 1/13/2021 Campbell Knutson | - | \$34.00 |
| 3710 | 1/13/2021 Barr Engineering | - | \$742.00 |
| 3711 | 1/13/2021 Met Council | - | \$2,730.00 |
| | | - | |

Available Balance at Key Community Bank **\$304,166.28**

Gateway Bank Accounts:

| | | | |
|-----------------|----------------------------|----------------|---------------------------|
| <u>Savings</u> | | <u>Balance</u> | \$71,058.66 |
| Deposits | Interest 12/31/2020 | + | \$30.17 |
| | | - | |
| | <u>Ending Balance</u> | | <u>\$71,088.83</u> |
| | | | |
| <u>Checking</u> | | <u>Balance</u> | \$1,000.00 |
| | | - | |
| | <u>Ending Balance</u> | | <u>\$1,000.00</u> |

Available Balance at Gateway Bank **\$72,088.83**

Available Balance - Key Community & Gateway Banks **\$376,255.11**

4th Generation Plan Balance for 2020 **\$45,000.00**

*Balance includes dedicated funds to 4th Generation Watershed Plan

ED108 (1)
DEPOSIT TICKET

751688/960

LOWER MISSISSIPPI RIVER WMO
125 - 3RD AVENUE NORTH
SOUTH SAINT PAUL, MN 55075

KEY COMMUNITY BANK

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

Visit us at
www.keycommunitybank.com

DATE 12-29-2020

DEPOSITS MAY NOT BE AVAILABLE FOR IMMEDIATE WITHDRAWAL.

LIST CHECKS SINGLY OR ATTACH LIST

DOLLARS

CENTS

☐ CURRENCY

☐ COIN

CHECK I.D.

1852

360. —

1732

150. —

1549

150. —

☐

☐

☐

☐

☐

☐

☐

☐

☐

☐

FROM
OTHER
SIDE

\$

660. —

PLEASE ENTER TOTAL HERE

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

Check 185281 Date of check 12/1/2020

Vendor : 101298, Lower Mississippi River Watershed Management Organization

Invoice number Invoice date Payment amount

2020 PC Dividen 12/1/2020 360.00

Total

360.00



DIVIDEND ANNOUNCEMENT

December 2, 2020

Enclosed is a check for your share of the \$5.7 million dividend being returned to members of the League of Minnesota Cities Insurance Trust's property/casualty program. Also enclosed is your dividend history and an information sheet showing the data used to calculate your dividend. Your agent will also receive this information, and we encourage you to share it with your city council or other governing body.

Dividend Amount

This year's dividend is based on losses experienced by members, actuarial projections, investment results, legislative and coverage changes, reinsurance costs, and the Trust's long-term strategic direction. Reductions in actuarial projections on old property/casualty claims and unrealized capital gains in our investment portfolio helped build our fund balance. This, along with increasing our property and liability reinsurance retentions, allowed us to keep overall property/casualty premium rates flat this year. At the same time, we've been able to maintain a fund balance strong enough to hedge against the uncertainty associated with COVID-19, cyber, police liability, property, and other variables we expect to see from year to year.

Dividend Formula

Dividends are calculated based on a formula that recognizes members with a longer history of coverage with the Trust and greater success in avoiding and controlling claims. Your share was determined based on the calculations shown on the enclosed information sheet.

Thank you for your continued membership with the Trust. We appreciate your confidence and the chance to partner with you to serve your community. Feel free to contact either of the following individuals if you have any questions, comments, or need additional information.

Dan Greensweig, Trust Administrator
dgreensweig@lmc.org
(651) 281-1291

Laura Honeck, Trust Operations Manager
lhoneck@lmc.org
(651) 281-1280

The League of Minnesota Cities Insurance Trust Board of Trustees

Jake Benson, Councilmember, Proctor
Dave Callister, City Manager, Plymouth
Clint Gridley, City Administrator, Woodbury
Anna Gruber, City Administrator, Sartell

D. Love, Councilmember, Centerville
Dave Unmacht, Executive Director, LMC
Alison Zelms, Deputy City Manager, Mankato

LEAGUE OF MINNESOTA CITIES INSURANCE TRUST
PROPERTY/CASUALTY
2020 DIVIDEND CALCULATION
AT MAY 31, 2020

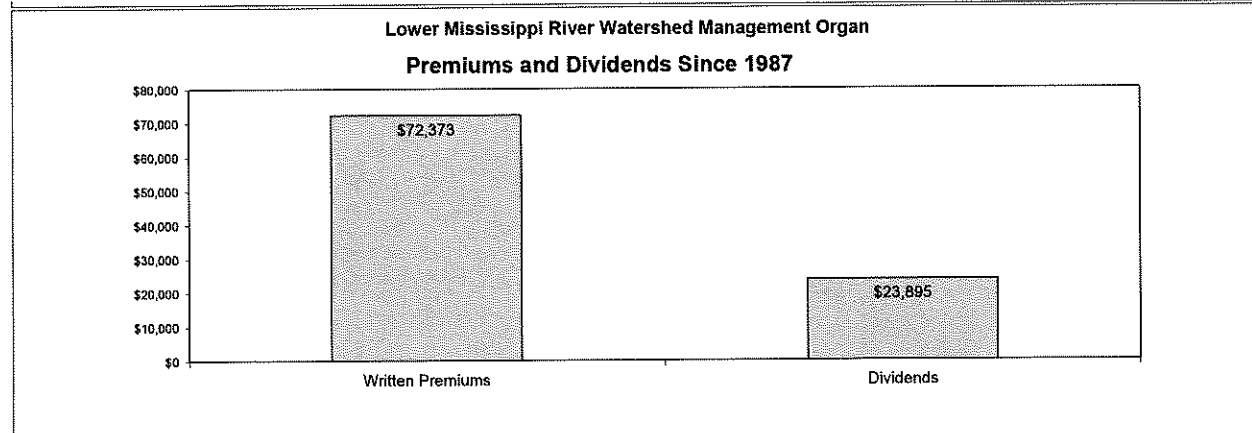
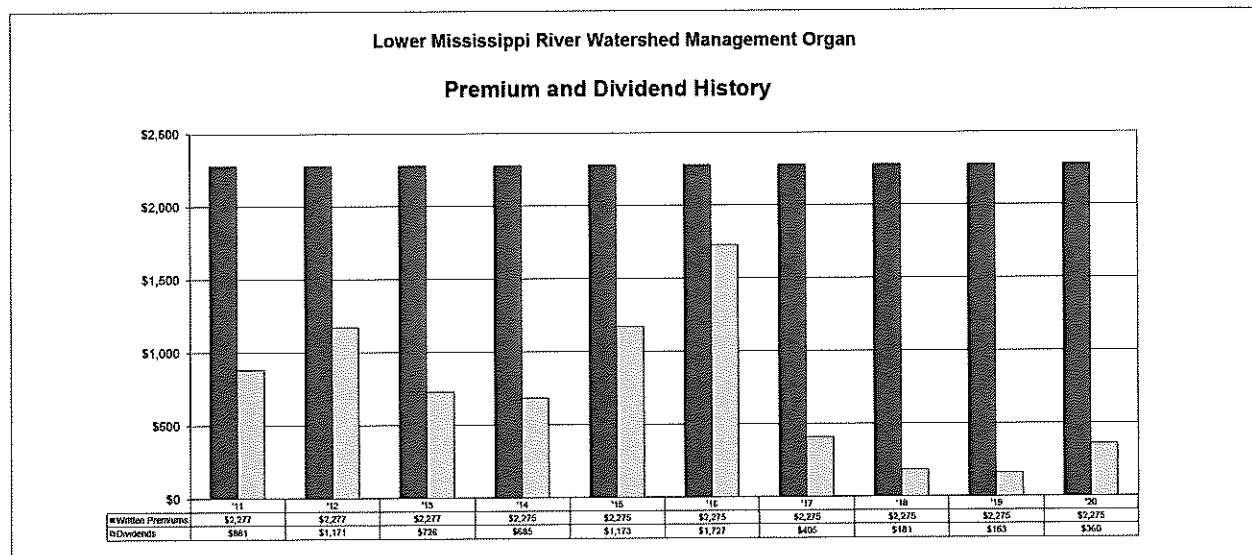
First National Insurance

Po Box 130

Farmington MN 55024-0130

Lower Mississippi River Watershed Management Organ
C/O Dakota County SWCD 4100 22
Farmington, MN 55024-7080

GROSS EARNED PREMIUM \$44,740
ADJUSTED LOSSES \$0
MEMBERS DIVIDEND PERCENTAGE 0.00006321000
DIVIDEND AMOUNT \$360



The "gross earned premium" figure is the member's total earned premiums as of May 31, 2020 for the past 20 years. This is the premium figure that's used in the dividend calculation.
The "2020 written premium" figure is the member's total premium for the member's most recent renewal prior to May 31, 2020 (for most members, only a portion of that 2020 written premium would be earned as of May 31, 2020).



MEMORANDUM

To: Nancy Bauer
From: Joe Barten, LMRWMO Administrator
Subject: Lower Mississippi River - Financial Actions
Date: December 22, 2020

Enclosed please find the following checks for deposit into the LMRWMO:

- \$150.00 check from Camille Morse Nicholson for the Minnesota Water Stewards Program participation. # 730
- \$150.00 check from Analiese Miller for the Minnesota Water Stewards Program participation. # 1549

Thank you and please contact me with any questions.

Joe Barten
Administrator, Lower Mississippi River Watershed Management Organization

Enclosed: Checks and agreements for MWS as described

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
November 30, 2020
Account # 601-0000G
70

RE: GENERAL SERVICES
RENDERED TO DATE:

| | | | HOURS | |
|------------|-----|----------------------------------|-------|----------------|
| 11/09/2020 | JJJ | Emails Joe, review Board agenda. | 0.20 | 34.00 |
| | | AMOUNT DUE | 0.20 | 34.00 |
| | | TOTAL CURRENT WORK | | 34.00 |
| | | PREVIOUS BALANCE | | \$51.00 |
| 08/25/2020 | | Payment - thank you | | -51.00 |
| | | TOTAL AMOUNT DUE | | <u>\$34.00</u> |

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



INVOICE

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

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

December 23, 2020
Invoice No: 23190078.00 - 233

| | |
|---------------------------|-----------------|
| Total this Invoice | \$742.00 |
|---------------------------|-----------------|

Regarding: Watershed Management Organization

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

- Preparing presentation materials for November 12, 2020 Board meeting
- Attending and presenting at November 12, 2020 Board meeting
- Communicating with LMRWMO Administrator and project management

Professional Services from October 31, 2020 to November 27, 2020

| | | | | |
|---------------------------------------|------|---------------------------|--------------------|----------|
| Job | 2020 | 2020 Engineering Services | | |
| Task | 001 | Board Meetings | | |
| Labor Charges | | | | |
| | | Hours | Rate | Amount |
| Engineer / Scientist / Specialist III | | | | |
| Williams, Sterling | | 5.00 | 145.00 | 725.00 |
| | | 5.00 | | 725.00 |
| Subtotal Labor | | | | 725.00 |
| | | | Task Subtotal | \$725.00 |
| Task | 002 | Technical Assistance | | |
| Labor Charges | | | | |
| | | Hours | Rate | Amount |
| Principal | | | | |
| Kieffer, Janna | | .10 | 170.00 | 17.00 |
| | | .10 | | 17.00 |
| Subtotal Labor | | | | 17.00 |
| | | | Task Subtotal | \$17.00 |
| | | | Job Subtotal | \$742.00 |
| | | | Total this Invoice | \$742.00 |

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

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

Authorized By:

Janna Kieffer

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.

Billing Backup

Wednesday, December 23, 2020

Barr Engineering Co. Invoice 233 Dated 12/23/2020 12:36:15 PM

| | | |
|------|------|---------------------------|
| Job | 2020 | 2020 Engineering Services |
| Task | 001 | Board Meetings |

Labor Charges

| | | | Hours | Rate | Amount |
|---------------------------------------|--|------------|-------|--------|-----------------|
| Engineer / Scientist / Specialist III | | | | | |
| Engineer / Scientist / Specialist III | | | | | |
| SGW | 3 - Williams, Sterling | 11/6/2020 | .50 | 145.00 | 72.50 |
| | prep for 11/12 mtg | | | | |
| SGW | 3 - Williams, Sterling | 11/10/2020 | 2.00 | 145.00 | 290.00 |
| | Prep materials for board meeting | | | | |
| SGW | 3 - Williams, Sterling | 11/12/2020 | 2.50 | 145.00 | 362.50 |
| | prep for, present and attend Board meeting | | | | |
| | | | 5.00 | | 725.00 |
| Subtotal Labor | | | | | 725.00 |
| | | | | | |
| Task Subtotal | | | | | \$725.00 |

| | | |
|------|-----|----------------------|
| Task | 002 | Technical Assistance |
|------|-----|----------------------|

Labor Charges

| | | | Hours | Rate | Amount |
|---------------------------|--------------------|-----------|-------|--------|-----------------|
| Principal | | | | | |
| Principal | | | | | |
| JMK2 | 1 - Kieffer, Janna | 11/3/2020 | .10 | 170.00 | 17.00 |
| | invoice review | | | | |
| | | | .10 | | 17.00 |
| Subtotal Labor | | | | | 17.00 |
| | | | | | |
| Task Subtotal | | | | | \$17.00 |
| Job Subtotal | | | | | \$742.00 |
| Total this Project | | | | | \$742.00 |
| Total this Report | | | | | \$742.00 |

**INVOICE**

Invoice No:
Invoice Date:
Page:

0001118043
12/21/20
1 of 1

Please Remit To:

Metropolitan Council
Environmental Services
PO Box 856513
Minneapolis MN 55485-6513
United States

Customer Number:

7163C

Payment Terms:

Due 30 dys

Due Date:

1/20/21

Bill To:

LOWER MISSISSIPPI RIVER WMO-DAKOTA CO
JOE BARTEN
4100 220th St W, #102
Farmington MN 55024
United States

AMOUNT DUE:

\$ 2,730.00 USD

Amount Remitted

For account questions: metcar@metc.state.mn.us

| Line | Identifier | Description | Quantity | UOM | Unit Amt | Original |
|------|------------|----------------------------|----------|-----|----------|------------|
| | | | | | | Net Amount |
| 1 | CAMP | Citizen-Assist-Monitor-Prj | 1.00 | EA | 2,730.00 | 2,730.00 |

2 kit(s) at \$225 each. Quantity of lake sites: 1 at \$760 each. 4 at \$380 each.

Subtotal:

2,730.00

Contract: 20R014

2 kit(s) at \$225 each. Quantity of lake sites: 1 at \$760 each. 4 at \$380 each.
2020 Citizen-Assisted Monitoring Program

For questions about this bill, please contact Brian Johnson at 651-602-8743 or Brian.Johnson@metc.state.mn.us.

ANY UNPAID BALANCE OVER 30 DAYS FROM DATE OF INVOICE WILL BE SUBJECT TO A FINANCE CHARGE AT THE RATE OF 1.5% PER MONTH (18% PER YEAR)

Amount Due:

\$ 2,730.00

| LMRWMO 2020 Financial Summary | | | | | | | | | | | | Actual Revenues | | | | | | | | | | | |
|--|--------------|--------------------------|---------------------|----------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|---------------------|---------------------------|-----------------|--------------|-------------------|--|--|--|--|--|--|--|--|--|
| ESTIMATED REVENUES AND ASSETS | Budget | Dec 12 2019 - Jan 8 2020 | Jan 9 - Feb 12 2020 | Feb 13 - Mar 11 2020 | Mar 12 - May 13 2020 | May 14 - June 10 2020 | June 11 - Aug 12 2020 | Aug 13 - Sept 9 2020 | Sept 10 - Nov 12 2020 | Nov 13 - Dec 9 2020 | Dec 10 2020 - Jan 13 2021 | | Total | Variance | | | | | | | | | |
| Use of Fund Balance | \$34,750 | | | | | | | | | | | | \$0.00 | \$34,750.00 | | | | | | | | | |
| Dues from Members | \$110,224 | | | | \$96,062.24 | \$14,162.11 | | | | | | | \$110,224.35 | (\$0.35) | | | | | | | | | |
| Interest | \$500 | \$81.25 | \$84.89 | \$100.56 | \$100.08 | \$48.48 | \$73.45 | \$44.46 | \$99.72 | \$29.19 | \$43.47 | | \$705.55 | (\$205.55) | | | | | | | | | |
| Other/Grant Match | \$0 | | | | | | | | | | \$300.00 | | \$300.00 | (\$300.00) | | | | | | | | | |
| LMCIT Rebate | \$500 | \$163.00 | | | | | | | | | \$360.00 | | \$523.00 | (\$23.00) | | | | | | | | | |
| Other Grants | \$0.00 | \$150,000.00 | | | | | | | | | | | \$150,000.00 | (\$150,000.00) | | | | | | | | | |
| BWSR FY16-18 CWF & FY19 WBF Grants ² | \$250,000.00 | | | | | | | | \$19,600.00 | | | | \$19,600.00 | \$230,400.00 | | | | | | | | | |
| TOTAL | \$395,974.00 | \$150,244.25 | \$84.89 | \$100.56 | \$96,162.32 | \$14,210.59 | \$73.45 | \$44.46 | \$19,699.72 | \$29.19 | \$703.47 | | \$261,752.90 | | | | | | | | | | |
| Actual Expenses | | | | | | | | | | | | | | | | | | | | | | | |
| ESTIMATED EXPENSES AND LIABILITIES | Budget | Dec 12 2019 - Jan 8 2020 | Jan 9 - Feb 12 2020 | Feb 13 - Mar 11 2020 | Mar 12 - May 13 2020 | May 14 - June 10 2020 | June 11 - Aug 12 2020 | Aug 13 - Sept 9 2020 | Sept 10 - Nov 12 2020 | Nov 13 - Dec 9 2020 | Dec 10 2020 - Jan 13 2021 | | Total | Balance Remaining | | | | | | | | | |
| Engineering/Technical Assistance | | | | | | | | | | | | | | | | | | | | | | | |
| Technical Assistance | \$5,500.00 | \$317.00 | \$817.00 | \$34.00 | \$2,972.00 | \$2,140.00 | \$45.50 | \$274.00 | \$225.50 | \$64.50 | \$17.00 | | \$6,906.50 | (\$1,406.50) | | | | | | | | | |
| Meetings | \$6,000.00 | \$675.40 | \$523.00 | \$507.50 | \$1,308.50 | \$76.00 | \$580.00 | \$652.50 | \$870.00 | \$246.50 | \$725.00 | | \$6,164.40 | (\$164.40) | | | | | | | | | |
| Plan Reviews | \$0.00 | | | | | | | | | | | | \$0.00 | \$0.00 | | | | | | | | | |
| Watershed Plan Amendment | \$40,000.00 | | | | \$2,491.50 | | \$1,576.00 | \$4,823.50 | \$719.50 | \$217.50 | | | \$9,828.00 | \$30,172.00 | | | | | | | | | |
| 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 | | | | \$12,000.00 | \$3,000.00 | | | | | | | | | |
| Water Monitoring | \$6,500.00 | \$330.00 | \$924.00 | | \$480.00 | | \$2,120.00 | | \$240.00 | | \$2,730.00 | | \$6,824.00 | (\$324.00) | | | | | | | | | |
| Seidl's Lake Grant | \$0.00 | \$150,000.00 | | | | | | | | | | | \$150,000.00 | (\$150,000.00) | | | | | | | | | |
| Education | | | | | | | | | | | | | | | | | | | | | | | |
| Landscaping for Clean Water | \$6,400.00 | | | | \$1,600.00 | | \$4,800.00 | | | | | | \$6,400.00 | \$0.00 | | | | | | | | | |
| Master Water Stewards Program | \$8,500.00 | \$500.00 | \$1,600.00 | | \$6,400.00 | | \$262.40 | | \$480.00 | | | | \$9,242.40 | (\$742.40) | | | | | | | | | |
| 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. | \$1,200.00 | | | | | | | | | | | | \$0.00 | \$1,200.00 | | | | | | | | | |
| General Education Requests | \$1,000.00 | | | | \$200.00 | | | | | | | | \$200.00 | \$800.00 | | | | | | | | | |
| Metro Watershed Partners Membership | \$1,000.00 | | | \$1,000.00 | | | | | | | | | \$1,000.00 | \$0.00 | | | | | | | | | |
| Board Tour / Boat Tour | \$4,000.00 | | | | | | | | | | | | \$0.00 | \$4,000.00 | | | | | | | | | |
| Website Maint. | \$1,700.00 | | \$385.00 | | \$545.00 | | \$225.00 | | \$105.00 | | | | \$1,260.00 | \$440.00 | | | | | | | | | |
| CAC Coordination | \$1,120.00 | | | | | | | | | | | | \$0.00 | \$1,120.00 | | | | | | | | | |
| Board Education | \$1,500.00 | | | | | | | | | | | | \$0.00 | \$1,500.00 | | | | | | | | | |
| Administration | | | | | | | | | | | | | | | | | | | | | | | |
| General Administration | \$30,000 | \$2.00 | \$5,459.10 | \$4.00 | \$9,854.00 | \$2.00 | \$9,012.00 | \$2.00 | \$6,216.00 | | \$2.00 | | \$30,553.10 | (\$553.10) | | | | | | | | | |
| Accounting Services | \$1,400 | | | | | | | | | | | | \$0.00 | \$1,400.00 | | | | | | | | | |
| Insurance | \$2,500 | | | | | | \$2,275.00 | | | | | | \$2,275.00 | \$225.00 | | | | | | | | | |
| Attorney and Audit | \$4,500 | \$255.00 | | \$85.00 | \$102.00 | | \$4,051.00 | | | | \$34.00 | | \$4,527.00 | (\$27.00) | | | | | | | | | |
| BWSR FY16-19 CWF & WBF Grants ³ | \$550,000.00 | \$0.00 | \$487.50 | \$0.00 | \$78,317.35 | \$0.00 | \$2,000.22 | \$0.00 | \$2,302.14 | \$0.00 | \$0.00 | | \$83,107.21 | \$466,892.79 | | | | | | | | | |
| Subtotal Operating Costs Only | \$140,920.00 | \$2,079.40 | \$15,708.10 | \$1,630.50 | \$25,953.00 | \$2,218.00 | \$24,946.90 | \$5,752.00 | \$14,856.00 | \$528.50 | \$3,508.00 | | \$97,180.40 | | | | | | | | | | |
| TOTAL | \$831,840.00 | \$152,079.40 | \$16,195.60 | \$1,630.50 | \$104,270.35 | \$2,218.00 | \$26,947.12 | \$5,752.00 | \$17,158.14 | \$528.50 | \$3,508.00 | | \$330,287.61 | | | | | | | | | | |
| Overall Fund Balance | | \$423,354.67 | \$407,243.96 | \$405,714.02 | \$397,605.99 | \$409,598.58 | \$382,724.91 | \$377,017.37 | \$379,558.95 | \$379,059.64 | \$376,255.11 | | | | | | | | | | | | |
| Total Clean Water Fund Grant Balance | | \$276,463.72 | \$275,976.22 | \$275,976.22 | \$197,658.87 | \$197,658.87 | \$195,658.65 | \$195,658.65 | \$212,956.51 | \$212,956.51 | \$212,956.51 | | | | | | | | | | | | |
| LMRWMO Operating Fund Balance | | \$146,890.95 | \$131,267.74 | \$129,737.80 | \$199,947.12 | \$211,939.71 | \$187,066.26 | \$181,358.72 | \$166,602.44 | \$166,103.13 | \$163,298.60 | | | | | | | | | | | | |
| Unencumbered Operating Fund Balance ¹ | | \$101,890.95 | \$86,267.74 | \$84,737.80 | \$154,947.12 | \$166,939.71 | \$142,066.26 | \$136,358.72 | \$121,602.44 | \$121,103.13 | \$118,298.60 | | | | | | | | | | | | |

2020 Budget Notes:

1. \$45,000 total set aside in 2020 for Watershed Management Plan
2. Includes final payment for Alum Treatment grant and 40% payment for Thompson Lake grant
3. Budget is an estimate and will vary depending on grant project progress.

| LMRWMO 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 | Feb 13 - Mar 11 2020 | Mar 12 - May 13 2020 | May 14 - June 10 2020 | June 11 - Aug 12 2020 | Aug 13 - Sept 9 2020 | Sept 10 - Dec 9 2020 | Dec 10 2020 - Jan 13 2021 | Total | Variance |
| BWSR FY16-18 CWF Grant Payment - Thomas | \$576,000.00 | \$288,000.00 | | | | | | | | | | | | | \$288,000.00 | (\$288,000.00) |
| BWSR FY16-18 CWF Grant Payments - Alum | \$196,000.00 | \$98,000.00 | | | | | | | | | | | \$19,600.00 | | \$196,000.00 | \$0.00 |
| BWSR FY18 CWF Grant Payments - Cherokee | \$700,000.00 | | | \$350,000.00 | \$280,000.00 | | | | | | | | | | \$630,000.00 | (\$70,000.00) |
| *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 Funding | \$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 | \$0.00 | \$0.00 | \$0.00 | \$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 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$19,600.00 | \$0.00 | ##### | (\$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 | Feb 13 - Mar 11 2020 | Mar 12 - May 13 2020 | May 14 - June 10 2020 | June 11 - Aug 12 2020 | Aug 13 - Sept 9 2020 | Sept 10 - Dec 9 2020 | Dec 10 2020 - Jan 13 2021 | Total | Balance Remaining |
| Internal Phosphorus - Augusta & Sunfish | | | | | | | | | | | | | | | | |
| Grant Administration | \$8,000.00 | | \$3,900.00 | \$2,062.50 | \$2,834.35 | | | | | | | | | | \$8,796.85 | (\$796.85) |
| 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 Particip | \$2,500.00 | | \$2,475.00 | | | | | | | | | | | | \$2,475.00 | \$25.00 |
| Lk Augusta Alum Dosing | \$20,000.00 | | \$19,856.75 | | | | | | | | | | | | \$24,842.75 | (\$4,842.75) |
| Lk Augusta Alum Application | \$55,000.00 | | \$55,000.00 | \$3,161.90 | \$1,624.10 | | | | | | | | | | \$63,800.00 | \$8,800.00 |
| Lk Augusta Alum Application Mast | \$24,500.00 | | \$37,493.70 | | | | | | | | | | | | \$37,493.70 | (\$12,993.70) |
| Lk Augusta Shoreline/Inlet Engne | \$0.00 | | | | | | | | | | | | | | | |
| Lake Augusta Shoreline / Inlet As | \$7,000.00 | | | | | | | | | | | | | | \$0.00 | \$7,000.00 |
| Sunfish Lake Alum Treatment | | | | | | | | | | | | | | | | |
| Sunfish Lake Stakeholder Particip | \$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 M | \$24,500.00 | | \$27,000.10 | | | | | | | | | | | | \$27,000.10 | (\$2,500.10) |
| Sunfish Lake Rainbarrel Program | \$6,000.00 | | \$6,000.00 | \$487.50 | | | | | | | | | | | \$6,487.50 | (\$487.50) |
| Sunfish Lake Shoreline Survey | \$500.00 | | \$412.50 | | | | | | | | | | | | \$412.50 | \$87.50 |
| Thompson Lake Stormwater Improvements | | | | | | | | | | | | | | | | |
| Grant Administration | \$15,000.00 | | \$1,912.50 | \$2,437.50 | \$3,256.48 | | | | \$865.32 | | | | \$188.20 | | \$8,660.50 | \$6,339.50 |
| Project Development | \$15,000.00 | \$1,077.50 | \$4,347.50 | \$8,737.50 | \$5,983.64 | | \$112.50 | | | | | | \$1,094.46 | | \$22,636.26 | (\$7,636.26) |
| Education and Outreach | \$18,000.00 | | | \$2,375.00 | \$18,072.64 | | | | \$315.23 | | | | \$415.14 | | \$21,178.01 | (\$3,178.01) |
| Engineering, Design, Permitting | \$140,000.00 | | \$1,060.00 | \$44,409.65 | \$56,869.10 | | | | \$3,090.26 | | | | | | \$106,329.02 | \$33,670.98 |
| Forebay, Wetland, & Pond Install | \$344,000.00 | | | | \$72,719.65 | | | | \$71,912.11 | | | | | | \$144,631.75 | \$199,368.25 |
| Match | \$144,000.00 | | | \$11,102.41 | \$63,382.60 | | | | | | | | | | \$74,485.01 | \$69,514.99 |
| Water Reuse Irrigation System | \$44,000.00 | | | | | | | | | | | | | | \$0.00 | \$44,000.00 |
| Cherokee Heights Stormwater | | | | | | | | | | | | | | | | |
| Grant Administration | \$12,000.00 | | | \$520.00 | \$5,014.73 | | | | \$1,550.37 | | | | \$301.92 | | \$7,462.50 | \$4,537.50 |
| Project Development | \$10,000.00 | | | \$5,240.00 | \$5,543.36 | | \$375.00 | | \$252.39 | | | | | | \$11,901.37 | (\$1,901.37) |
| Rainbarrel Program | \$15,000.00 | | | \$840.00 | \$11,183.91 | | | | | | | | | | \$12,003.91 | \$2,996.09 |
| Basins Stabilization | \$225,000.00 | | | | \$187,519.48 | | | | | | | | | | \$187,519.48 | \$87,480.72 |
| Basins Stabilization Match | \$210,000.00 | | | | \$87,996.18 | | | | | | | | | | \$87,996.18 | \$152,003.82 |
| Engineering, Design | \$137,000.00 | | | | \$90,323.45 | | | | | | | | | | \$90,323.45 | \$46,676.55 |
| Stormwater BMP Construction | \$211,000.00 | | | | \$137,011.46 | | | | | | | | | | \$137,011.46 | \$73,988.54 |
| Match | \$170,000.00 | | | | \$117,003.82 | | | | | | | | | | \$117,003.82 | \$52,996.18 |
| Design | \$40,000.00 | | | | \$25,448.93 | | | | | | | | | | \$25,448.93 | \$14,551.07 |
| FY 2019 Watershed Based Funding | | | | | | | | | | | | | | | | |
| Grant Administration | \$8,000.00 | | | | \$37.35 | | | | \$43.23 | | | | | | \$80.58 | \$7,919.42 |
| Implementation | \$36,000.00 | | | | \$914.60 | | | | | | | | | | \$914.60 | \$35,085.40 |
| Education Program Project Dev. | \$4,670.00 | | | | \$87.41 | | | | \$144.22 | | | | | | \$231.63 | \$4,438.37 |
| Match | \$4,670.00 | | | | | | | | | | | | | | \$0.00 | \$4,670.00 |
| Dev. | \$4,000.00 | | | | \$74.69 | | | | | | | | | | \$74.69 | \$3,925.31 |
| Interstate Valley Creek Study | \$44,000.00 | | | | | | | | | | | | | | \$0.00 | \$44,000.00 |
| Match | \$25,000.00 | | | | | | | | | | | | | | \$0.00 | \$25,000.00 |
| Development | \$4,000.00 | | | | \$373.45 | | | | \$144.22 | | | | \$301.92 | | \$970.55 | \$3,029.45 |
| Lake Augusta Study | \$44,000.00 | | | | | | | | | | | | | | \$0.00 | \$44,000.00 |
| Lake Augusta Study Match | \$30,000.00 | | | | | | | | | | | | | | \$0.00 | \$30,000.00 |
| TOTAL GRANT EXPENSE | \$1,616,670.00 | \$10,086.31 | \$184,091.92 | \$70,759.05 | \$625,334.00 | \$0.00 | \$487.50 | \$0.00 | \$78,317.35 | \$0.00 | \$2,009.22 | \$0.00 | \$2,302.14 | \$0.00 | \$973,378.49 | \$643,291.51 |
| TOTAL MATCH EXPENSE | \$632,670.00 | \$0.00 | \$64,493.80 | \$11,102.41 | \$238,382.60 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$313,978.81 | \$318,691.13 |
| LMRWMO GRANT FUND BALANCE | | \$375,913.69 | \$191,821.78 | \$471,062.73 | \$276,463.72 | \$276,463.72 | \$275,976.22 | \$275,976.22 | \$197,658.87 | \$197,658.87 | \$195,658.65 | \$195,658.65 | \$212,956.51 | \$212,956.51 | | |

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

| Summary | Elink Verification |
|--|--------------------|
| 2-1-20 | |
| Internal Phosphorus - Augusta & Sunfish | |
| \$196,000.00 Total Grant | |
| \$64,493.80 Match | |
| \$196,000.00 Spent | \$196,000.00 |
| \$0.00 Balance | 100.00% |
| \$196,000.00 Funds Received 100% | |
| \$0.00 Funds on Hand | |
| Thompson Lake Stormwater Improvements | |
| \$576,000.00 Total Grant | |
| \$303,435.54 Spent | 52.68% |
| \$74,485.01 Match | |
| \$342,079.45 Balance | |
| \$288,000.00 Funds Received 50% | |
| -\$15,435.54 Funds on Hand | |
| Cherokee Heights Stormwater | |
| \$700,000.00 Total Grant | |
| \$471,670.90 Spent | 67.38% |
| \$175,000.00 Match | |
| \$433,329.10 Balance | |
| \$630,000.00 Funds Received 90% | |
| \$158,329.10 Funds on Hand | |
| FY 2019 Watershed Based Funding | |
| \$144,670.00 Total Grant | |
| \$2,272.05 Spent | 1.57% |
| \$0.00 Match | |
| \$142,397.95 Balance | |
| \$72,335.00 Funds Received 50% | |
| \$70,062.95 Funds on Hand | \$562,300.91 |

**MAINTENANCE AGREEMENT
THOMPSON LAKE RESTORATION PROJECT**

THIS MAINTENANCE AGREEMENT (“Agreement”) made and entered into this _____ day of _____, 2021, by and between **Dakota County** (“County”), the **City of West St. Paul** (“City”) and the **Lower Mississippi River Watershed Management Organization** (“LMRWMO”), collectively referred to as “the Parties”.

RECITALS

WHEREAS, the Parties entered into a Joint Powers Agreement (“JPA”) dated _____, 2016, attached as Exhibit A, for a multi-phase restoration project (the “Project”) for Thompson Lake and its surrounding drainage area to install stormwater best management practices; and

WHEREAS, as specified in the JPA, the City and County (collectively the “Owners”), as Owners of the property and stormwater best management practices installed or improved as part of the Project have agreed to be responsible for all costs associated with the long term maintenance of the property, facilities and improvements for no less than a period of twenty-five (25) years from the execution of this agreement; and

WHEREAS, the Parties agree that such provisions are to be set forth in an agreement by and between the Parties.

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants contained herein, and the following terms and conditions, the Parties hereto agree as follows:

1. The Owners shall conduct the inspections and perform any maintenance required to keep the facilities and improvements in good repair and functioning as designed and constructed, as specified in the attached Operation and Maintenance Plans as Exhibits B and C. See Exhibits B and C for the locations of individual Stormwater Best Management Practices (BMPs).
2. The Owners shall submit to the LMRWMO an annual report by December 31st each year. The report shall include the Operations and Maintenance Plan that documents the inspection schedule, times of inspection, remedial actions taken to repair, modify or reconstruct the system, the state of control measures and notification of any planned change in responsibility for the system. Attached as Exhibit B are forms to be used during regular maintenance of the facilities and provided to the LMRWMO as part of the annual report.
3. The Owners hereby grant to the LMRWMO or its agent or contractor the right of entry at reasonable times and in a reasonable manner for the purpose of inspecting, operating, installing, constructing, reconstructing, maintaining or repairing the facilities should the Owners fail to fulfill their obligations under this Agreement.

4. If, upon inspection, the LMRWMO finds that Owners have failed to properly maintain the facilities, the LMRWMO may order the work performed within ninety (90) days. In the event the work is not performed within the specified time, the LMRWMO may, without further notice enter the property and take whatever steps it deems necessary to maintain the stormwater control facilities. This provision shall not be construed to allow the LMRWMO to erect any structure of a permanent nature on the land of the Owners without first obtaining written approval of the Owners.
5. The LMRWMO is under no obligation to maintain or repair said facilities, and in no event shall this Agreement be construed to impose any such obligation on the LMRWMO. The Owners shall reimburse the LMRWMO, upon demand, for the costs incurred in the maintenance or repair of the facilities.
6. If the Owners fail to pay the LMRWMO for the above expenses after one hundred and twenty (120) days written notice, the Owners authorize the LMRWMO to collect said expenses from the Owners through appropriate legal action and the Owners shall be liable for the reasonable expenses of collection, court costs, and attorney fees.
7. Each party will be responsible for its own acts and behavior and the results thereof and shall not be responsible or liable for the other Parties' actions and consequences of those actions. The Minnesota Tort Claims Act, Minn. Stat. § 3.736 and other applicable laws govern the Parties' liability. The Minnesota Municipal Tort Claims Act, Minn. Stat. Ch. 466, governs the Parties' liability. Nothing in this Agreement is intended to waive or limit the provision of the Tort Claims Acts, Minn. Stat. §3.736, or Minn. Stat. ch. 466, or any other law, legislative or judicial, which limits government liability. For purposes of determining total liability for damages, the participating governmental units are considered to be a single governmental unit, the total liability of which shall not exceed the limits for a single governmental unit as provided in Minn. Statutes, Section 466.04, Subd. 1.
8. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same Maintenance Agreement.

Each Party shall execute three original Agreements so that each Party may have a fully executed document for its records. This Agreement shall be binding upon the Owners and the Owners' administrators, executors, assigns and any other successors in interest.

CITY OF WEST ST PAUL

By: _____

Date: _____

Title: _____

Each Party shall execute three original Agreements so that each Party may have a fully executed document for its records. This Agreement shall be binding upon the Owners and the Owners' administrators, executors, assigns and any other successors in interest.

DAKOTA COUNTY

By: _____

Date: _____

Title: _____

Each Party shall execute three original Agreements so that each Party may have a fully executed document for its records. This Agreement shall be binding upon the Owners and the Owners' administrators, executors, assigns and any other successors in interest.

**LOWER MISSISSIPPI RIVER WATERSHED
MANAGEMENT ORGANIZATION**

By: _____

Date: _____

Title: _____

**EXHIBIT A
TO
MAINTENANCE AGREEMENT
THOMPSON LAKE RESTORATION PROJECT**

Insert executed JPA for project implementation.

**EXHIBIT B
TO
MAINTENANCE AGREEMENT**

**OPERATION AND MAINTENANCE PLAN
OUTLINING THE CITY OF WEST ST. PAUL
STORMWATER BMP RESPONSIBILITIES
FOR THE
THOMPSON LAKE RESTORATION PROJECT**

Responsible Party: Lower Mississippi River Watershed Management Organization (LMRWMO) - Grant recipient responsible for ensuring that project is maintained per the grant requirements.

Responsible Party: City of West St. Paul – Landowner responsible for performing all maintenance activity and reporting to the LMRWMO as outlined in Exhibit B.

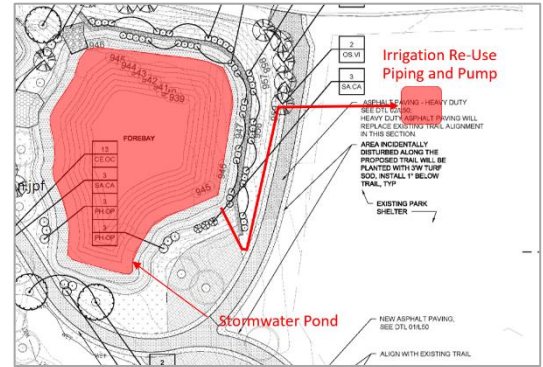
Project Location: Thompson County Park (360 Butler Ave E, West St Paul, MN 55118)

Inspections and maintenance are required to achieve the intended function, benefits, and life of the installed stormwater management best management practices (BMPs). This ensures that the investment of public funds is continually providing the intended water quality benefits. The Owner (City of West St. Paul) is responsible to establish and implement an inspection and maintenance program. Items to inspect and maintain include, but are not limited to, the following. Specific inspection and maintenance requirements for the BMPs installed as part of the project are included as well.

GENERAL REQUIREMENTS

1. The Owner will maintain the project in an “as built” condition.
2. The Owner will report any observed active erosion, land disturbances, large scale planned maintenance or other unusual conditions that may affect the intended performance of the practice to the LMRWMO.
3. The Owner will perform both preventative and reactive maintenance on this project per this operation and maintenance plan.
4. The Owner will provide the LMRWMO with an annual report of inspections performed and maintenance concerns addressed per this inspection and maintenance plan.
5. The Owner will replace any related stormwater management infrastructure (pipe conveyance) necessary for the system to function as intended as soon as issues arise.

THOMPSON LAKE RESTORATION STORMWATER POND INSPECTION & MAINTENACE FORM



SPECIFIC REQUIREMENTS FOR THIS PROJECT:

1. Pond inlet and outlet to be inspected annually.
2. Promptly repair or replace damaged storm sewer pipe and riprap components.
3. Promptly repair any new undercutting of side slopes or major erosion in project area.
4. Measure sediment levels in forebay every three years, beginning in year 4 post installation (2022). Sediment accumulation shall be measured at a minimum in a 20' grid throughout the basin. Sediment shall be removed via dredging after 50% of the permanent pool capacity has been lost.

Note: Ponds should not be drained during the spring, as temperature stratification and high chloride concentrations at the bottom can occur, which could result in negative downstream effects.

Care should be exercised while draining the pond to prevent rapid release and minimize the discharge of sediments or anoxic water. The approving jurisdiction should be notified before draining a pond.

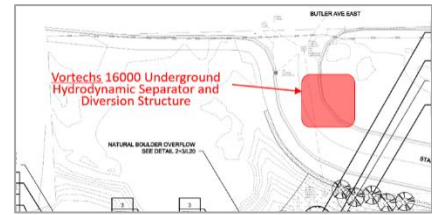
Inspector Name: _____

Inspection Date: _____

Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

THOMPSON LAKE RESTORATION HYDRODYNAMIC SEPARATOR (VORTECHS 16000) INSPECTION & MAINTENANCE FORM



SPECIFIC REQUIREMENTS FOR VORTECHS 16000:

1. Inspect systems twice a year (spring and fall) at a minimum. Inspection to include visual verification of working order of system (both diversion chamber and Vortechs chamber), measurement of sediment accumulation, and removal of sediment if necessary.

Vortechs 16000 Sediment Measurement Process:

- The Vortechs system should be cleaned when inspection reveals that the sediment depth has accumulated to within 12 to 18 inches of the dry-weather water surface elevation. This determination can be made by taking two measurements with a stadia rod or similar measuring device; one measurement from the manhole opening to the top of the sediment pile and the other from the manhole opening to the water surface.

Note: To avoid underestimating the volume of sediment in the chamber, the measuring device must be carefully lowered to the top of the sediment pile. Finer, silty particles at the top of the pile typically offer less resistance to the end of the rod than larger particles toward the bottom of the pile.

Vortechs 1600 Cleaning Process:

- Cleaning should be done only during dry weather via vacuum truck. Photos shall be taken to document the process before and after removal of sediment to verify full removal of all material. Confined space entry procedures need to be followed if physical access is required.
- As water is evacuated, the water level outside of the swirl chamber will drop to a level roughly equal to the crest of the lower aperture of the swirl chamber. Floating pollutants will decant into the swirl chamber as the water level is drawn down. This allows most floating material to be withdrawn from the same access point above the swirl chamber. Floating material that does not decant into the swirl chamber during draw down should be skimmed from the baffle chamber. Ensure all trash and debris are removed from the system outside the swirl chamber. Confined space entry and traffic safety procedures must be followed.

Distance from Manhole Rim to Dry Weather Water Surface Elevation: _____

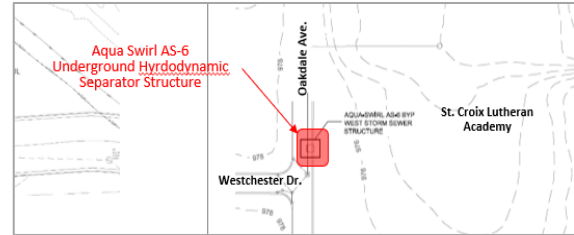
Vortechs 16000 Inspection Tool List: Flashlight, Measuring device, camera with flash

| Date | Water Depth to Sediment | Floatable Layer Thickness | Maintenance Recommended or Performed | Inspector | Comments |
|------|-------------------------|---------------------------|--------------------------------------|-----------|----------|
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Other Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

**THOMPSON LAKE RESTORATION
HYDRODYNAMIC SEPARATOR
(AQUA SWIRL AS-6)
INSPECTION & MAINTENANCE FORM**



SPECIFIC REQUIREMENTS FOR AQUA SWIRL AS-6:

2. Inspect system quarterly for the first two years of operation to gauge necessity for maintenance, then twice a year (spring and fall) at a minimum (or more based on initial gauging). Inspection to include visual verification of working order of system, identify presence of floating oil and debris, measurement of sediment accumulation, and removal of sediment as necessary.

Aqua Swirl AS-6 Sediment Measurement Process:

- The design allows for the sediment to accumulate in a semi-conical fashion. That is, the depth to sediment as measured below the water surface may be less in the center of the swirl chamber; and likewise, may be greater at the edges of the swirl chamber. Measure the depth at the center.
- To avoid underestimating the volume of sediment in the chamber, the measuring device must be carefully lowered to the top of the sediment pile in the center. Keep in mind that the finer sediment at the top of the pile may offer less resistance to the measuring device than the larger particles which typically occur deeper within the sediment pile.
- When the depth of sediment in the center of the chamber reaches **14 inches**, it should be cleaned out. It is not necessary to take an average depth. Having an initial record of the total depth to the bottom of the structure from the manhole RIM is very helpful to accurately record sediment depth.

Aqua Swirl AS-6 Cleaning Process:

- Free-floating oil and floatable debris can be observed and removed directly through the 30-inch service access riser provided. A vacuum truck should be used to remove the accumulated sediment and debris. The entire sediment storage area can be reached with a vacuum hose. Ensure all trash and debris are removed from the system. Confined space entry and traffic safety procedures must be followed.

Distance from Manhole Rim to Structure Bottom: _____

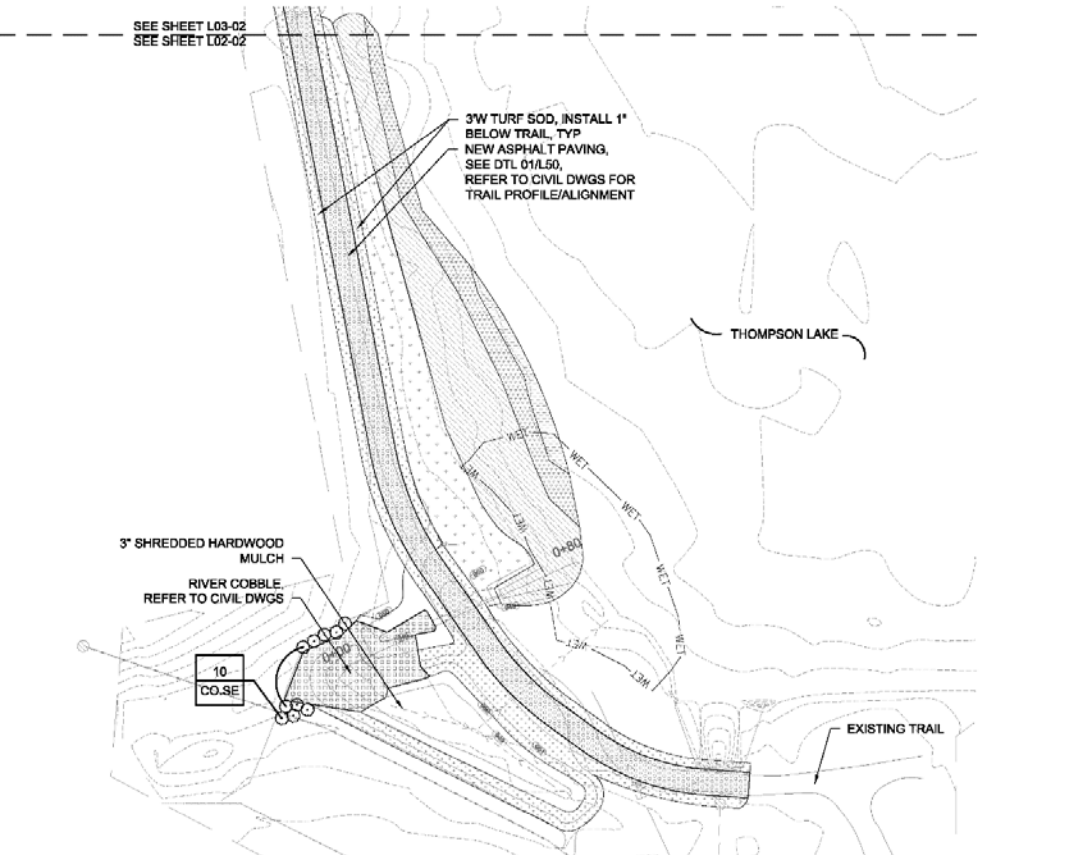
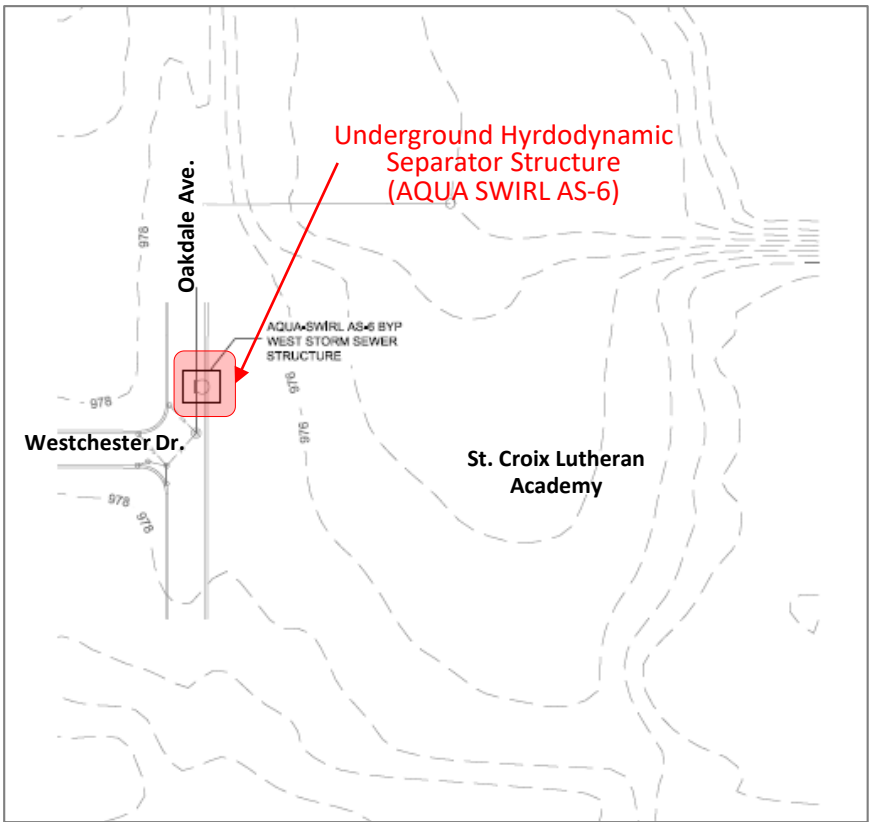
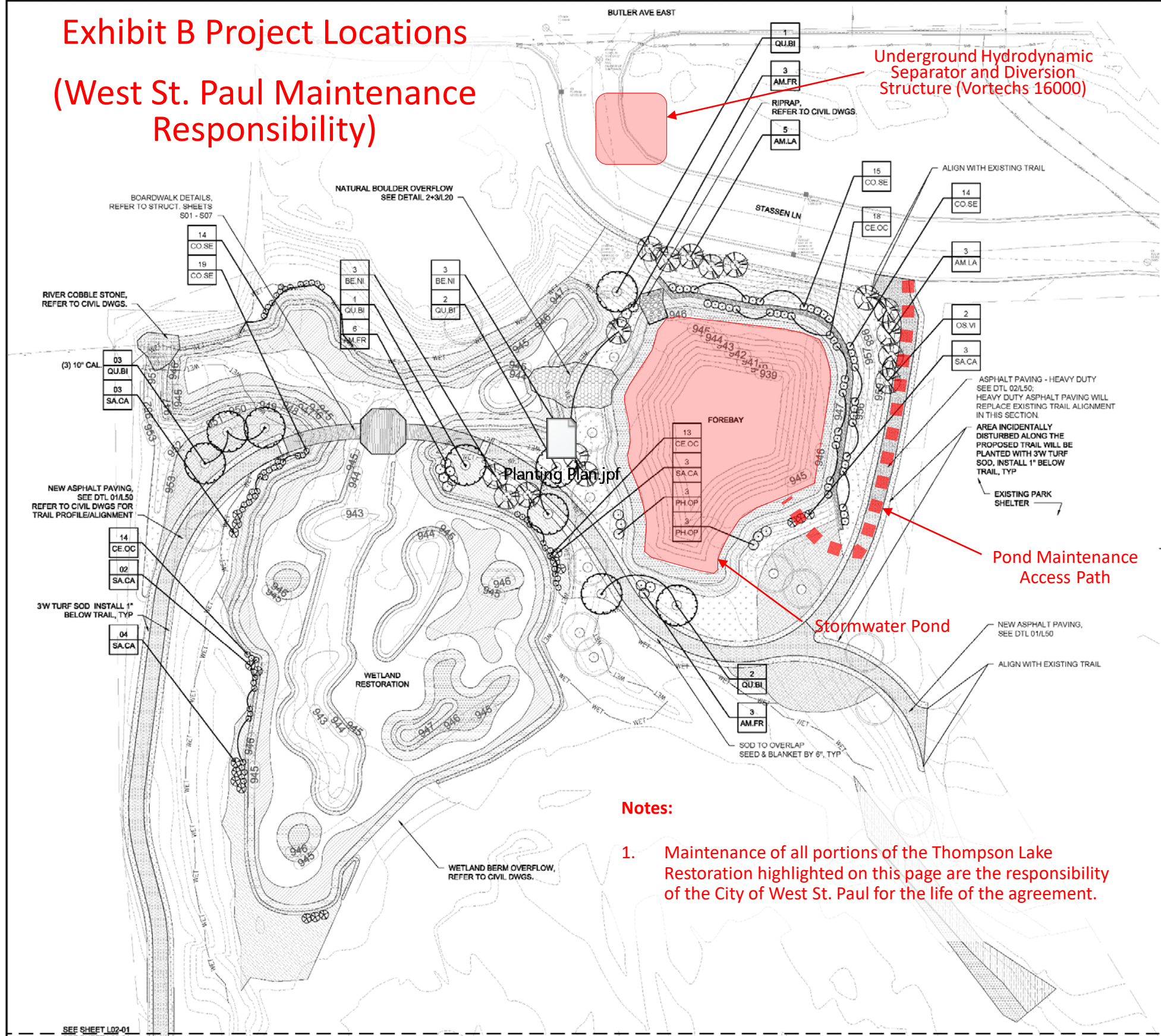
Aqua-Swirl Inspection Tool List: Flashlight, Measuring device, camera with flash

| Date | Depth of Sediment | Floatable Layer Thickness | Maintenance Recommended or Performed | Inspector | Comments |
|------|-------------------|---------------------------|--------------------------------------|-----------|----------|
| | | | | | |
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Other Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

Exhibit B Project Locations
(West St. Paul Maintenance Responsibility)



1 PLANTING PLAN
1" = 30'-0"

2 SOUTH STORMWATER BMP LANDSCAPE PLAN
1" = 30'-0"

DESIGNED: KL/MM
DRAWN: KL
CHECKED: RR/MM
DATE / REVISION: 2018.02.08 / DD SET
2018.02.28 / 90% DESIGN
2018.06.27 / 90% DESIGN
2018.07.27 / 95% DESIGN

OWNER:
DAKOTA COUNTY
MINNESOTA

PLANTING PLAN
THOMPSON LAKE CONTAMINATED SEDIMENT REMOVAL &
STORMWATER IMPROVEMENT PROJECT
WEST ST. PAUL, MN

SHEET NO:
L01

**EXHIBIT C
TO
MAINTENANCE AGREEMENT**

**OPERATION AND MAINTENANCE PLAN
OUTLINING DAKOTA COUNTY
STORMWATER BMP RESPONSIBILITIES
FOR THE
THOMPSON LAKE RESTORATION PROJECT**

Responsible Party: Lower Mississippi River Watershed Management Organization (LMRWMO) - Grant recipient responsible for ensuring that project is maintained per the grant requirements.

Responsible Party: Dakota County – Owner responsible for performing all maintenance activity and reporting to the LMRWMO as outlined in Exhibit C.

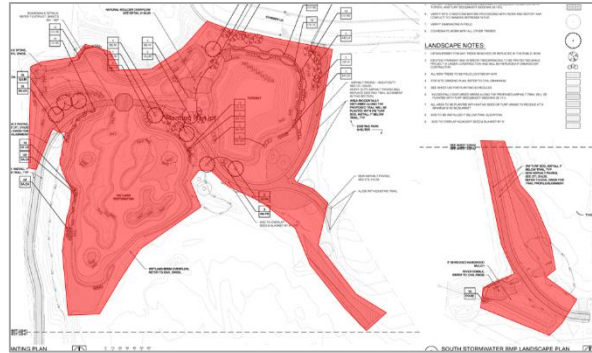
Project Location: Thompson County Park (360 Butler Ave E, West St Paul, MN 55118)

Inspections and maintenance are required to achieve the intended function, benefits, and life of the installed stormwater management best management practices (BMPs). This ensures that the investment of public funds is continually providing the intended water quality benefits. The Owners (City of West St. Paul and Dakota County) are responsible to establish and implement an inspection and maintenance program. Items to inspect and maintain include, but are not limited to, the following. Specific inspection and maintenance requirements for the BMPs installed as part of the project are included as well.

GENERAL REQUIREMENTS

1. The Owner will maintain the project in an “as built” condition.
2. The Owner will report any observed active erosion, land disturbances, large scale planned maintenance or other unusual conditions that may affect the intended performance of the practice to the LMRWMO.
3. The Owner will perform both preventative and reactive maintenance on this project per this operation and maintenance plan.
4. The Owner will provide the LMRWMO with an annual report of inspections performed and maintenance concerns addressed per this inspection and maintenance plan.
5. The Owner will replace any related stormwater management infrastructure (pipe conveyance) necessary for the system to function as intended as soon as issues arise.

**THOMPSON LAKE RESTORATION
NATIVE VEGETATION
INSPECTION & MAINTENANCE FORM**



SPECIFIC REQUIREMENTS FOR THIS PROJECT:

1. Promptly repair any new undercutting of steep slopes or major erosion in project area.
2. Remove undesirable woody vegetation (trees and shrubs) growing within 5 feet of stormwater pipe infrastructure and around pond overflow to wetland.
3. Replace dead and diseased trees with new stock.
4. Vegetation, where specified on the original construction plans, shall be maintained and trees and brush controlled and not allowed to establish by chemical or mechanical means as necessary. Control noxious weeds in project area.

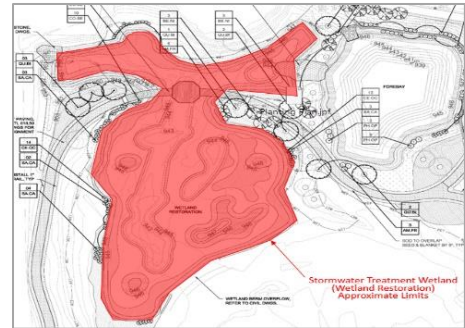
Inspector Name: _____

Inspection Date: _____

Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

**THOMPSON LAKE RESTORATION
STORMWATER WETLAND
INSPECTION & MAINTENANCE FORM**



SPECIFIC REQUIREMENTS FOR THIS PROJECT:

1. Pond outlet into wetland and wetland outlet (berm) into lake to be inspected annually.
2. Inspect after significant rain events for potential damage and repair as necessary.
3. Promptly repair or replace damaged storm sewer pipe and riprap components.
4. Promptly repair any new undercutting of side slopes or major erosion in project area.
5. Aquatic vegetation, where specified on the original construction plans (or equal native vegetation), shall be maintained and trees and brush controlled by chemical or mechanical means as necessary. Control noxious weeds in project area.
6. Monitor berm from wetland to main lake for erosion and repair any breaches of berm.

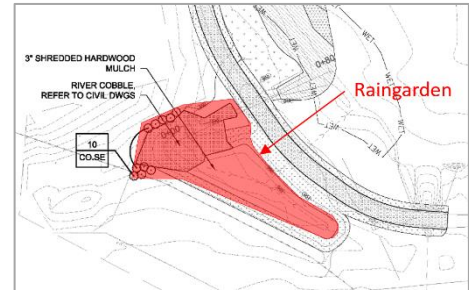
Inspector Name: _____

Inspection Date: _____

Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

**THOMPSON LAKE RESTORATION
SOUTHWEST RAINGARDEN
INSPECTION & MAINTENANCE FORM**



SPECIFIC REQUIREMENTS FOR THIS PROJECT:

1. Raingarden inlet and outlet to be inspected annually.
2. In first two years, inspect after significant rain events.
3. Promptly repair or replace damaged storm sewer pipe and riprap components.
4. Promptly repair any new undercutting of side slopes or major erosion in project area.
5. Remove woody vegetation (undesirable trees and shrubs) growing within basin.
6. Vegetation, where specified on the original construction plans (or equal native vegetation), shall be maintained and trees and brush controlled by chemical or mechanical means as necessary. Control noxious weeds in project area.

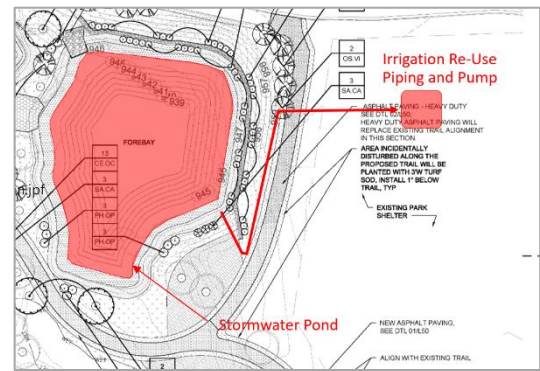
Inspector Name: _____

Inspection Date: _____

Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

**THOMPSON LAKE RESTORATION
STORMWATER RE-USE
IRRIGATION SYSTEM
INSPECTION & MAINTENACE FORM**



SPECIFIC REQUIREMENTS FOR THIS PROJECT:

1. The stormwater re-use irrigation system and components shall be inspected annually.
2. Cleaning of buildup on the irrigation re-use inlet pipes and pump system shall be performed annually by a qualified professional.
3. The stormwater re-use irrigation system shall be repaired if it is found to not be functioning as designed and installed.

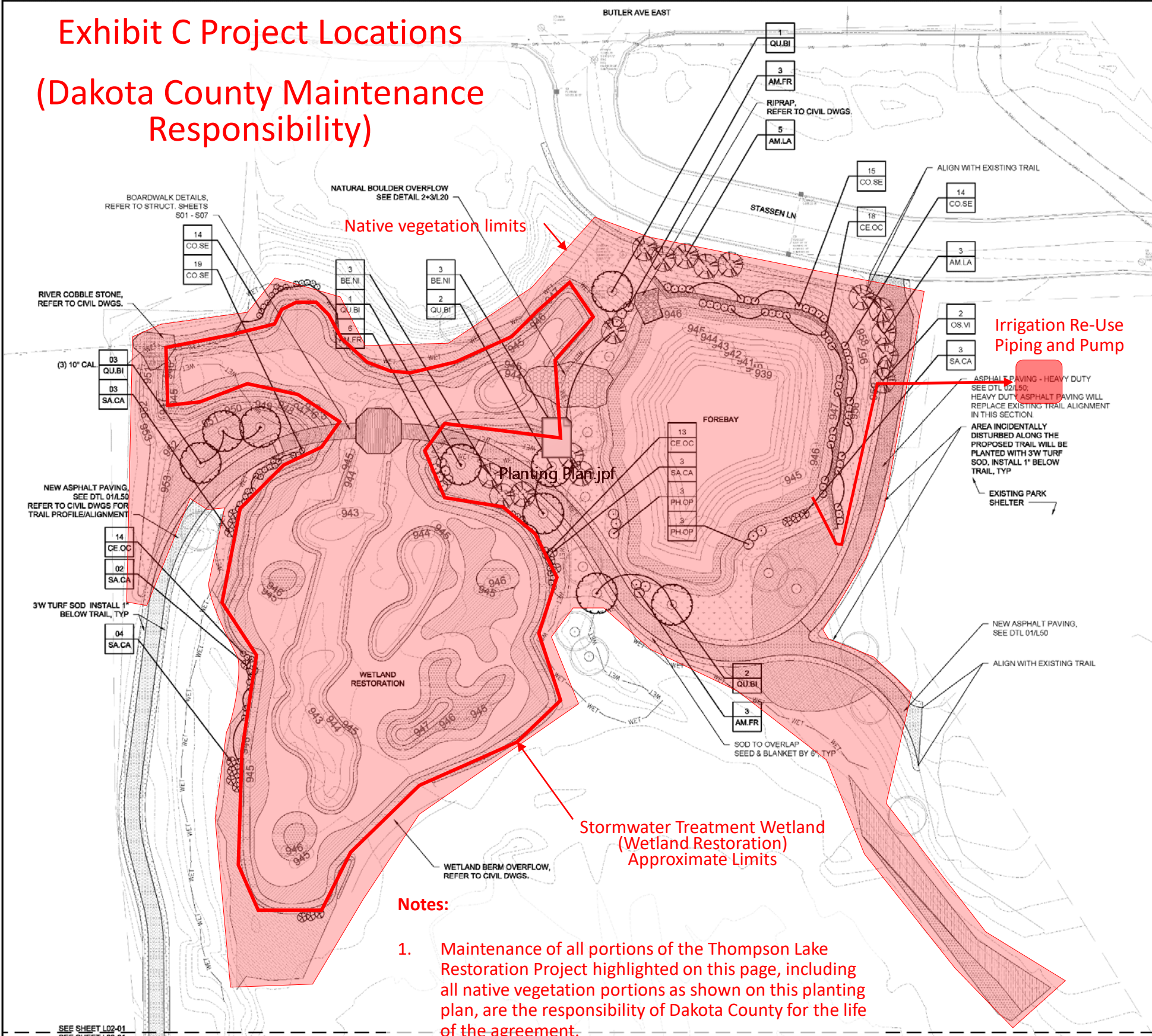
Inspector Name: _____

Inspection Date: _____

Inspection Notes:

Please include this form with your report to the Lower Mississippi River Watershed Management Organization (LMRWMO) inspections performed and maintenance concerns addressed.

Exhibit C Project Locations
(Dakota County Maintenance Responsibility)



GENERAL NOTES:

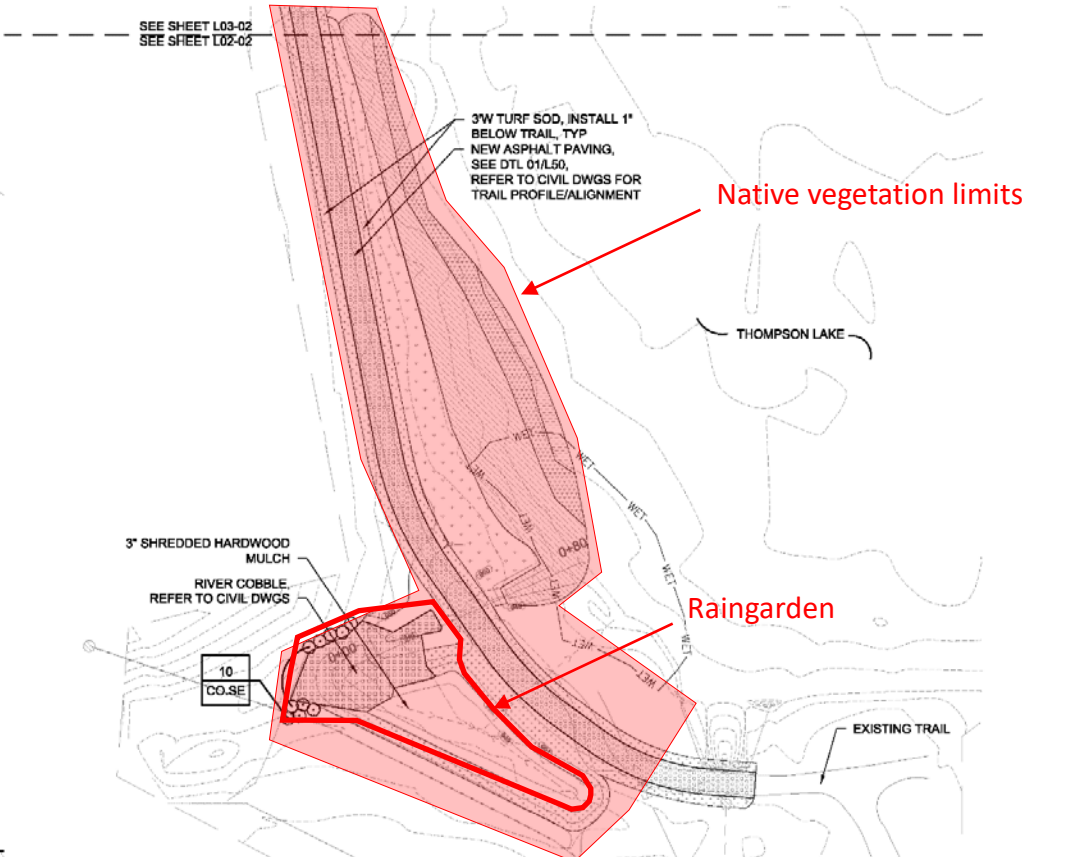
1. COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES FOR ALL WORK AND OPERATIONS.
2. KEEP ALL AREAS CLEAN, NEAT AND ORDERLY AT ALL TIMES, CLEAR OF RUBBISH AND DEBRIS. LEGALLY DISPOSE OF ALL MATERIALS REMOVED FROM THE SITE.
3. DO NOT INTERFERE WITH USE OF ADJACENT PROPERTIES INCLUDING BUT NOT LIMITED TO BUILDINGS, PARKING LOTS, STREETS OR ALLEYS.
4. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, FENCING, FURNISHINGS AND PLANTINGS, TREES AND LAWNS FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS, AND OTHER HAZARDS CREATED BY SITE IMPROVEMENTS. IF ANY DAMAGE OCCURS, REPAIR TO ORIGINAL CONDITION AT NO ADDITIONAL COST.
5. PROTECT AND/OR RESTORE EXISTING LAWN TO EXCELLENT CONDITION WITH TOPSOIL AND TURF SEED(MNDOT SEED MIX 25-151).
6. VERIFY SITE CONDITIONS BEFORE PROCEEDING WITH WORK AND REPORT ANY CONFLICT TO OWNER'S REPRESENTATIVE.
7. VERIFY DIMENSIONS IN FIELD.
8. COORDINATE WORK WITH ALL OTHER TRADES.

LANDSCAPE NOTES:

1. OBTAIN PERMIT FOR ANY TREES REMOVED OR REPLACED IN THE PUBLIC ROW.
2. EXISTING PARKWAY AND INTERIOR TREES/FENCING TO BE PROTECTED WHILE PROJECT IS UNDER CONSTRUCTION AND WILL BE REPLACED IF DAMAGED BY CONTRACTOR.
3. ALL NEW TREES TO BE FIELD LOCATED BY AOR.
4. FOR SITE GRADING PLAN, REFER TO CIVIL DRAWINGS.
5. SEE SHEET L60 FOR PLANTING SCHEDULES.
6. INCIDENTALLY DISTURBED AREAS ALONG THE PROPOSED ASPHALT TRAIL WILL BE PLANTED WITH TURF SEED(MNDOT SEED MIX 25-151).
7. ALL AREA TO BE PLANTED WITH NATIVE SEED OR TURF GRASS TO RECEIVE AT A MINIMUM \$150 BN BLANKET.
8. SOD TO BE INSTALLED 1" BELOW TRAIL ELEVATION.
9. SOD TO OVERLAP ADJACENT SEED & BLANKET BY 6"

LEGEND

- ASPHALT TRAIL
- ASPHALT TRAIL - HEAVY DUTY
- CONCRETE FOOTING
- BOARDWALK
- STABILIZED DECOMPOSED GRANITE
- NATURAL BOULDER OVERFLOW
- RIVER COBBLE STONE
- RIPRAP
- EXISTING TREE TO REMAIN AND TO BE PROTECTED, REFER TO DEMO PLAN, SEE SHEET L61
- SHADE TREE
- ORNAMENTAL TREE
- SHRUBS
- SAVANNA*
- MESIC PRAIRIE SEED MIX*
- WET-MESIC PRAIRIE PLUG AND SEED MIX*
- WET-MESIC PRAIRIE PLUG MIX*
- EMERGENT WETLAND PLUG MIX*
- DEEP EMERGENT PLUG MIX*
- FLOATING AQUATIC PLUG MIX*
- TURF SOD



1 PLANTING PLAN
1" = 30'-0"

2 SOUTH STORMWATER BMP LANDSCAPE PLAN
1" = 30'-0"

DESIGNED: KL/MM
DRAWN: KL
CHECKED: RR/MM
DATE / REVISION: 2018.02.08 / DD SET
2018.02.28 / 90% DESIGN
2018.07.27 / 95% DESIGN

OWNER:
DAKOTA COUNTY
MINNESOTA

PLANTING PLAN
THOMPSON LAKE CONTAMINATED SEDIMENT REMOVAL &
STORMWATER IMPROVEMENT PROJECT
WEST ST. PAUL, MN

SHEET NO:
L01

| Grant Program | Category | State | Sponsor Agency/ Org | Federal/ Non-Federal | General Info | Eligibility | Level of Assistance | Application Submittal Deadline w/ Comments | Link to Website | Contact Information |
|--|---------------------------------------|--------------------------|---------------------------------------|----------------------|---|--|---|--|---|--|
| Community Forest and Open Space Conservation Program | Natural Resources/ Habitat Protection | All States | USDA | Federal | Land acquisition program to establish community forests by protecting forest land from conversion to non-forest uses and provide community benefits such as sustainable forest management, environmental benefits (clean air, water, and wildlife habitat), education, and recreation. Eligible lands should be at least five acres and at least 75% forested. | Local government entities, Indian tribes, or qualified nonprofit organizations are qualified to acquire and manage land. | Approx. \$2 million available. Maximum grant awards of \$600,000. 50% non-federal match required. | January 11, 2021 | https://www.fs.fed.us/managing-land/private-land/community-forest/program | Neal Bungard neal.bungard@usda.gov 603-868-7719 |
| AIS Prevention Grant Program | Water Quality | MN | Hennepin County | Non-Federal | Grant funds are available to help local units of government and organizations implement projects that prevent he spread of aquatic invasive species. Eligible project activities include: assessing the risk of AIS introduction and the resources available to respond; broadening the knowledge and participation in early detection and rapid response; prevent eh spread of AIS; researching and addressing specific pathways of introduction; increasing enforcement resources; increasing public awareness and participation in prevention. | Eligible recipients include local government agencies, nonprofit organizations, public companies and institutions, and private for-profit companies within Hennepin County. | Approximately \$300,000 in funding is available this round. No match required. Projects with match funds, expand on existing programs, or are innovative rank higher. Typical award from \$15,000 - \$25,000, maximum award \$50,000. | January 14, 2021 | http://www.hennepin.us/aisprevention | Tony Brough tony.brough@hennepin.us 612-348-4378 |
| Conservation Partners Legacy Grant Program - Expedited Conservation Projects | Natural Resources/ Habitat Protection | MN | MN DNR | Non-Federal | Grant program to restore or enhance prairies, wetlands, forests, or habitat for fish, game, or wildlife in Minnesota. Program provides non-competitive grants from \$5,000 to \$50,000 with a 10% non-state match requirement, and project cost cap of \$575,000. Restoration and enhancement projects will only be funded on lands in public ownership or waters designated as public waters. All project sites must be open to the public for all seasons of hunting and fishing. | Eligible applicants are limited to local, regional, state, and national non-profit organizations, including government entities. Private individuals and for-profit organizations are not eligible to apply for these grants. Continuous grant cycle - grant awards made every other month until all funds are awarded (up to 5 rounds). Projects must be on public lands or waters. | Non-competitive grants from \$5,000-\$50,000 with a 10% non-state match requirement and a total project cost cap of \$575,000. | Round 1: September 14, 2020 Round 2: November 16, 2020 Round 3: January 19, 2021 Round 4: March 15, 2021 Round 5: May 10, 2021 | http://www.dnr.state.mn.us/grants/habitat/cpl/ecp-grant-cycle.html | CPLGrants.DNR@state.mn.us Jessica Lee, CPL Grant Program Coordinator 651-259-5233 (St. Paul) Conservation Partners Legacy Grant MN DNR 500 Lafayette Road Box #20 St. Paul, MN 55155 |
| National Ground-Water Monitoring Network | Groundwater | All States | USGS | Federal | The Groundwater and Streamflow Information Program of the USGS is offering a two-year cooperative agreement opportunity to state or local water-resources agencies that collect groundwater data to participate in the National Ground-Water Monitoring Network. The USGS is working with the Federal Advisory Committee on Water Information (ACWI) and its Subcommittee on Ground Water (SOGW) to develop and administer a National Ground-Water Monitoring Network (NGWMN). This funding opportunity is to support data providers for the National Ground-Water Monitoring Network. | State and local water resource agencies | Individual applications are restricted to a maximum annual funding level of \$300,000. | January 21, 2021 | https://www.grants.gov/web/grants/search-grants.html?keywords=2020%20ground-water%20monitoring%20network | Sara Roser (703) 648-7357 sroser@usgs.gov |
| Five Star & Urban Waters Restoration Program | Natural Resources/ Habitat Protection | All States | National Fish and Wildlife Foundation | Non-Federal | The Five Star and Urban Waters Restoration Grant Program seeks to develop community capacity to sustain local natural resources for future generations by providing modest financial assistance to diverse local partnerships focused on improving water quality, watersheds and the species and habitats they support. Projects include a variety of ecological improvements including: wetland, riparian, forest and coastal habitat restoration; wildlife conservation; community tree canopy enhancement; and/or water quality monitoring and stormwater management; along with targeted community outreach, education and stewardship. NFWF may use a mix of public and private funding sources to support any grant made through this program and priority will be given to projects that advance water quality goals in underserved communities. | Eligible applicants include non-profit 501(c) organizations, state government agencies, local governments, municipal governments, Indian tribes and educational institutions. Ineligible applicants include: unincorporated individuals, businesses, international organizations and U.S. Federal government agencies. | A total of approximately \$1,500,000 is available. Awards range from \$20,000-\$50,000, with an average award of \$35,000 and 40-50 grants awarded. Projects span 1-2 years. Projects are required to meet or exceed a 1:1 match of funds awarded. | January 28, 2021 | https://www.nfwf.org/fivestar/Pages/fivestar2020rfp.aspx | Chloe Elberty (All Geographies) Coordinator, Community Stewardship 202-595-2434 Chloe.Elberty@nfwf.org |
| Flood Mitigation Assistance | Water Quantity | All States | FEMA | Federal | The Flood Mitigation Assistance (FMA) Program makes available Federal funds to State, Local and Tribal Governments to reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP). This program addresses one of the five missions of DHS, as specified in the Quadrennial Homeland Security Review: Strengthen National Preparedness and Resilience as well as the national preparedness goal of mitigation, as specified in the Presidential Policy Directive (PPD-8). | Local governments, including cities, townships, counties, special district governments, and Native American tribal organizations are considered Subapplicants and must submit subapplications for mitigation planning and projects to their State/Territory Applicant agency. | The maximum federal share for FMA planning sub-applications is as follows: • Up to \$600,000 for community flood mitigation project scoping • Up to \$30,000,000 for community flood mitigation projects • \$50,000 for Technical Assistance for states/territories who were awarded FMA Grant Program funds totaling at least \$1,000,000 in FY 2018. • \$100,000 per Applicant for mitigation planning with a maximum of \$50,000 for state plans and \$25,000 for local plans. | January 29, 2021 | https://www.fema.gov/flood-mitigation-assistance-grant-program | Contact information for the State Hazard Mitigation Officers (SHMOs) is provided on the FEMA website: http://www.fema.gov/state-hazard-mitigation-officers . |
| Building Resilient Infrastructure and Communities (BRIC) | Water Quantity | All States | FEMA | Federal | The Building Resilient Infrastructure and Communities (BRIC) program makes federal funds available to states, U.S territories, Indian tribal governments, and local communities for pre-disaster mitigation activities. The guiding principles of the program are to: (1) support state and local governments, tribes, and territories through capability- and capacity-building to enable them to identify mitigation actions and implement projects that reduce risks posed by natural hazards; (2) encourage and enable innovation while allowing flexibility, consistency, and effectiveness; (3) promote partnerships and enable high-impact investments to reduce risk from natural hazards with a focus on critical services and facilities, public infrastructure, public safety, public health, and communities; (4) provide a significant opportunity to reduce future losses and minimize impacts on the Disaster Relief Fund (DRF); and (5) support the adoption and enforcement of building codes, standards, and policies that will protect the health, safety, and general welfare of the public, take into account future conditions , and have long-lasting impacts on community risk-reduction, including for critical services and facilities and for future disaster costs. | State governments and Native American tribal governments | Total program funding is \$500,000,000. FEMA will allocate \$600,000 per state and \$20,000,000 for Indian tribal governments. Any funds which are not awarded from the State/Territory Allocation or Tribal Set-Aside will be re-allocated to the national competition for mitigation projects. The award ceiling for the national competition is \$50,000,000. 25% non-federal cost share required. | January 29, 2021 | https://www.grants.gov/web/grants/search-grants.html?keywords=bric | Contact information for the State Hazard Mitigation Officers (SHMOs) is provided on the FEMA website: http://www.fema.gov/state-hazard-mitigation-officers . For assistance with FEMA website, contact femago@fema.dhs.gov |
| Wellhead Protection Partner Grants (Pilot) | Groundwater | MN | BWSR | Non-Federal | Wellhead Protection Partner Grants will provide funding to local government for establishing perpetual or long-term protection of wellhead protection areas where state-held easements are not viable or desirable. | A local government entity within a delineated Wellhead Protection Area (WHPA) mapped in a Minnesota Department of Health (MDH) approved Wellhead Protection Plan | Up to \$1,279,000 is currently available. Individual grant amounts will be determined by the duration of protection and the protection mechanism provided in the grant proposal. A 10% match is required of grant recipients | Last day of each month as funding is available | http://www.bwsr.state.mn.us/grants/apply/index.html | Tabor Hoek tabor.hoek@state.mn.us 507-537-7260 |
| Conservation Partners Legacy Grant Program - Traditional Projects | Natural Resources/ Habitat Protection | MN | MN DNR | Non-Federal | Grant program to restore or enhance prairies, wetlands, forests, or habitat for fish, game, or wildlife in Minnesota. Program provides competitive grants of \$5,000-\$400,000 with a 10% non-state match requirement and a total project cost cap of \$575,000. Restoration and enhancement projects will only be funded on lands in public ownership or waters designated as public waters. All project sites must be open to the public for all seasons of hunting and fishing. | Eligible applicants are limited to local, regional, state, and national non-profit organizations, including government entities. Private individuals and for-profit organizations are not eligible to apply for these grants. | Competitive grants from \$5,000-\$400,000 with a 10% non-state match requirement and a total project cost cap of \$575,000 | February 1, 2021 | https://www.dnr.state.mn.us/grants/habitat/cpl/ou-grant-cycle.html | CPLGrants.DNR@state.mn.us Jessica Lee, CPL Grant Program Coordinator 651-259-5233 (St. Paul) Conservation Partners Legacy Grant MN DNR 500 Lafayette Road Box #20 St. Paul, MN 55155 |
| Conservation Partners Legacy Grant Program - Metro Projects | Natural Resources/ Habitat Protection | MN | MN DNR | Non-Federal | Grant program to restore or enhance prairies, wetlands, forests, or habitat for fish, game, or wildlife in Minnesota. Program provides competitive grants of \$5,000-\$400,000 with a 10% non-state match requirement and a total project cost cap of \$575,000. Restoration and enhancement projects will only be funded on lands in public ownership or waters designated as public waters. All project sites must be open to the public for all seasons of hunting and fishing. | Eligible applicants are limited to local, regional, state, and national non-profit organizations, including government entities. Projects must be located within the 7 county metro area or within city limits of cities with a population of 50,000 or greater (Duluth, Rochester, St. Cloud). Private individuals and for-profit organizations are not eligible to apply for these grants. | Non-competitive grants from \$5,000-\$400,000 with a 10% non-state match requirement and a total project cost cap of \$575,000. | February 1, 2021 | https://www.dnr.state.mn.us/grants/habitat/cpl/metro-grant-cycle.html | CPLGrants.DNR@state.mn.us Jessica Lee, CPL Grant Program Coordinator 651-259-5233 (St. Paul) Conservation Partners Legacy Grant MN DNR 500 Lafayette Road Box #20 St. Paul, MN 55155 |
| Great Lakes Fish and Wildlife Restoration Act | Natural Resources/ Habitat Protection | Great Lakes Basin States | USFWS | Federal | The Service requests interested entities to submit restoration, research and Regional project proposals for the restoration of Great Lakes fish and wildlife resources. The purpose of the Act is to provide assistance to States, Indian Tribes, and other interested entities to encourage cooperative conservation, restoration and management of the fish and wildlife resources and their habitats in the Great Lakes Basin. Project goals include: -restoring and maintaining self-sustaining fish and wildlife resources, -minimizing the impacts of contaminants on fishery and wildlife resources, -protecting, maintaining, and where degraded and destoryed, restoring habitat including the enhancement and creation of wetlands that result in a net gain in the amount of those habitats, -stopping illegal activities adversely impacting fishery and wildlife resources, -restoring threatened and endangered species to viable, self-sustaining levels, -protecting, managing and conserving migratory birds. | Eligible applicants include states, Indian tribes, and other interested entities. | Approximately \$1.38 million in funds will be available. 25% non-federal match required. | February 16, 2021 | http://www.fws.gov/midwest/fisheries/glfwa-grants.html | Mr. Rick Westerhof U.S. Fish and Wildlife Service Green Bay Fish and Wildlife Conservation Office 6644 Turner Road Elmira, Michigan 49730 Email: Rick_Westerhof@fws.gov Phone: 231-584-3553 |

| Grant Program | Category | State | Sponsor Agency/ Org | Federal/ Non-Federal | General Info | Eligibility | Level of Assistance | Application Submittal Deadline w/ Comments | Link to Website | Contact Information |
|--|---------------------------------------|--------------------------|--|----------------------|---|--|--|---|---|---|
| North American Wetland Conservation Act Standard and Small Grants Program | Natural Resources/ Habitat Protection | All States | U.S. Fish and Wildlife Service (USFWS) | Federal | The Act was passed, in part, to support activities under the North American Waterfowl Management Plan, an international agreement that provides a strategy for the long-term protection of wetlands and associated uplands habitats needed by waterfowl and other migratory birds in North America. In December 2002, Congress reauthorized the Act and expanded its scope to include the conservation of all habitats and birds associated with wetlands ecosystems. | The North American Wetlands Conservation Act (Act, or NAWCA) of 1989 provides matching grants to organizations and individuals who have developed partnerships to carry out wetlands conservation projects in the United States, Canada, and Mexico for the benefit of wetlands-associated migratory birds and other wildlife. | \$40 million (annually) for 24 North American Wetlands Conservation Act (NAWCA) proposals for U.S Standard Grants. Requires minimum 1:1 match | Standard Cycle 1: February 26, 2021 Standard Cycle 2: July 9, 2021 Small: October 14, 2021 | http://www.fws.gov/birds/grants/north-american-wetland-conservation-act.php | Contact: Division of Bird Habitat Conservation, (703) 358-1784, dbhc@fws.gov |
| Federal Recreational Trail Program | Recreation | MN | MN DNR | Non-Federal | Motorized and non-motorized trail projects; maintenance/restoration of existing recreational trails; development/ rehabilitation of recreational trail linkages, including trail side and trail head facilities; environmental awareness and safety education programs relating to the use of recreational trails; and redesign/relocation of trails to benefit/minimize the impact to the natural environment. | All projects must be sponsored by a unit of government, preferably in cooperation with a local trail organization. | The minimum grant request is \$2,500, and the maximum grant award is \$150,000. Maximum request per piece of equipment is \$75,000. Equipment purchases at or above \$75,000 require a 50% match, and those purchases below \$75,000 require a 25% match. | February 26, 2021 | http://www.dnr.state.mn.us/grants/recreation/trails_federal.html | Dan Golner, Recreation Program Coordinator Daniel.Golner@state.mn.us 651-259-5599 |
| Short Term Action Request Grants (STAR) | Natural Resources/ Habitat Protection | MN | MN DNR | Non-Federal | Your project must be conducted in Minnesota's coastal area, be action-oriented, and align with one of the following categories and goals: -Coastal Habitat: Protect the coastal areas' natural resources and habitats including wetlands, forests, beaches and fish -Coastal Hazards: Protect lives and property in the coastal area by minimizing risk to hazards such as storms, flooding and erosion -Water Quality: Safeguard and restore water quality in Lake Superior and area streams -Coastal Community Development: Help communities manage development or preserve the historic, cultural and aesthetic features of Lake Superior and its coast -Coordination and Public Involvement: Collect, analyze, synthesize and share information and research results that will lead to better land and water use decisions in the coastal area or engage the public in critical government decisions | Cities, townships and counties within the coastal area; area-wide agencies; regional planning agencies; state agencies; non-profit organizations; colleges and universities; public school districts in the coastal area; conservation districts; port authorities; tribal governments; joint powers boards; sanitary sewer districts. | The minimum grant is \$2,500 and the maximum is \$10,000. | March 1, 2021 June 1, 2021 | http://www.dnr.state.mn.us/waters/lakesuperior/grants.html | Cynthia Poyhonen, Grants Specialist (218) 834-1447 or Cynthia.poyhonen@state.mn.us |
| Clean Water State Revolving Fund - Wastewater & Stormwater | Water Quality | MN | MN Public Facilities Authority (MPFA) | Non-Federal | The Clean Water State Revolving Fund, is established under the Federal Clean Water Act and state law to make loans for point source (wastewater and stormwater) and nonpoint source water pollution control projects. The Public Facilities Authority (PFA) prepares an annual Intended Use Plan (IUP) based on a Project Priority List (PPL) developed by the MPCA. The IUP describes the projects and activities eligible for funding during the state fiscal year. | Proposals are being accepted to place wastewater or stormwater collection and treatment system projects on the Clean Water Revolving Fund (CWRF) Project Priority List (PPL). Projects must be on the PPL to be eligible to apply for below market rate CWRF loans and other Clean Water Legacy grants and loans from the Minnesota Public Facilities Authority (PFA). PFA financing is for investments in municipal infrastructure which result in improvements in water quality. Funding is not available for privately owned infrastructure. | Below market-rate, low-interest loans, principal-forgiveness or grants to local governments. | Wastewater Facilities Plans or Stormwater Project Plans are due to the MPCA March 5, 2021. Request for Placement on PPL due to the MPCA March 5, 2021. Request for Placement on the IUP due to the MPCA June 4, 2021. | www.pca.state.mn.us/ppl | Bill Dunn, Clean Water Revolving Fund Coordinator Minnesota Pollution Control Agency 520 Lafayette Road North Saint Paul, MN 55155-4194 651-757-2324 or bill.dunn@state.mn.us |
| Point Source Implementation Grant Program | Water Quality | MN | Minnesota Public Facilities Authority (PFA) & MPCA (State funds) | Non-Federal | The Point Source Implementation grant program provides grants to units of local government to assist with the cost of water infrastructure projects necessary to: •Meet wasteload reductions prescribed under a total maximum daily load (TMDL) plan required by Section 303(d) of the federal Clean Water Act •Reduce the discharge of total phosphorus to one milligram per liter or less •Meet any other water quality-based effluent limit established under section Minnesota Statute Section 115.03, subd 1, (e)(8), that is incorporated into a permit issued by MPCA that exceeds secondary treatment limits •Meet a total nitrogen concentration or mass limit that requires discharging ten milligrams per liter or less at a permitted design flow | The PSIG program provides grants for 80% of eligible costs up to a maximum of \$7,000,000. Projects must be listed on the MPCA's Project Priority List (PPL). A project must receive MPCA certification and submit as-bid project costs to receive a PSIG grant. | \$5,307,000 million has been appropriated for this program for FY 2018 | PPL Application Request: March 5, 2021 IUP Application Request: June 4, 2021 | https://www.pca.state.mn.us/water/wastewater-and-stormwater-financial-assistance | Bill Dunn, Clean Water Revolving Fund Coordinator Minnesota Pollution Control Agency 520 Lafayette Road North Saint Paul, MN 55155-4194 651-757-2324 or bill.dunn@state.mn.us |
| Community Conservation Partnership | Water Quality | MN | Dakota County Soil & Water Conservation District | Non-Federal | Program to support public landowners in implementing TMDL and local water management plans by providing technical and cost share assistance to install bioretention and other stormwater Best Management Practices at public facilities in Dakota County to improve water quality above the minimum measures required by the regulating agencies. | Public landowners within Dakota County | Up to \$50,000 of cost share funding available per project for up to 75% of the actual project cost. | March, May or July 15 each year | http://www.dakotacountyswcd.org/ccp.html | Contact Dakota County SWCD (651) 480-7777 |
| Environmental Initiative Program | Natural Resources/ Habitat Protection | CO, HI, MN, TX, WY | Laura Jane Musser Fund | Non-Federal | The Fund's goal is to promote public use of open space that improves a community's quality of life and public health, while also ensuring the protection of healthy, viable and sustainable ecosystems by protecting or restoring habitat for a diversity of plant and animal species. | Who can apply: Nonprofit 501(c)(3) organizations, local units of government within the following states: CO, HI, MN, TX, WY. | Planning: Up to \$8,000 Implementation: Up to \$35,000 | March 17, 2021 | http://www.musserfund.org/index.asp?page_seq=11 | Mary Karen Lynn-Klimenko Grants Program Manager THE LAURA JANE MUSSER FUND admin@musserfund.org 612-825-2024 |
| Water Quality Improvement Grant Program | Water Quality | MN | Nine Mile Creek Watershed District | Non-Federal | Many types of projects are eligible for grant money. A few examples include: raingardens, shoreline restoration, permeable pavers, buckthorn removal with native restoration, and more! Grant funds are available to residents, associations, nonprofits, schools, businesses, and cities for projects located within District boundaries | In order to be eligible for grant funds, projects must support one or more of the following goals: -Improve water quality or increase the capacity of the watershed to store water -Preserve, protect, and restore native plant and wildlife habitats with emphasis on projects adjacent to or near lakes, rivers, and wetlands -Protect and preserve groundwater quality and quantity Grant funds are available to residents, associations, nonprofits, schools, businesses, and cities for projects located within District boundaries | Grants will be awarded for up to 75% of a project's cost, on a reimbursement basis, for materials, labor, engineering, and consulting fees. The minimum grant award is \$500. Maximum grant award: -\$5,000 for residential projects -\$20,000 for townhome, condominium, or lake associations -\$50,000 for commercial, government, or nonprofit projects | March 19, 2021 | https://www.ninemilecreek.org/get-involved/grants/ | Erica Sniegowski Program & Project Manager esniegowski@ninemilecreek.org 952-358-2276 |
| Source Water Protection: Plan Implementation Grant Program | Groundwater | MN | MN Dept. of Health | Non-Federal | Program is designed to support implementation of Source Water Protection Plans. In Minnesota, source water protection is divided into wellhead protection that focuses on 1) groundwater that is used for public water supply and 2) intake protection that focuses on surface water that is used for public water supply. | Only public water suppliers may apply for a source water protection plan implementation grant but may use funding to support the work of other parties relating to the source water protection plan. | The total amount of funding that is available under this notice is \$175,000. No cost share is required for receiving a grant. The minimum amount available is \$1,000. The maximum amount available is \$10,000. All of the funds that are awarded must be expended within the state fiscal biennium. | March 31, 2021 September 30, 2021 | https://www.health.state.mn.us/communities/environment/water/swp/implementationfaq.html | Drinking Water Protection Program Email: Health.DrinkingWater@state.mn.us (651-201-4700) |
| Project Grant Program | Water Quality | Great Lakes Basin States | Freshwater Future | Non-Federal | The goal of this grant program is to provide financial support to activities that actively promote aquatic habitat protection and restoration by influencing community and/or individual behavior or opinions, corporate conduct, and/or public policies; and to strengthen the role of individuals and community groups working locally to protect and restore shorelines, inland lakes, rivers, and wetlands in the Great Lakes Basin. On the ground projects or educational programs without an advocacy component integrated into the program and goals will not be considered. | Applicants must be a current organizational member of Freshwater Future; a grassroots initiative; a 501(c)(3), Canadian charity, or have a fiscal sponsor with either a 501(c)(3) or is a Canadian charity; and carry out a project that impacts the Great Lakes watershed. | \$500-\$5,000 | Spring Cycle: March 31, 2021 Fall Cycle: September 30, 2021 | http://freshwaterfuture.org/grants/project-grant-program/ | (231) 348-8200 or grants@freshwaterfuture.org |
| Rural Energy for America Program - Renewable Energy and Energy Efficiency - Grants | Environmental & Education | All States | USDA | Federal | USDA is offering grants for up to 25 percent of total project costs for renewable energy systems and energy efficiency improvements. Eligible renewable energy projects must incorporate commercially available technology. This includes renewable energy from wind, solar, ocean, small hydropower, hydrogen, geothermal and renewable biomass (including anaerobic digesters). Energy efficiency improvement projects eligible for REAP funding include lighting, heating, cooling, ventilation, fans, automated controls and insulation upgrades that reduce energy consumption. | Agricultural producers with at least 50% of gross income coming from agricultural operations, and small businesses in eligible rural areas. | The maximum grant amount for renewable energy projects is \$500,000. The maximum grant amount for energy efficiency projects is \$250,000. Grants for up to 25% of total project cost. | Less than \$20,000: March 31 Unrestricted Grant: March 31 | http://www.rd.usda.gov/programs-services/rural-energy-america-program-renewable-energy-systems-energy-efficiency | Ron Omann, USDA Rural Development 375 Jackson St., Suite 410 St. Paul, MN 55101 (651)-602-7796 Ron.Omann@mn.usda.gov http://www.rd.usda.gov/mn |
| Regional Trail Grants | Recreation | MN | MN DNR | Non-Federal | Program to promote development of regionally significant trails. Eligible projects include acquisition and development of trail facilities outside the seven-county metropolitan area that are considered of regional or statewide significance. | Cities, counties, and townships. | Grants are reimbursement based up to 75 percent of eligible project costs, and recipients must provide a non-state cash match of at least 25 percent. The minimum grant request is \$5,000, and the maximum grant award is \$250,000. | March 31, 2021 | http://www.dnr.state.mn.us/grants/recreation/trails_regional.html | Dan Golner, Recreation Program Coordinator Daniel.Golner@state.mn.us 651-259-5599 |
| Local Trail Connections | Recreation | MN | MN DNR | Non-Federal | Land acquisition and trail development program to promote relatively short trail connections between where people live and desirable locations, not to develop significant new trails. Priority will be given to projects that provide significant connectivity. Considerations also include trail length, expected amount and type of use, and quality and attractiveness of natural and cultural resources. | Cities, counties, and townships. Projects inside state park boundaries and state trail corridors and elements of the Regional Open Space System in the Twin Cities Metro System are NOT eligible. | Grants are reimbursement based up to 75 percent of the total eligible project costs, and recipients must provide a non-state cash match of at least 25 percent. The minimum grant request is \$5,000, and the maximum grant award is \$150,000. | March 31, 2021 | http://www.dnr.state.mn.us/grants/recreation/trails_local.html | Dan Golner, Recreation Program Coordinator daniel.golner@state.mn.us 651-259-5599 |

| Grant Program | Category | State | Sponsor Agency/ Org | Federal/ Non-Federal | General Info | Eligibility | Level of Assistance | Application Submittal Deadline w/ Comments | Link to Website | Contact Information |
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| Outdoor Recreation | Recreation | MN | MN DNR | Non-Federal | Program to increase and enhance outdoor recreation facilities. Eligible projects include park acquisition and/or development/redevelopment including, internal park trails, picnic shelters, playgrounds, athletic facilities, boat accesses, fishing piers, swimming beaches and campgrounds. | Cities, counties, townships and recognized tribal governments. Project proposals must include at least one of the eligible primary outdoor recreation facilities in the Program Manual and have a total project cost of at least \$10,000. | Approximately \$850,000 in funding is available. Grants are reimbursed based up to 50 percent of the total eligible costs. The maximum grant award is \$250,000. | March 31, 2021 | http://www.dnr.state.mn.us/grants/recreation/outdoor_rec.html | Audrey Mularie, Southern Minnesota, North Metro audrey.mularie@state.mn.us or (651) 259-5549 Joe Hiller, Northern Minnesota, South Metro joe.hiller@state.mn.us or (651) 259-5538 |
| Rural Energy for America Program - Renewable Energy and Energy Efficiency - Loans | Environmental & Education | All States | USDA | Federal | USDA is offering loan guarantees for up to 75 percent of total project costs for renewable energy systems and energy efficiency improvements. Eligible renewable energy projects must incorporate commercially available technology. This includes renewable energy from wind, solar, ocean, small hydropower, hydrogen, geothermal and renewable biomass (including anaerobic digesters). Energy efficiency improvement projects eligible for REAP funding include lighting, heating, cooling, ventilation, fans, automated controls and insulation upgrades that reduce energy consumption. | Agricultural producers with at least 50% of gross income coming from agricultural operations, and small businesses in eligible rural areas. | The maximum loan amount is \$25 million, up to 75% of total project cost. | Less than \$20,000: October 31 or March 31 Unrestricted Loan: March 31 | http://www.rd.usda.gov/programs-services/rural-energy-america-program-renewable-energy-systems-energy-efficiency | Ron Omann, USDA Rural Development 375 Jackson St., Suite 410 St. Paul, MN 55101 (651)-602-7796 Ron.Omann@mn.usda.gov http://www.rd.usda.gov/mn |
| Source Water Protection: Competitive Grant Program | Groundwater | MN | MN Dept of Health | Non-Federal | Program to support source water protection for community and no transient noncommunity public water suppliers. Source water protection activities that are funded under this grant program must focus on managing or eliminating one or more potential sources of contamination that the Minnesota Department of Health has determined presents a risk to the public water supplier. | A public water supplier must meet the following conditions in order to qualify for a grant: 1) Be a community or a non-transient non-community public water supplier, and 2) the public water supplier is not currently subject to administrative penalty action by the MN Dept. of Health for violation of state or federal public water supply regulations. Although only qualifying public water suppliers may apply for a source water protection competitive grant, they may use this funding to support the work of other parties. | The total amount of funding that is available under this notice is \$75,000. An equal cost share for each work item is required for receiving a grant. Minimum grant amount of \$500. Maximum grant amount is \$10,000. | April and October of each year | https://www.health.state.mn.us/communities/environment/water/swp/grants.html | Drinking Water Protection Program Email: Health.DrinkingWater@state.mn.us (651-201-4700) |
| Contamination Investigation and RAP Development Grant | Brownfields | MN | MN Department of Employment and Economic Development | Non-Federal | Administered by DEED, this program is designed to assist communities in contamination investigation and RAP development. Similar to the Contamination Cleanup Grant, the applicant must be able to demonstrate the existence of a community supported redevelopment plan with an appropriate completion timeline. Funded activities include: site investigation (Phase I and Phase II), RAP development | Eligible applicants include cities, counties, port authorities, housing and redevelopment authorities and economic development authorities are eligible applicants. Both publicly and privately owned sites with known or suspected soil or groundwater contamination qualify. | Grants can pay for up to 75% of the costs of Phase I, Phase II investigation and/or RAP preparation. Awards cannot exceed \$50,000, and require a 25% local match. A maximum of \$500,000 per year is available for grants. 35% of funds are dedicated to projects outside the seven-county metropolitan area. | May 1 and November 1 of each year | http://mn.gov/deed/government/financial-assistance/cleanup/contamination.jsp | Kristin Lukes Director, Office of Brownfields and Redevelopment 651-259-7451 or 800-657-3858 |
| Contamination Cleanup Grant | Brownfields | MN | MN Department of Employment and Economic Development | Non-Federal | This program, administered by DEED, is designed to help communities pay for assessing and remediating contaminated sites for private or public redevelopment. Essential to this grant is the existence of a redevelopment plan supported by the community and an appropriate completion timeline. Funded activities include: Site investigation and cleanup costs necessary to implement the RAP, RAP implementation. | Eligible applicants include cities, counties, port authorities, housing and redevelopment authorities and economic development authorities. Both publicly and privately owned sites with known soil or groundwater contamination qualify. Cleanup grant applicants must have an MPCA-approved RAP. | Approximately \$4 million is available. Grants can pay for up to 75% of the costs of investigation, cleanup, and other costs necessary to implement the RAP. Awards require a 25% local match. 35% of funds are dedicated to projects outside the seven-county metropolitan area. Applications accepted May 1 and November 1 of each year | May 1 and November 1 of each year | http://mn.gov/deed/government/financial-assistance/cleanup/contamination.jsp | Kristin Lukes Director, Office of Brownfields and Redevelopment 651-259-7451 or 800-657-3858 |
| Flood Hazard Mitigation Grants | Water Quantity | MN | MN DNR | Non-Federal | Program to provide technical and financial assistance to local governmental units for conducting flood damage reduction studies and for planning and implementing flood damage reduction measures. Studies and planning projects must be done with general funds. Design and construction projects are able to be funded through state bonding. | Cities, counties, townships, watershed districts, watershed management organizations and lake improvement districts. | A maximum of 50% of total eligible project costs up to \$150,000 using general funds. Grant requests for more than \$150,000 must be approved by the Legislature. | Recommended that the completed application form be submitted to your DNR Division of Waters Area Hydrologist by June 1 of the year in which you wish to apply. Early coordination is recommended. | http://www.dnr.state.mn.us/grants/water/flood_hazard.html | Pat Lynch, Flood Damage Reduction Program Manager DNR Division of Waters (651) 259-5691 E-Mail: pat.lynch@dnr.state.mn.us |
| Partners for Fish and Wildlife Program | Natural Resources/ Habitat Protection | All States | USFWS | Federal | The Partners for Fish and Wildlife (PFW) Program is a voluntary, incentive-based program that provides direct technical assistance and financial assistance in the form of cooperative agreements to private landowners to restore and conserve fish and wildlife habitat for the benefit of federal trust resources. The PFW Program is delivered through more than 250 full-time staff, active in all 50 States and territories. Partners for Fish and Wildlife Program staff coordinate with project partners, stakeholders and other Service programs to identify geographic focus areas and develop habitat conservation priorities within these focus areas. Geographic focus areas are where the PFW Program directs resources to conserve habitat for federal trust species. Project work plans are developed strategically, in coordination with partners, and with substantial involvement from Service field staff. Projects must advance our mission, promote biological diversity, and be based upon sound scientific biological principles. Program strategic plans inform the types of projects funded under this opportunity. Applicants seeking funding under this program should review the program strategic plan and also contact the regional PFW Program office prior to submitting an application for funding. | Projects must be implemented on private lands, including tribal lands or waters owned by non-Federal or non-State entities. | Funding is generally limited to \$25,000 or less (higher amounts may be requested, but may not be awarded without appropriate justification and approval). No cost sharing or matching required. | September 30, 2021 | http://www.grants.gov/web/grants/search-grants.html?keywords=partners%20for%20fish%20and%20wildlife | Grants Management Specialist Patrick Schulze 703 358 2567 patrick_schulze@fws.gov |
| Conservation Corps Minnesota Clean Water Fund: Crew Labor | Water Quality | MN | BWSR | Non-Federal | Funds are available for Conservation Corps crew labor only for the purpose of protecting, enhancing and restoring water quality in lakes, rivers and streams and to protect groundwater and drinking water sources from degradation. Project proposals should demonstrate measurable outputs to achieve water quality objectives through the implementation of BMPs. Projects that focus on retaining water on the land through native plantings versus habitat restoration are preferred. | Counties, Cities, SWCDs, Watershed Districts and Watershed Management Organizations | \$500,000 available. No minimum match requirement. | Applications due December 15 every year | http://conservationcorps.org/clean-water-funding | Brian Miller at (651) 209-9900 ext. 19 brian.miller@conservationcorps.org |
| Clean Water State Revolving Fund - Drinking Water | Water Quality | MN | MN Public Facilities Authority (MPFA) | Non-Federal | The Clean Water State Revolving Fund, is established under the Federal Clean Water Act and state law to make loans to for point source (wastewater and stormwater) and nonpoint source water pollution control projects. The Public Facilities Authority (PFA) prepares an annual Intended Use Plan (IUP) based on a Project Priority List (PPL) developed by the MPCA. The IUP describes the projects and activities eligible for funding during the state fiscal year. | The Minnesota Department of Health is soliciting requests to place new projects on the Drinking Water Revolving Fund (DWRF) Project Priority List (PPL). Projects must be on the list to be eligible for below market rate DWRF loans to improve public drinking water systems. Typical projects include watermain, wells, water treatment plants and water towers. Funding is not for expansion of water systems to serve future growth or for fire suppression infrastructure. | Below market-rate, low-interest loans, principal-forgiveness or grants to local governments. | 6 months after Intended Use Plan is approved | https://mn.gov/deed/pfa/funds-programs/cleanwaterrevolvingfund.jsp | Contact Chad Kolstad at 651-201-3972 or chad.kolstad@state.mn.us |
| Regional Sustainable Development Partnerships | Natural Resources/ Habitat Protection | MN | University of MN Extension | Non-Federal | The Regional Sustainable Development Partnerships (RSDP) connect greater Minnesota communities to the University of Minnesota in order to help solve problems and take advantage of new opportunities. As a part of University of Minnesota Extension, RSDP brings together local talent and resources with University of Minnesota knowledge and seed funding to drive sustainability in four areas: agriculture and food systems, tourism and resilient communities, natural resources, and clean energy. | Any individual or organization. | No funding guidelines given. | Applications can be submitted at any time and are reviewed within specific application periods | http://www.extension.umn.edu/rsdp/ | Kathryn Draeger Statewide Director, Regional Sustainable Development Partnerships draeg001@umn.edu 612-625-3148 (Regional Executive Director information on website) |
| Conference and Training Support | Natural Resources/ Habitat Protection | MN | MN DNR | Non-Federal | The MN DNR is offering grants to eligible partners for hosting conferences, meetings, retreats, seminars, symposiums, workshops, training or other events. The primary purpose of these events must be providing technical information; participants will enhance their skills and knowledge for managing coastal resources and development through the course of the conference. Partners can use grant fundign to send staff, community leaders and resource managers to conferences. Events must be related to coastal management including protecting/restoring coastal habitats, increasing resilience to coastal hazards, managing public access to coasts, etc. | Cities, townships and counties within the coastal area; area-wide agencies; regional planning agencies; state agencies; non-profit organizations; colleges and universities; public school districts in the coastal area; conservation districts; port authorities; tribal governments; joint powers boards; sanitary sewer districts. | Maximum award of \$4,500, 10% match required | At this time, DNR is only reviewing requests for online training or workshops, seminars, and conferences. Applications are due at least 30 days in advance of the event. | https://www.dnr.state.mn.us/waters/lakesuperior/grants.html?utm_medium=email&utm_source=govdelivery | Cynthia Poyhonen, Grants Specialist (218) 834-1447 or Cynthia.poyhonen@state.mn.us |

| Grant Program | Category | State | Sponsor Agency/ Org | Federal/ Non-Federal | General Info | Eligibility | Level of Assistance | Application Submittal Deadline w/ Comments | Link to Website | Contact Information |
|---|------------------|------------|--|----------------------|---|---|---|---|---|---|
| Carver County Cost-Share Program | Water Quality | MN | Carver County | Non-Federal | Carver County Water Management Organization funds a cost share program to promote citizens to use innovative Best Management Practices (BMPs) to protect and restore the quality of water within the county. The goal of the program is to increase the awareness of water quality issues affecting the county and at the same time have citizens take an active role in the protection and/or restoration of the environment. In cooperation with both County Staff and Private Citizens, this program will continue the strong tradition of protecting the natural resources of this great county. | This program is available to anyone that is a citizen of Carver County, municipalities, and private businesses located within the Carver County Water Resource Management Area. Some areas of the County are located outside the CCWMO boundaries are on instead in Riley Purgatory Bluff Creek Watershed District or Lower MN River Watershed District. | The program will cover 75% of eligible costs up to a maximum reimbursement of \$5000. This is a competitive grant program, with the possibility of grant requests not obtaining funding. If the annual funding for a fiscal year is depleted, project applications for the year will be held over to the following year. These projects will be prioritized by the date in which the application was turned in. | Applications accepted all year. | https://www.co.carver.mn.us/departments/independent-agencies/soil-water-conservation-district-swcd/programs-services/cost-share-program#:~:text=Any%20land%20occupier%20including%20owner,eligible%20costs%20of%20a%20project | Terry Meiller Resource Conservationist 952-466-5230 tmeiller@co.carver.mn.us |
| Reimagining Great Lakes Water Systems | Water Quality | MN | Great Lakes Protection Fund | Non-Federal | The GLPF is looking for new ideas, new projects and new cohorts of people to catalyze a transition to a new era of water systems. Water systems are the built infrastructure, the natural landscapes, and the operating rules that govern how water moves, what moves in water and what moves on water. Improved water systems will better solve a range of problems that vex our current systems, including: reducing nutrient-driven harmful algae blooms, better handling of large rainstorms, being adaptable to changing economic and demographic conditions, and providing better value for the money GLPF will invest in them. | Eligible applicants include: non-profit organizations, universities, governmental agencies, individuals, for-profit businesses within the Great Lakes watershed area. | The average level of Fund support is \$460,000, but past awards have ranged from \$20,000 to \$1.6 million | Applications accepted all year. | http://glpf.org/get-funding/projects-wanted/ | David Rankin, Program Director 847-425-8150 |
| Brownfield Gap Financing Program | Brownfields | MN | Hennepin County | Non-Federal | Managed by Minnesota Brownfields and funded through Hennepin County's Environmental Response Fund (ERF), the Brownfield Gap Financing Program provides small grants to nonprofit developers to close gaps in project costs for environmental assessment and cleanup of property in Hennepin County. Funded activities include: Identification and, in some cases, remediation of unexpected environmental issues (such as unanticipated Phase I and II investigations or small-scale cleanup), Preparation for a larger funding request from the County's ERF | Eligible applicants for this program must be registered as a non-profit within the State of Minnesota, a community group, a government supported organization, or a government entity located within Hennepin County. Applicants must own the property, have a purchase or lease agreement in place, or have a letter of intent to purchase by the applicant from the property owner. | Typical Brownfield Gap Financing Program grants are less than \$10,000, but may be up to \$15,000. | Applications accepted all year. | http://mnbrownfields.org/our-work/brownfield-gap-financing/ | Hava Blair, Minnesota Brownfields, Program Coordinator PO Box 16244 St. Paul, MN 55116 612-513-4301 hblair@mnbrownfields.org |
| Capitol Region Watershed District (CRWD) Stewardship Grants | Water Quality | MN | Capitol Region Watershed District (CRWD) | Non-Federal | Stewardship Grants help businesses or homeowners build projects on their property that prevent stormwater pollution. Public and private landowners are eligible for technical and financial assistance to install water quality improvement best management practices (BMPs). Specifically, the program funds BMPs that reduce stormwater runoff, prevent erosion and filter pollutants. Typical BMP projects include but are not limited to: 1) rain gardens, 2) shoreline restoration, 3) water reuse systems, 4) permeable hardscapes (pavers, asphalt etc.). Stewardship Grant awards are allocated based on the water quality benefits provided by each Stormwater Best Management Practice (BMPs). Projects that capture runoff from streets (curb cut rain gardens), parking lots, or other larger impervious surfaces receive higher awards due to their higher water quality benefits. | Property owners within Capitol Region Watershed District (CRWD) are eligible for grants. | Total available grant amount is unknown. High impact projects may receive up to 95% grant in addition to free design services. | Applications accepted all year. | http://www.capitolregionwd.org/our-work/grants/stewardship-grants/ | For questions or to submit an application, please contact Joe Lochner at Ramsey County Soil & Water Conservation Division at 651-266-7273 or joseph.lochner@co.ramsey.mn.us |
| Conservation Initiative Funding Program | Water Quality | MN | Dakota County Soil & Water Conservation District | Non-Federal | The Dakota SWCD offers funding and/or technical assistance for projects that demonstrate innovative stormwater management, low impact development and/or conservation design principles. | Dakota County land owners, developers, and local units of government | \$25,000 maximum cost share to reimburse applicant for up to 75% estimated project cost | Applications accepted all year. | http://www.dakotacountyswcd.org/cif.html | Contact Dakota County SWCD (651) 480-7777 |
| Clean Water Partnership Loan Program | Water Quality | MN | MPCA | Non-Federal | The MPCA is accepting applications for water resource projects to be funded through the CWP Loan Program (approximately \$11 mill available). Application will be accepted from local governmental units (LGUs) interested in leading a project for protection or improvement of groundwater or surface water bodies from nonpoint sources. Applicants awarded loan funds may begin project work after the loan agreement is executed and project workplan is approved. No reimbursable costs may be incurred prior to execution of the loan agreement. | Only LGUs that meet the following criteria are eligible to apply for loans. • LGU has the ability to pledge its full faith and credit to ensure repayment of a project implementation loan • LGU has the authority to generate cash revenues for the repayment of a loan • LGU has the authority to enter into a loan agreement with the MPCA LGUs that meet these requirements include counties, cities, townships, tribes, watershed districts, and watershed management organizations. Joint powers organizations composed of previously mentioned entities are also eligible, but must submit a resolution from at least one LGU that meets the eligible criteria stating that they will participate in the project as a loan sponsor. Local soil and water conservation districts and other LGUs that are not eligible to serve as a loan sponsor may partner as a project sponsor with another government entity, such as a county or watershed district, which will serve as the loan sponsor. | About \$15 million in loans will be available. The maximum loan award is \$2 million. No matching funds are required. | Applications accepted all year. | https://www.pca.state.mn.us/water/financial-assistance-nonpoint-source-water-pollution-projects-clean-water-partnership-and | Cindy Penny: cynthia.penny@state.mn.us or 651-757-2099 |
| Environmental Quality Incentives Program | Water Quality | All States | USDA NRCS | Federal | The Environmental Quality Incentives Program (EQIP) is a voluntary conservation program that helps agricultural producers in a manner that promotes agricultural production and environmental quality as compatible goals. Through EQIP, agricultural producers receive financial and technical assistance to implement structural and management conservation practices that optimize environmental benefits on working agricultural land. | Agricultural producers and owners of non-industrial private forestland and Tribes are eligible to apply for EQIP. Eligible land includes cropland, rangeland, pastureland, non-industrial private forestland and other farm or ranch lands. | Submitted applications may be considered or evaluated in multiple funding pool opportunities. | EQIP applications are accepted on a continuous basis, however, NRCS establishes application "cut-off" or submission deadline dates for evaluation | https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/eqip/ | Brenda Tonn, Program Specialist Phone: 651-602-7883 Email: brenda.tonn@mn.usda.gov |
| Special Opportunity Grant Program | Water Quality | All States | Freshwater Future | Non-Federal | The Special Opportunity Grants Program (Emergency Grants) is for the aquatic habitat protection efforts that may not coincide with the application timeline or grant period for the Projects Grants Program. Freshwater Future realizes that many grassroots projects can be completed for under \$500 USD, therefore we maintain a reserve to support urgent projects or those that present a special, time-limited opportunity. Although the eligibility, overarching goal, priority program areas, and evaluation criteria are the same as the regular grants programs, Special Opportunity Grant (SOG) requests are processed differently to ensure quick turnaround. | Must be a registered non-profit organization or charity or have a sponsoring non-profit organization or charity. | Typically \$500 or less | Applications accepted all year as long as funding is available | http://freshwaterfuture.org/grants/special-opportunity-grant-program/ | Melanie Napoleon Welch melanie@freshwaterfuture.org |
| Economic Development Assistance Program | Public Works | All States | Economic Development Administration | Federal | Economic Development Assistance programs (EDAP) Notice of Funding Opportunity (NOFO), EDA will make construction, non-construction, and revolving loan fund investments under the Public Works and Economic Adjustment Assistance (EAA) Programs. Through this NOFO, EDA will also designate a portion of its EAA funding to support communities and regions that have been negatively impacted by changes in the coal economy (Assistance to Coal Communities, or ACC 2018). Grants made under these programs will leverage regional assets to support the implementation of regional economic development strategies designed to create jobs, leverage private capital, encourage economic development, and strengthen America's ability to compete in the global marketplace. Through the EDAP NOFO, EDA solicits applications from rural and urban communities to develop initiatives that advance new ideas and creative approaches to address rapidly evolving economic conditions. | City or township governments, County governments, Native American tribal organizations (other than Federally recognized tribal governments), Native American tribal governments (Federally recognized), Private institutions of higher education, Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, State governments, Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, Others (see text field entitled "Additional Information on Eligibility" for clarification), Special district governments, Public and State controlled institutions of higher education | Awards range from \$100,000 to \$3,000,000 | Applications accepted all year. | https://www.grants.gov/web/grants/view-opportunity.html?oppld=306735 | http://www.eda.gov/contact/ |
| Water & Waste Disposal Loan and Grant Program | Water/Wastewater | All States | USDA | Federal | This program provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in eligible rural areas. The project funds may be used to finance the acquisition, construction, or improvement of drinking water sourcing, treatment, storage and distribution, sewer collection, transmission, treatment, and disposal, solid waste collection, disposal and closure, stormwater collection, transmission, and disposal. | This program assists qualified applicants who are not otherwise able to obtain commercial credit on reasonable terms. Eligible applicants include: -Most state and local governmental entities -Private nonprofits -Federally-recognized tribes | Long-term, low-interest loans If funds are available, a grant may be combined with a loan if necessary to keep user costs reasonable. | Applications accepted all year. | https://www.rd.usda.gov/programs-services/water-waste-disposal-loan-grant-program | Contact Local RD State Offices: https://www.rd.usda.gov/contact-us/state-offices |

| Grant Program | Category | State | Sponsor Agency/ Org | Federal/ Non-Federal | General Info | Eligibility | Level of Assistance | Application Submittal Deadline w/ Comments | Link to Website | Contact Information |
|--|---------------------------------------|--------------------------|--|----------------------|--|---|--|---|---|--|
| RPBCWD Grants | Water Quality | MN | Riley-Purgatory-Bluff Creek Watershed District | Non-Federal | Grants are available for projects that: improve watershed resources, foster water resources stewardship, increase awareness of the vulnerability of watershed resources, increase familiarity with and acceptance of solutions to improve waters. Project examples: raingardens, pervious asphalt and pavers, shoreland and streambank restoration, volume reduction and runoff treatment practices, wetland restoration. Grant Programs: -Watershed Stewardship Grants -Action Grants -Educator Grants | Residential property owners, non-profit organizations, commercial property owners, and governments are eligible. Must be located in the Riley-Purgatory-Bluff Creek Watershed District. | Maximum Stewardship Grant Awards: Residential: \$5,000 (up to 75% of project cost) Non-profits: \$20,000 (up to 75% of project cost) Commercial and government: \$50,000 (up to 50% of project cost) Action Grant: Up to \$250 Educator Grant: \$50 to \$250 | Applications accepted all year. | http://www.rpbcwd.org/grants | Maya Swope 952-687-1348 mswope@rpbcwd.org |
| Great Lakes Protection Fund- A Call for People, Ideas, and Projects | Natural Resources/ Habitat Protection | Great Lakes Basin States | Great Lakes Protection Fund | Non-Federal | The Great Lakes Protection Fund seeks to support a suite of action-oriented projects to design, deploy, and evaluate new prototype solutions to important challenges facing our ecosystem: -Increasingly large rain events, -Under-investment in water infrastructure -Nutrient pollution and harmful algae blooms, -Threats posed by potential and existing invasive species, and -Adapting to the demographic and economic changes in our region These challenges are at the root of impairments to water quality, altered flow regimes and detrimental shifts in the ecology of the basin. The Fund believes that advances in real-time management of water, in integrating natural and built water management systems, in designing pay-for-performance financing, and in machine learning and autonomous control can be combined to create new solutions to these big challenges. | The Great Lakes Protection Fund can support a wide variety of applicants. Non-profit organizations (including environmental organizations, trade associations, and universities), governmental agencies, individuals, and for-profit businesses are eligible for Fund support. Successful applicants must maintain open access to certain project data, records and information. All applicants must show that the proposed work has clear public benefit and that any related financial benefits will accrue to the public good within the Great Lakes Basin. Government agencies must show that Fund support is not being used to replace or duplicate funds. The Fund will not support advocacy campaigns, litigation or compliance obligations. | Budget requests should reflect the full amount of funds necessary to complete the proposed work. Past awards have ranged from \$20,000 to \$1.5 million. Matching funds are not necessary. The fund will support overhead costs at a maximum of 15% of project costs. | Applications accepted all year. | http://glpf.org/get-funding/projects-wanted/ | Simon Belisle Project Development Manager 847-425-8193 startaconversation@glpf.org |
| Citizen Conservation Stewards | Water Quality | MN | Dakota County Soil & Water Conservation District | Non-Federal | Program supports smaller conservation practices on individual properties by providing technical and cost share assistance. | Dakota County property owners | Up to \$5,000 available to fund each project, up to 75% of total cost. | Applications accepted all year. | http://www.dakotacountyswcd.org/ccs.html | Contact Dakota County SWCD (651) 480-7777 |
| Metro Conservation Corridor Partnership Habitat Restoration Program | Natural Resources/ Habitat Protection | MN | MN DNR | Non-Federal | Great River Greening is seeking partners to implement habitat restoration on protected lands and waters, with priority given to projects that 1) protect and restore water quality (projects must include monitoring), 2) protect, restore, and enhance land and habitat, and 3) reduce the spread of invasive species along streams, rivers, and land transportation routes. | Partners can be counties, watershed districts, cities, non-profits and others within the 12-county metropolitan area. Projects must be within a mapped Metro Conservation Corridor | 1:1 match is suggested. \$13,800,000 approved by LCCMR | Applications accepted all year. | http://www.dnr.state.mn.us/metroconservationcorridors/index.html | For more information, please contact: Kristina Geiger, 651-917-6295 Minnesota Land Trust, kgeiger@mnland.org Bart Richardson, 651-259-5796 MnDNR, bart.richardson@state.mn.us |
| Capitol Region Watershed District (CRWD) Water Quality Planning Grants | Water Quality | MN | Capitol Region Watershed District (CRWD) | Non-Federal | Capitol Region Watershed District (CRWD) Water Quality Capital Improvement Grants provide financial assistance for feasibility and design of projects that protect and improve the water quality of waterbodies within CRWD. Typical projects funded through this program include feasibility studies and engineering services to identify, prioritize, and design capital improvement projects that include benefits to natural resources. The goals of this grant are to: -Identify innovate, cost-effective solutions for protecting and improving water quality of CRWD lakes, streams, and wetlands and the Mississippi River -Develop designs including preliminary and final plans, for water quality improvement projects -Improve our understanding of best practices to protect and improve local water resources -Build capacity for partners to accelerate on-the-ground projects that protect and improve water quality | Government agencies, public and private schools, non-profit, faith-based or religious organizations, businesses or other private property owners who are located within CRWD | The professional design is anticipated to exceed \$40,000. Projects must include identification of public educational opportunities. Projects required to meet regulations are not eligible. Typical annual funding available: \$100,000 Average grant award: \$20,000 | Applications accepted all year. | http://www.capitolregionwd.org/our-work/grants/special-grants/ | Nate Zwonitzer Nate@capitolregion.org (651) 644-8888 |
| State Cost Share Program | Water Quality | MN | Minnesota Soil & Water Conservation Districts | Non-Federal | Program assists landowners financially with the installation of soil and water conservation practices. | Contact SWCD within the Twin Cities metro area. | Cost share ranges from 50% to 75% based on water quality impacts. | Contact local SWCD. | http://www.maswcd.org/SWCDs_On_The_Web/swcds_on_the_web.htm | Contact local SWCD. |
| Watershed Pollutant Load Monitoring Network | Water Quality | MN | MPCA | Non-Federal | MPCA provides grants to collect water quality data during events when runoff is high to gauge contaminant concentrations and loads from the watershed. | Soil and water conservation districts, watershed districts, regional planning organizations, watershed management organizations, local units of government, regional government groups, joint powers boards, Minnesota colleges and universities, nonprofit organizations and American Indian Tribal governments. | Contact MPCA for funding information | Contact MPCA for partnership information | https://www.pca.state.mn.us/water/watershed-pollutant-load-monitoring | Lee Ganske, 507-344-5248 (Mankato) Patrick Baskfield, 507-344-5240 (Mankato) |
| Washington Conservation District Water Quality Cost-Share | Water Quality | MN | Washington Conservation District | Non-Federal | WCD provides small grants to land owners wishing to improve surface water quality in Washington County. Eligible practices include rainwater gardens, infiltration systems, and other innovative approaches to treat stormwater runoff at the source. | Landowners in Washington County. | Contact the WCD staff to learn what funds are available. | Contact WCD | http://www.mnwd.org/financial-assistance/ | Contact SWCD. |
| Dam Safety Grants | Water Quantity | MN | MN DNR | Non-Federal | Intent is to improve the safety and condition of publicly owned dams and water level control structures. Eligible projects include dam reconstruction, repair, and removal. | Cities, counties, townships, watershed districts | Reimbursement of costs, up to 50% for repairs, up to 100% for removals. Grants have ranged from \$25,000 to \$1,000,000 | Before filling out the application, contact your area hydrologist or Jason Boyle, State Dam Safety Engineer | https://www.dnr.state.mn.us/waters/surfacewater_section/damsafety/grants.html | Jason Boyle, State Dam Safety Engineer DNR Division of Waters (651) 259-5715 E-mail: jason.boyle@dnr.state.mn.us |
| Hazard Mitigation Grant Program (HMGP) | Water Quantity | All States | FEMA | Federal | The HMGP is a cost-share grant (75% federal/25% local) made available statewide post- disaster. Funds are made available on a state-to-state basis depending on declared disasters. Eligible applicants will be invited to develop full HMGP applications. Potential projects include: •Acquisition of repetitively damaged structures from flood-prone areas •Tornado safe rooms •Retrofit of overhead power lines •Warning Sirens - Beyond the Tornado and into the 21st Century | Currently, the Hazard Mitigation Grant Program (HMGP) has funding available to qualified communities interested in mitigating future damage from natural hazards and helping residents stay safe during severe weather. Eligible applicants include: •State and local governments •Certain private non-profit organizations and institutions •Native American tribes and authorized tribal organizations | The HMGP is a cost-share grant (75% federal/25% local) made available statewide post- disaster. \$10 million available for MN for 2020 | Contact | https://www.fema.gov/hazard-mitigation-grant-program | Contact Senior Mitigation Planner in the Mitigation Division, Risk Analysis Branch of the appropriate FEMA Regional Office. https://www.fema.gov/fema-regional-contacts |
| Advanced Assistance for HMGP Grant Program | Water Quantity | All States | FEMA | Federal | Advance Assistance (AA) is authorized by the Sandy Recovery Improvement Act, which allows advancing up to 25 percent of the HMGP ceiling or \$10 million to applicants and subapplicants, whichever is less. The purpose of AA is to provide states, Federally-recognized tribes, and territories with resources to develop mitigation strategies and obtain data to prioritize, select, and develop complete HMGP applications in a timely manner. FEMA expects applicants and subapplicants that receive AA to submit complete project applications up to or over the HMGP ceiling by the application deadline. | Currently, the Hazard Mitigation Grant Program (HMGP) has funding available to qualified communities interested in mitigating future damage from natural hazards and helping residents stay safe during severe weather. Eligible applicants include: •State and local governments •Certain private non-profit organizations and institutions •Native American tribes and authorized tribal organizations | Provides up to 25% of the HMGP ceiling or \$10 million to applicants/subapplicants (whichever is less). | Contact | https://www.fema.gov/hazard-mitigation-grant-program-resources | Contact Senior Mitigation Planner in the Mitigation Division, Risk Analysis Branch of the appropriate FEMA Regional Office. https://www.fema.gov/fema-regional-contacts |
| Hazard Mitigation Funding (Section 406) | Water Quantity | All States | FEMA | Federal | Section 406 funding Is a cost share program through the Federal Emergency Management Agency to provide funding for hazard mitigation assistance. 406 mitigation is hazard specific and only applies to disaster applicants for PA. However, there is a separate state administered program, Hazard Mitigation Grant Program - Section 404, that applies to structural and non-structural measures and is not disaster specific. Examples of 406 mitigation include relocation, slope stabilization, protection from high winds, flood proofing of buildings, flood protection of bridges and culverts, protection of utilities. | Eligible applicants include: •State and local governments •Certain private non-profit organizations and institutions •Native American tribes and authorized tribal organizations | Mitigation measures may amount to up to 15% of the total eligible cost of the eligible repair work on a particular project. Funding is non-competitive | Contact | https://www.fema.gov/95261-hazard-mitigation-funding-under-section-406-stafford-act | Contact Senior Mitigation Planner in the Mitigation Division, Risk Analysis Branch of the appropriate FEMA Regional Office. https://www.fema.gov/fema-regional-contacts |





MEMORANDUM

To: LMRWMO Board of Managers
From: Joe Barten, Dakota County SWCD
Subject: LMRWMO Grant/Project Update
Date: January 8, 2021

SUMMARY

The LMRWMO has received multiple grants from the Board of Water and Soil Resources (BWSR) via the State Clean Water Fund and Metro Watershed Based Implementation Fund (WBIF) as well as the Metropolitan Council. Below is a summary of the status of grants received since 2016.

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 was completed in 2019. 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 BWSR 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 was completed in 2017 for this grant with additional followup information provided to BWSR in 2019 and 2020. Final grant reporting and closeout was completed in 2020 with a final reimbursement from BWSR in October 2020.

IN PROGRESS GRANTS/PROJECTS

FY-2016 BWSR 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 was implemented in conjunction with Dakota County and The City of West St. Paul. Construction began in late 2018 with stormwater BMP construction in 2019. Follow-up punch list repairs were completed in 2020. The grant expired on December 31st 2020. Staff is currently finalizing administrative items, with final reporting due to BWSR at the end of March 2021.

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 bids came in well below the engineers estimates and budget. Project partners assessed options for how to utilize the remaining funds to enhance the project in 2020 but no viable options were identified. LMRWMO staff are awaiting a final reimbursement request from St. Paul. The grant expired on December 31st 2020 and final reporting will be submitted to BWSR as soon as possible.

FY-2019 BWSR Metro Watershed Based Funding

The LMRWMO was awarded \$144,670 in grant funds for the implementation of multiple education programs which include a stenciling program, 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 public and private entities. Funds are also available for a feasibility study to identify activities to improve the water quality of Lake Augusta and a feasibility study of Interstate Valley Creek to identify areas of streambank protection, weir replacement, and identification of BMPs for pollutant and volume reduction in watershed.

In 2019, lake post cards were distributed 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 was done to create a Spanish subtitled video to educate landowners on the benefits of raingardens, native gardens, and native shoreline restorations. Due to COVID, very little progress was made on these education items in 2020. The grant expires on December 31st 2021. LMRWMO staff anticipate requesting a grant extension to complete these grant items in 2021 and 2022.

FY-2021 Metro Watershed Based Funding

The LMRWMO is awaiting BWSR preliminary approval of funding for a study of direct drainage watersheds to the Mississippi River and identification of water quality improvement projects in those subwatersheds, focusing on erosion issues as well as stormwater management projects prioritized by subwatershed as well. Once approved, staff will submit a detailed work plan to BWSR for approval.

BOARD ACTION REQUESTED: None

ATTACHED: None



2020 Landscaping for Clean Water Project Summary



2020 Landscaping for Clean Water Projects

| Project ID | First | Last | City | Practice | Sq ft | Cost Est |
|------------|-------|------|------|----------|-------|----------|
|------------|-------|------|------|----------|-------|----------|

Round 1

| | | | | | | | |
|---|------------|---------|-----------|------------|---------------|-----|----------|
| 1 | 20-BNV-079 | Megan | Glass | Burnsville | Native Garden | 230 | \$464.00 |
| 2 | 20-BNV-080 | Wesley | Sparrow | Burnsville | Native Garden | 435 | \$785.00 |
| 3 | 20-BNV-056 | Alan | Marschall | Burnsville | Raingarden | 125 | \$893.00 |
| 4 | 20-BNV-057 | Dana | Eisfeld | Burnsville | Raingarden | 210 | \$996.00 |
| 5 | 20-BNV-058 | Jessica | McMahon | Burnsville | Raingarden | 125 | \$957.00 |
| 6 | 20-BNV-063 | Mike | Sershon | Burnsville | Raingarden | 104 | \$497.00 |

Round 2

| | | | | | | | |
|---|------------|--------|---------|------------|------------|-----|------------|
| 7 | 20-BNV-109 | Kathy | Conniff | Burnsville | Raingarden | 185 | \$593.00 |
| 8 | 20-BNV-113 | Kathy | Hesse | Burnsville | Raingarden | 200 | \$1,350.00 |
| 9 | 20-BNV-125 | Meghan | Dillman | Burnsville | Shoreline | 300 | \$264.00 |

1,914 \$6,799.00

| Total Projects |
|----------------|
| 9 |

| Avg. sf of Proj. |
|------------------|
| 213 |

| Average Cost |
|--------------|
| \$755 |

| Project Type | Number |
|---------------|--------|
| Raingarden | 6 |
| Native Garden | 2 |
| Shoreline | 1 |

All Projects located in the City of Burnsville

Black Dog WMO

| | |
|--|-----------------|
| Total Available WS LCW Partner Funding | \$13,500 |
| Landowner incentives | \$4,500 |
| Technical Assistance | \$9,000 |

| | |
|-------------------------|-----------|
| Grants Available | 18 |
|-------------------------|-----------|

Complete Projects

9

**2020
 Landscaping for Clean Water
 Project Summary**

**2020 Landscaping for
 Clean Water Projects**

Eagan - Inver Grove Heights WMO

Total Available WS LCW Partner Funding **\$9,000**
 Landowner incentives \$3,000
 Technical Assistance \$6,000

Grants Available 12

Complete Projects 8

| Project ID | First | Last | City | Practice | Sq ft | Cost Est |
|------------|-------|------|------|----------|-------|----------|
|------------|-------|------|------|----------|-------|----------|

Round 1

| | | | | | | | |
|---|------------|-------|---------|-------|---------------|-----|------------|
| 1 | 20-EGN-062 | Larry | Blurton | Eagan | Native Garden | 192 | \$383.00 |
| 2 | 20-EGN-059 | Tim | Smit | Eagan | Raingarden | 200 | \$1,123.00 |
| 3 | 20-EGN-060 | David | Glass | Eagan | Raingarden | 210 | \$574.00 |
| 4 | 20-EGN-061 | Jane | Tunseth | Eagan | Raingarden | 150 | \$958.00 |

Round 2

| | | | | | | | |
|---|------------|---------|---------|---------------------|---------------|-----|------------|
| 5 | 20-IGH-114 | Joe | McMahon | Inver Grove Heights | Native Garden | 500 | \$1,460.00 |
| 6 | 20-EGN-118 | Roxanne | Wilder | Eagan | Raingarden | 195 | \$792.00 |
| 7 | 20-EGN-119 | Donna | Impola | Eagan | Raingarden | 120 | \$281.00 |

Round 3

| | | | | | | | |
|---|------------|--------|--------|-------|---------------|--------------|-------------------|
| 8 | 20-EGN-121 | Gareth | Plehal | Eagan | Native Garden | 100 | \$329.00 |
| | | | | | | 1,667 | \$5,900.00 |

| Total Projects |
|----------------|
| 8 |

| Avg. sf of Proj. |
|------------------|
| 208 |

| Average Cost |
|--------------|
| \$738 |

| Project Type | Number |
|---------------|--------|
| Raingarden | 5 |
| Native Garden | 3 |

| City | Raingarden | Native Garden |
|---------------------|------------|---------------|
| Eagan | 5 | 2 |
| Inver Grove Heights | 0 | 1 |

2020 Landscaping for Clean Water Project Summary

2020 Landscaping for Clean Water Projects

Lower Mississippi River WMO

Total Available WS LCW Partner Funding \$15,000
 Landowner incentives \$5,000
 Technical Assistance \$10,000

Grants Available 20

Complete Projects **14**

| Project ID | First | Last | City | Practice | Sq ft | Cost Est |
|------------|-------|------|------|----------|-------|----------|
|------------|-------|------|------|----------|-------|----------|

Round 1

| | | | | | | | |
|---|------------|----------------|----------|---------------------|---------------|------|------------|
| 1 | 20-IGH-082 | Kim | Browning | Inver Grove Heights | Native Garden | 900 | \$800.00 |
| 2 | 20-MDH-176 | Emily | Smith | Mendota Heights | Native Garden | 1500 | \$2,112.00 |
| 3 | 20-WSP-069 | Alan and Sally | Ruvelson | West St Paul | Shoreline | 625 | \$1,003.00 |
| 4 | 20-IGH-084 | Emily | Tobias | Inver Grove Heights | Native Garden | 450 | \$431.00 |
| 5 | 20-WSP-065 | Chris & Lisa | Boerboom | West St Paul | Raingarden | 243 | \$565.00 |
| 6 | 20-SSP-066 | Crystal | Fenton | South St Paul | Raingarden | 100 | \$251.00 |
| 7 | 20-MDH-067 | Michael P. | Schaefer | Mendota Heights | Raingarden | 258 | \$1,238.00 |

Round 2

| | | | | | | | |
|----|------------|--------------|---------------|---------------------|---------------|-----|----------|
| 8 | 20-SSP-120 | Laura | Dholsgraf | South St Paul | Native Garden | 122 | \$551.00 |
| 9 | 20-MDH-124 | Susan & Rich | Lucio & Kouri | Mendota Heights | Native Garden | 126 | \$414.00 |
| 10 | 20-WSP-088 | Allison | Soderfelt | West St Paul | Native Garden | 250 | \$800.00 |
| 11 | 20-IGH-115 | Tia | Theisen | Inver Grove Heights | Raingarden | 110 | \$433.00 |
| 12 | 20-WSP-116 | Sharri | Keller | West St Paul | Raingarden | 100 | \$330.00 |

Round 3

| | | | | | | | |
|----|------------|-----------------|----------|-----------------|------------|-----|----------|
| 13 | 20-MDH-138 | Sylvia & Stella | Cuellar | Mendota Heights | Raingarden | 180 | \$903.00 |
| 14 | 20-STP-122 | Colleen | Corrigan | St Paul | Raingarden | 120 | \$543.00 |

5,084 \$10,374.00

| Total Projects |
|----------------|
| 14 |

| Avg. sf of Proj. |
|------------------|
| 363 |

| Average Cost |
|--------------|
| \$741 |

| Project Type | Number |
|---------------|--------|
| Raingarden | 7 |
| Native Garden | 6 |
| Shoreline | 1 |

| City | Raingarden | Native Garden | Shoreline |
|---------------------|------------|---------------|-----------|
| Inver Grove Heights | 1 | 2 | 0 |
| Mendota Heights | 2 | 2 | 0 |
| St Paul * | 1 | 0 | 0 |
| South St Paul | 1 | 1 | 0 |
| West St Paul | 2 | 1 | 1 |

* Completed in partnership with Ramsey County SWCD

2020 Landscaping for Clean Water Project Summary

2020 Landscaping for Clean Water Projects

Vermillion River JPO

Total Available WS LCW Partner Funding \$18,750
 Landowner incentives \$6,250
 Technical Assistance \$12,500

Grants Available 25

Complete Projects 17

| Project ID | First | Last | City | Practice | Sq ft | Cost Est |
|------------|-------|------|------|----------|-------|----------|
|------------|-------|------|------|----------|-------|----------|

Round 1

| | | | | | | | |
|----|------------|----------------------|------------|--------------|---------------|------|------------|
| 1 | 20-ROS-073 | Lisa | Campeau | Rosemount | Native Garden | 128 | \$535.00 |
| 2 | 20-ROS-074 | Anthony | Gjorvad | Rosemount | Native Garden | 240 | \$318.00 |
| 3 | 20-HAS-075 | Robert | Hawkins | Hastings | Native Garden | 280 | \$854.00 |
| 4 | 20-APV-076 | Stephanie | Rivery | Apple Valley | Native Garden | 1000 | \$1,044.00 |
| 5 | 20-LKV-077 | Julie | Sundem | Lakeville | Native Garden | 350 | \$602.00 |
| 6 | 20-ROS-078 | Michelle | Wadzinski | Rosemount | Native Garden | 140 | \$521.00 |
| 7 | 20-APV-049 | Daniel | Carlson | Apple Valley | Raingarden | 180 | \$805.00 |
| 8 | 20-APV-050 | Craig | Dorn | Apple Valley | Raingarden | 126 | \$748.00 |
| 9 | 20-APV-052 | Kevin | White | Apple Valley | Native Garden | 388 | \$760.00 |
| 10 | 20-APV-053 | Max | Chessler | Apple Valley | Raingarden | 350 | \$635.00 |
| 11 | 20-APV-054 | Mayura & Christopher | Rutherford | Lakeville | Raingarden | 150 | \$564.00 |
| 12 | 20-LKV-055 | Lori | Wilson | Lakeville | Raingarden | 135 | \$560.00 |
| 13 | 20-APV-051 | Michael & Caiti | Klein | Apple Valley | Raingarden | 200 | \$661.00 |

Round 2

| | | | | | | | |
|----|------------|-------|------------|--------------|---------------|------|------------|
| 14 | 20-APV-112 | Nupur | Agarwal | Apple Valley | Native Garden | 1200 | \$1,866.00 |
| 15 | 20-ROS-111 | Brian | Livingston | Rosemount | Raingarden | 378 | \$674.00 |

Round 3

| | | | | | | | |
|----|------------|---------|--------|-----------|------------|-----|----------|
| 16 | 20-LKV-153 | Jane | Koenig | Lakeville | Raingarden | 132 | \$516.00 |
| 17 | 20-LKV-110 | Heather | Kurata | Lakeville | Raingarden | 100 | \$600.00 |

5,477 \$12,263.00

| Total Projects |
|----------------|
| 17 |

| Avg. sf of Proj. |
|------------------|
| 322 |

| Average Cost |
|--------------|
| \$721 |

| Project Type | Number |
|---------------|--------|
| Raingarden | 9 |
| Native Garden | 8 |

| City | Raingarden | Native Garden |
|--------------|------------|---------------|
| Apple Valley | 4 | 3 |
| Hastings | 0 | 1 |
| Lakeville | 4 | 1 |
| Rosemount | 1 | 3 |

2020 Landscaping for Clean Water Project Summary

2020 Landscaping for Clean Water Projects

Lower Minnesota River

| | |
|--|---------|
| Total Available WS LCW Partner Funding | \$4,500 |
| Landowner incentives | \$1,500 |
| Technical Assistance | \$3,000 |

| | | |
|------------------|--|---|
| Grants Available | | 6 |
|------------------|--|---|

| | |
|-------------------|---|
| Complete Projects | 1 |
|-------------------|---|

| Project ID | First | Last | City | Practice | Sq ft | Cost Est |
|------------|-------|------|------|----------|-------|----------|
|------------|-------|------|------|----------|-------|----------|

Round 2

| | | | | | | | |
|---|------------|----------|--------|------------|---------------|-----|------------|
| 1 | 20-BNV-117 | Jennifer | Zepeda | Burnsville | Native Garden | 756 | \$1,815.00 |
|---|------------|----------|--------|------------|---------------|-----|------------|



2020 Landscaping for Clean Water Project Summary



2020 Landscaping for Clean Water Projects

| Project ID | First | Last | City | Practice | Sq ft | Cost Est |
|------------|-------|------|------|----------|-------|----------|
|------------|-------|------|------|----------|-------|----------|

North Cannon River

| | |
|--|---------|
| Total Available WS LCW Partner Funding | \$2,250 |
| Landowner incentives | \$750 |
| Technical Assistance | \$1,500 |

| | |
|-------------------------|----------|
| Grants Available | 3 |
|-------------------------|----------|

Round 3

| | | | | | | | |
|---|------------|--------|---------|------------|------------|-----|----------|
| 1 | 20-GRN-152 | Robert | Mathews | Northfield | Raingarden | 400 | \$823.00 |
|---|------------|--------|---------|------------|------------|-----|----------|

Complete Projects

| |
|---|
| 1 |
|---|

Request for Off-Cycle Waterbody Assessment

[Requestor will submit this request through their MPCA Project Manager to the MPCA Assessment Consistency Technical Team to develop a recommendation to the Assessment Policy Group for final decision.]

List the individual waters involved in this request by name and waterbody ID (e.g. Lake Calhoun 27-0027).

Sunfish Lake, 19-0050-00, aquatic recreation use opt-in assessment

Describe the new monitoring results (since the last assessment cycle) in EQuIS and the Biological Database that are available to make new use support assessments. If your data comes from an external data source, explicitly describe the dataset (date range, parameters, what system it is in, etc.).

Water monitoring activities on Sunfish Lake have been undertaken by volunteers participating in Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) since 2006. Volunteers monitor at the deepest point of Sunfish Lake on a regular basis from mid-April through mid-October (every two weeks is most common). Volunteers collect a surface water sample (analyzed for total phosphorus and chlorophyll-a), measure water temperature and clarity, and report weather and lake conditions. The Lower Mississippi River Watershed Management Organization (LMRWMO) conducted an alum treatment on Sunfish Lake in 2017 to reduce lake phosphorus levels and improve water quality. Since the alum treatment, water monitoring has shown significant improvements to total phosphorus, chlorophyll a, and secchi depth. LMRWMO staff believe the data shows enough improvement to potentially remove the lake from the list of MN impaired waters. *All data through 2017 has been submitted to EQuIS. Data from 2018 to 2020 is stored in Met Council's Environmental Information Management System (EIMS) database.*

Data from sampling taken by Barr Engineering from single dates in 2016 and 2017 are included as well.

Given the considerable additional staff resources that will be required, why is it now necessary to make an official assessment of these waters outside of the established assessment cycle?

Based on recent monitoring results after the 2017 in-lake aluminum sulfate treatment, this lake is highly likely to be a potential delisting candidate.

Timeline: when will the data be in EQUIS and finalized, and when are you requesting the assessment be made? (Assessments are regularly done between February and April.)

The Metropolitan Council controls the submission of data to EQUIS and therefore is responsible for the data availability.

If not during the normal assessment window (Feb-April), please document the necessity for this alternately timed assessment.

There is no guarantee that this can be met; it will depend on supervisor approval of required staff.

Requestor: Joe Barten - Lower Mississippi River WMO/ Dakota County SWCD, Jordan Donatell
MPCA Project Manager

PCA Section/Unit: South Watershed Section, East Central Watershed Unit

Unit Supervisor: Brian Livingston