



Please note the meeting will be held in person at the Carver County Government Center on the Wednesday, January 17, 2024. The meeting will also be available virtually using this [link](#).

# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Lower Minnesota River Watershed District

7:00 PM

Wednesday, January 17, 2024

Carver County Government Center

602 East Fourth Street, Chaska, MN 55318

Agenda Item	Discussion
1. Call to order	A. Oath of Office for Nathan Dull B. Roll Call
2. Citizen Forum	<i>Citizens may address the Board of Managers about any item not contained on the regular agenda. A maximum of 15 minutes is allowed for the Forum. If the full 15 So are not needed for the Forum, the Board will continue with the agenda. The Board will take no official action on items discussed at the Forum, with the exception of referral to staff or a Board Committee for a recommendation to be brought back to the Board for discussion or action at a future meeting.</i>
3. Approval of Agenda	A. Additions, Corrections, and Deletions to Agenda
4. Public Hearings & Presentations	A. Presentation by Minnesota River Collaborative
5. Consent Agenda	<p><i>All items listed under the consent agenda are routine by the Board of Managers and will be enacted by one motion and an affirmative vote of a majority of the members present. There will be no separate discussion of these items unless a Board Member or citizen request, in which event, the items will be removed from the consent agenda and considered as a separate item in its normal sequence on the agenda.</i></p> A. Approve Minutes December 20, 2023 Regular Meeting B. Receive and file December 2023 Financial Report C. Approval of Invoices for payment <ul style="list-style-type: none"> <li>i. Clifton Larson Allen (CLA) – Financial services through December 2023</li> <li>ii. Rinke Noonan, Attorneys at Law – December 2023 Legal Services</li> <li>iii. Daniel Hron – February 2024 office rent</li> <li>iv. US Bank Equipment Finance – January 2024 copier lease payment</li> <li>v. Young Environmental Consulting Group, LLC – December 2023 technical, and Education &amp; Outreach services</li> <li>vi. Naiad Consulting, LLC – December 2023 administrative services, mileage &amp; expenses</li> <li>vii. Carver County WMO – 2023 sample season monitoring and education services</li> <li>viii. Star Tribune – publish notice of public hearing to certify tax levies and adopt final budget</li> <li>ix. Dakota County Soil &amp; Water Conservation District – Q4 2023 monitoring, technical assistance &amp; education</li> </ul>

	<ul style="list-style-type: none"> <li>x. City of Carver – request for reimbursement for Carver Levee Cost Share</li> <li>xi. Bolton &amp; Menk – November 2023 services related to Vernon Avenue</li> <li>xii. WSB – November 2023 services related to property acquisition for Area #3</li> <li>xiii. 4M Fund – November 2023 Bank service charges</li> </ul> <ul style="list-style-type: none"> <li>D. Designation of 2024 Official newspaper</li> <li>E. Designation of Official Depository</li> <li>F. Designation of Data Practices Compliance Official</li> <li>G. Receive update to Administrative Services rates and authorize approval of additional hours from 2023</li> <li>H. Accept final report from Cost Share Project at 11115 Normandale Boulevard, Bloomington and authorize reimbursement</li> <li>I. Authorize reimbursement to Carver County for Chaska Creek Re-meander Project</li> </ul>
6. Permits	<ul style="list-style-type: none"> <li>A. LMRWD Permit Renewals</li> <li>B. CenterPoint Pipeline Abandonment (LMRWD No. 2023-026)</li> <li>C. 535 Lakota Lane, Chanhassen – work without a permit</li> <li>D. LMRWD Permit Program Summary</li> </ul>
7. Action Items	<ul style="list-style-type: none"> <li>A. Biennial Solicitation of Interest Proposals for Legal, Technical consultant services and Education &amp; Outreach services</li> <li>B. Area #3 <ul style="list-style-type: none"> <li>- <u>The Board of Managers may close the meeting pursuant to statutes section 13D.05, subd. 3.c.3, to discuss the purchase an easement or fee ownership interest of a portion of property located in Eden Prairie, Hennepin County PID #3511622230013</u></li> </ul> </li> </ul>
8. Reports on Standing Business Items	<ul style="list-style-type: none"> <li>A. Dredge Management <ul style="list-style-type: none"> <li>- Sale of Private Dredge Material</li> <li>- Dredging at the mouth of the River</li> <li>- Private Dredge Material Placement</li> <li>- Vernon Avenue Rehabilitation and Culvert Replacement Project</li> </ul> </li> <li>B. Watershed Management Plan – no new information to report</li> <li>C. Lower MN River East One Watershed One Plan <ul style="list-style-type: none"> <li>- Review of draft Memorandum of Understanding</li> <li>- Review of Draft 1W1P</li> </ul> </li> </ul>
9. Old Business	<ul style="list-style-type: none"> <li>A. 2022 Financial Audit</li> <li>B. 2024 Legislative Action</li> <li>C. Education &amp; Outreach</li> </ul>
10. Board Discussion Items	<ul style="list-style-type: none"> <li>A. MPCA Lower Minnesota River Watershed Surface Water Monitoring Request Guidance</li> </ul>
11. Communications	<ul style="list-style-type: none"> <li>B. Administrator Report</li> <li>C. President</li> <li>D. Managers</li> <li>E. Committees</li> <li>F. Legal Counsel</li> <li>F. Engineer</li> </ul>
12. Adjourn	Next meeting of the LMRWD Board of Managers is 7:00 pm Wednesday, February 21, 2024.



## Upcoming meetings/Events

*Managers are invited to attend any of these meetings. Most are free of charge and if not the LMRWD will reimburse registration fees.*

- Metro MN Watersheds – Tuesday, January 16, 2024, via Zoom
- Lower MN River East 1W1P Advisory Committee meeting – cancelled
- Lower MN River East 1W1P Steering Committee meeting – Wednesday, January 17, 2024, 10:00 am to 1:00 pm – [virtual only \(MS Teams\)](#)
- UMWA (Upper Mississippi Waterway Association) monthly meeting – Thursday, January 18, 2024, 11:30 pm - [virtual only \(Zoom\)](#)
- Lower MN River East 1W1P Policy Committee – Thursday, January 17, 2024, 3:00pm to 5:00pm, hybrid, in-person at LeSueur County SWCD offices, 181 W Minnesota Street, Le Center, MN, or [virtual \(MS Teams\)](#)
- Lower Minnesota River Watershed Assessment – Wednesday, January 31, 2024, 2:00 to 4:00, [virtual \(MS Teams\)](#)
- LMRWD Citizen Advisory Committee meeting – Tuesday, February 2, 2023, 4:30pm, virtual
- [County Drainage Conference](#) – February 7 & 8, Arrowwood Resort, Alexandria, MN

## For Information Only

- **WCA Notices**
  - None
- **DNR Public Waters Work permits**
  - Hennepin County – Bloomington - permit issued for sediment removal and intake/outfall structure, Tarnhill Pond maintenance
  - Dakota County – request for comments on After the Fact permit application for temporary bridge installation related to MN Greenway trail construction
- **DNR Water Appropriation permits**
  - None



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

**Item 4. A. – Presentation by Len Kremer**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

At the December Board of Manager meeting the Board received and filed a request from Mr. Len Kremer to make a presentation to the Board at its January 2024 meeting. Mr. Kremer will be present at the January Board meeting along with others from the Minnesota River Collaborative to make a presentation detailing work they have been engaged in.

The presentation has been provided to the LMRWD and is attached for the Board's information. Additional information provided by the Collaborative is also attached.

### **Attachments**

Additional Information from the Minnesota River Collaborative  
PDF of the Power Point

### **Recommended Action**

No action recommended

## **Additional Information**

### **Brief Resume of Speakers**

Len Kremer

Lori Cox

Suzanne Jiwani

### **Related Topics**

Minnesota River Watershed Drainage Collaborative

Cumulative Effect of Agricultural Land Use and Artificial Drainage

Economic Impacts of Minnesota River Watershed Hydrologic Change

Lower Minnesota River Watershed Unique Resources

Testimony on Behalf of S.F. 3044, Scott Sparlin-Water Storage Legislation

### **News Articles**

“Restoration work to prevent river flooding at Minnesota Valley National Wildlife Refuge”.

“Gulf of Mexico ‘dead zone’ predicted to be twice the size of national goal. Again”

“America’s largest water highway is in trouble, ominous for Midwest grain farmers”.

**Len Kremer**

Consulting Water Resources Engineer, 1968-2018

Vice President, Senior Water Resources Engineer

Directed Preparation of Flood Insurance Studies for 75 Cities and Counties in Minnesota, North Dakota

Technical Advisor to Bassett Creek Water Management Commission, 1975-2017

Directed Design of the First Corps of Engineers Urban Flood Control Project for City of Minneapolis

Technical Advisor to the MDNR on the Reserve Mining Tailings Disposal Litigation

Technical Director, Hennepin County Solid Waste Disposal, EIS, 2008-2010

Water Resource Technical Advisor, Minnetonka, Lakeville, Minneapolis, Golden Valley

Citizens Advisory Committee, Minnesota River Total Suspended Solids, Total Maximum Daily Load Study, MPCA 2012-2015

Minnesota River Collaborative 2018-Present

Technical Review of Agricultural Drainage Improvement Projects

Planning of Storage Alternatives for Agricultural Drainage Improvement Projects

Technical Advisory Committee Member of BWSR Drainage Work Group

Lower Minnesota River Watershed District, 2003-2016

LMRWD President

Izzak Walton League Minnesota Division, 1968-Present

**Lori D. Cox**

Owner/Operator Roots Return Heritage Farm LLC (MN) 2014-present

Diversified organic practices food farm (fruit, veg, herb)

Land and crop access leasing to new/emerging and BIPOC food farmers

Legislative Advocate for new/emerging farmers/natural farming systems/environment/human health

Panel and Conference Speaker, Consultant

Sr. Technical PM, Corporate Consultant 1996-2012

Royal Bank of Canada/Dain Rauscher (MN & WA)

J.P. Morgan Chase/Washington Mutual (WA)

ING Capital/Sharebuilder Corporation (WA)

Revel Consulting (WA)

Landscape Office Manager/Salesperson

The Nature Group 1995-1996

B.A Political Science, minor History 1994 – University of Minnesota

Board of Water and Soil Resources (BWSR) Citizen Representative – Board Director 2023-present

MN Ag Water Quality Certification Program - Advisory Board (MDA) 2019-present

MN Institute for Sustainable Agriculture (MISA) at UMN – Board Director 2019-present

Carver County Water Management Organization - Advisory Board 2019-present

Minnesota River Collaborative Member 2022-Present

Climate Land Leaders Member 2022-present

Carver County SWCD Outstanding Conservationist Award 2017

NACD Soil Champions Network

UMN CFANS Mentor, Volunteer

UMN Scholarships Donor (Undergrad and Grad)

UMN Bee Lab Sponsor

## **Suzanne Jiwani**

### Minnesota Department of Natural Resources, Floodplain Mapping Engineer 2001-2023

Updated NFIP floodplain mapping and supporting technical data for 90% of Minnesota

Secured \$8 million in FEMA grants for updated flood mapping and manage grants

Establish risk-based priorities for statewide floodplain mapping and strategies for implementation

Provide technical expertise in hydraulic and hydrologic analysis and modeling, including management of the work of advance professional staff

### Barr Engineering, Water Resources Engineer 1975-2001

Prepare hydraulic/hydrologic engineering flood studies for Minnesota and North Dakota

Prepare dam failure hydraulic/hydrologic analyses in Minnesota and Wisconsin

Managed projects to clean up groundwater contaminated by industrial waste

### Education/Certification

Master of Science in Water Resource Engineering, Colorado State University 1981

Bachelor of Science in Civil Engineering, University of Minnesota 1976

Professional Engineer, State of Minnesota

### Awards/Recognitions

Member, Minnehaha Creek Watershed District Citizens Advisory Committee

Member, Isaak Walton League

Larry Larson Meritorious Lifetime Achievement in Floodplain Management Award, Association of State Flood Plain Managers

Dave Ford Award, University of Minnesota Water Resource Center

Flood Plain Manger of the Year, Minnesota Association of Floodplain Managers

Young Engineer of the Year, Minnesota Federation of Engineering, Science and Technologies Society

Three-term Member, FEMA Technical Mapping Advisory Council

Past President, Minnesota Society of Professional Engineers

## **MINNESOTA RIVER WATERSHED DRAINAGE COLLABORATIVE**

Minnesota is renowned for its northern lakes and streams. A couple of generations ago, a legendary beer jingle celebrated Minnesota as “The Land of Sky Blue Waters.” Yet, southern Minnesota waters are troubled.

The namesake feature of the state is the Minnesota River. Its watershed dominates the southern part of the state. Despite a gubernatorial promise, the advisories are still: “Do not drink from or swim in the River”, “watch out” if you expect to eat the fish you might catch. The Minnesota River is prone to recurring floods, some of biblical proportions, its waters are impaired---polluted, it carries vast quantities of sediment threatening to fill in downstream areas including Lake Pepin, it is a significant contributor to the hypoxia conditions at the Gulf of Mexico. A drumbeat of reports detail and document these and other problems and adverse effects of the Minnesota River.

Many have labored to address the water conditions in the Minnesota River basin. They range from a discontinued multi-county Joint Powers Board to current periodic River Congresses to groups like the Coalition for a Clean Minnesota River (CCMR), Clean Up the River Environment (CURE), Friends of the Minnesota Valley, Minnesota Center for Environmental Advocacy, and various wildlife and conservation organizations. Several government agencies, ag organizations and many individuals have put their shoulders to the wheel in the efforts to address and improve water management and water quality.

The MN River Collaborative is continuation of these efforts, building on a collaborative initiated by the Minnesota Center for Environmental Advocacy, the Minnesota Conservation Federation, the Fish & Wildlife Alliance, the Coalition for a Clean Minnesota River, Clean Up the River Environment, the New Ulm Area Sportfishermen, the Izaak Walton League and others, including volunteer scientists, affected landowners, and concerned individuals. Over the years, these groups and others have cooperatively and separately reviewed many diverse projects including increased drainage, assessed the risk of harmful impact, participated in drainage proceedings, and in some instances litigated decisions to undertake projects that violated the law. Many of these efforts resulted in favorable outcomes or negotiated settlements. In 2017, the collaborative examined a proposed drainage project in Waseca County which remains under review.

About five years ago the Izaak Walton League with others begin examining all new drainage improvement projects in the Minnesota River watershed. It obtained key documents: petitions for projects, engineering reports, comments from interested parties, and advisory letters from the Minnesota Department of Natural Resources (DNR). This became part of the Izaak Walton League's Upper Mississippi River Initiative (UMRI). This effort grew, expanded to continue the efforts of the collaborative previously summarized, and included volunteer civil engineers, lawyers, conservation activists, government agency retirees, and additional organizations. UMRI provided financial support for a part-time staff intern and expenses.

The vision for action expanded. Initially it focused on obtaining information on new drainage projects. It placed this information in a publicly available spreadsheet or matrix and looked at planned projects impact on downstream areas, especially flooding, habitat, water quality, and sedimentation. Continuing activities have ranged from critically commenting on drainage improvement projects in public hearings required by the Minnesota Drainage Code, to requesting environmental assessment worksheets, to seeking working relationships with groups like the Soil Health Coalition, to working with farmers and landowners, to consulting with the DNR, to seeking out other potentially interested organizations, to

participating in the Minnesota Drainage Working Group, to proposing legislation, to supporting litigation, and to encouraging funding of water storage to avoid the adverse effects from drainage projects. It has been open to any interested party, operated informally by consensus with informal direction and good faith collaboration.

This collaborative effort can be an effective, efficient path forward. By capitalizing on volunteer energy and expertise, it minimizes costs and avoids the redundancy and slippage of multiple organizations. Still, even this volunteer-driven effort requires financial resources to provide logistical support and to fairly compensate those who are not securely retired. At this time participating groups and individuals are exploring how best to maintain and finance the effort. Broad support will be important if we are to achieve shared objectives.

A modest proposal for future efforts is to continue to make key decisions in the larger collaborative setting and to have different groups and individuals take leadership for various areas of activity:

- Collect basic information on drainage and other water management projects with a focus on the Minnesota River watershed,
- Identify projects of concern,
- Promote and participate in educational and other outreach programs with public agencies and with landowners seeking drainage,
- Develop and advance legislative proposals and participate in policy making activity,
- Coordinate fundraising efforts,
- Serve as a fiscal agent,
- Maintain publicity and media outreach,
- Provide gentle leadership to keep collaborative effort organized and forward looking.

Again, active individuals and groups should continue to make key decisions in an inclusive, collaborative setting. Participation should be open to others who share the same vision. Each group is free to do its own fundraising and to determine what financial or staff support to provide to the collaborative efforts.

Decisions should be made by good-faith consensus. This means taking the time to listen to one another. It means seeking unanimity. It means that after having had a full opportunity for discussion, those who may disagree with a clear majority would recognize that the others will proceed.

A name for the effort is beyond the scope of this memorandum. A possibility is: "Minnesota River Collaborative."

DM 12/5/22



## **Cumulative Effects of Agricultural Land Use and Artificial Drainage**

In the last 50 years the hydrology of the Minnesota River watershed has changed dramatically. The mean discharge at Jordon has doubled from 3100 cubic feet per second (cfs) for the period 1936 through 1977 to more than 6000 cfs for the period 1978 through 2007. There has also been a threefold increase in rare and extreme flows. This change in the hydrology has been shown to principally be the result of the conversion of agricultural production from small grains and forage crops to soybeans and the more intense artificial drainage associated with the conversion.

Flow duration curves at Jordon show that frequent channel forming flows have changed significantly. During the period 1934 through 1949, a discharge of 1000 cfs was exceeded only 5 percent of the time, for the period after 1949, 1000 cfs was exceeded more than 20 percent of the time. The same is true for many of the tributaries of the Minnesota River. This change in the hydrology has been shown to principally be the result of the conversion of agricultural production from small grains and forage crops to soybeans and the more intense artificial drainage associated with the conversion.

Based on MPCA data sediment loads from the Minnesota River watershed to the Mississippi River have more than doubled over the period 1980 through 2005 from approximately 0.6 million tons per year to approximately 1.2 million tons per year. Recent studies have determined that the principal causes of the increased sediment loading have been due to the cumulative effect of artificial drainage associated with the land use changes in the watershed.

According to research conducted by the MPCA as part of the South Metro TMDL Lake Pepin is expected to be filled with sediment in 340 years at the current deposition rate. Lake Pepin is filling at ten times its natural rate. The MPCA research found that it would have taken 4000 years to fill the lake with the sediment deposition rate that existed in the 1970's. The Minnesota River contributes 85% of the sediment load.

Mississippi River flow from Minnesota is responsible for a portion of the nutrients that have created the hypoxia zone in the Gulf of Mexico. The contributing states have set goals to lower both phosphorus and nitrates in Mississippi River flow to reduce the extent of the hypoxia zone. Minnesota proposed a 20 percent reduction in the nitrate load from Minnesota by 2025. However, nitrate loads are greater because agricultural acreage and runoff from drain tile have increased. The Minnesota River is the major source of nitrate loads in Mississippi River flows.

With increasing sediment loads, phosphorus loading to Lake Pepin has increased by more than seven times the natural rate. Lake water phosphorus concentrations have increased from about 50 parts per

billion to 200 ppb, making Lake Pepin highly eutrophic. The high nutrient loads have resulted in prolific algae growth which has reduced dissolved oxygen and resulted in fish kills.

An extensive riverbank armoring project has recently been completed by the City of Mankato to stop erosion of the banks of the river and protect municipal infrastructure. A similar riverbank armoring project is proposed by the City of Savage to protect a future city park from riverbank erosion. The severe bank erosion has been caused by increased discharge, the threefold increase in rare and extreme flows and the longer duration of channel forming flows.

Developed communities and public facilities throughout the watershed have determined that new flood control efforts will be needed to protect infrastructure and development from increased river flows and the increased duration of flooding. The increased flows have also created a need for reinforcement of municipal flood control projects constructed in the past in order to provide continued protection. The City of Carver is currently modifying its flood control project to provide additional protection.

Increased sediment deposition in Pool 2 of the Mississippi River navigation channel that results from increased bank erosion has impeded downstream commercial river borne shipping and recreational boating. Dredging of the navigation channel has been limited in the last several years because of a lack of dredge spoil disposal locations which has required that the size of barge tows to be reduced increasing the cost of shipping.

Many once successful agricultural production facilities in the vicinity of the rivers in the watershed are currently subject to frequent crop losses due to flooding. A family farm in the vicinity of Jordan has been farming about 1000 acres for more than 100 years. In the first 50 years they lost their crop due to flooding once and in the next 50 years they lost their crops due to flooding more than 40 times. Since they can no longer purchase crop insurance, they no longer farm the land.

There have been suggestions that these increases in runoff and river flows have been due to increased precipitation, but that assertion has been proven to be insignificant by many investigations including by the MPCA, Belmont, Schottler and many others. Their research has shown that the change in water yield, the percentage of rainfall that runs off and is tributary to the river has more than tripled from 7 percent in the 1930's to over 20 percent at the present time.

## **Economic Impacts of Minnesota River Watersheds Hydrologic Change**

- The cost to implement the proposed sediment reduction strategy for the Minnesota River Watershed to meet Minnesota's water quality standards for the river.
- The gradual loss of the recreational and scenic value of Lake Pepin and its impact on local business.
- Flood damages resulting from higher and more frequent peak discharges and runoff volume due to agricultural drainage and more intense land use.
- Increased dredging and dredge disposal costs for maintaining the Mississippi and Minnesota River navigation channel.
- Dredging of marinas and barge fleeting areas along the Minnesota and Mississippi River Navigation channel and dredging for access to the navigation channel and dredge disposal costs.
- Costs to upgrade the several flood damage reduction projects along the Minnesota River.
- The lost recreational value of the Minnesota River due to the loss of fisheries habitat.
- Increased cost of maintaining flood prone public recreational facilities in flood plain areas.
- The lost recreational value of flood plain lakes along the Minnesota River due to sediment deposition.

-The lost recreational value of flood plain lakes along the Minnesota River due to sediment deposition.

-Increased flood damage due to higher flood levels and longer duration of flooding because sediment deposition in overbank floodplain areas reduced conveyance.

-The cost of riverbank protection programs such as the Mankato and Shakopee projects to protect public infrastructure.

-The cost of upgrades to protect public infrastructure such as waste-water treatment facilities, roadways and bridges from higher flood levels and longer duration of flooding.

-The cost of new water treatment facilities for cities with nitrate contaminated groundwater supplies.

-The value of crop losses on agricultural properties along the Minnesota River and tributaries due to more frequent flooding.

-Decreased property values due to more frequent and longer duration of flooding.

-Damage to private properties along the rivers and tributaries due to bank scour caused by increased peak discharge, more frequent flood flows and longer duration of frequent discharges.

-The cost to protect private properties along the river and its tributaries from bank scour and bank failures.

# **LOWER MINNESOTA RIVER WATERSHED DISTRICT**

## **Unique Resources**

### **1. Minnesota Valley National Wildlife Refuge**

- 14,000 Acre Wildlife Refuge
- 2 Visitor and Education Centers
- Bass Ponds and Trout Stream

### **2. Fort Snelling State Park**

- 2930 Acre Park at Junction of Minnesota and Mississippi Rivers

### **3. Minnesota Valley State Trail**

- State Trail, Fort Snelling to LeSueur

### **4. Savage Fen Wetland Complex**

- 425 Acres Wetlands
- 64 Acres Calcareous Fen

### **5. Eagle Creek**

- Naturally Reproducing Brown Trout Fishery

### **6. Boiling Springs**

- Artesian Spring at Eagle Creek Headwaters

### **7. Nichols Fen**

- 7 acre Calcareous Fen

### **8. Courthouse Lake**

- Rainbow, Brook, Brown, Lake Trout Stocking

### **9. Assumption Creek**

- Naturally Reproducing Brook Trout

### **10. Seminary Fen**

- 600+ acre Wetland Complex
- 64 Acre Calcareous Fen
- Highest Quality Calcareous Fen in Metro Area

### **11. Floodplain Lakes**

- Rice, Grass, Fischer, Coleman, and Nine Mile Lakes

Minnesota State Senate 3-8-22  
Environment and Natural Resources Finance Committee  
Testimony on behalf of **S.F. 3044**

Chair Senator Ingebrigtsen and Committee Members,

My name is Scott Sparlin, I am the Coordinator/Facilitator for the Minnesota River Congress and the Executive Director of the Coalition for a Clean Minnesota River. This is my 33<sup>rd</sup> year working on Minnesota River Watershed issues.

We have reached a water management crisis in Minnesota, certainly not limited to anywhere in the state, but especially evident in the Minnesota River Watershed. Due to land use practices both urban and rural we have now reached the point that if we do not begin to both temporarily and permanently store more water, we will continue to experience increased collective, infrastructural, societal, and business losses at an unacceptable rate putting many Minnesotans at risk. Exacerbating this condition is the climatic trend and future prediction of increased rainfalls in short periods of time. The combination of all these factors leads first to small and medium sized tributary streambank erosion. Then the dislodged sediments combined with the increased rate flows enable even more sediments and nutrients to be delivered to our lakes, major tributaries, and main stems where they then flow downstream to the Mississippi River, Lake Pepin and ultimately the Gulf of Mexico.

We are a water blessed state and the time to invest in a major water storage initiative is upon us. The compelling data concerning the need, especially in the Minnesota River Basin, has been thoroughly studied and is well documented. The fact is, most of society has observed and intuitively known this for a long time. We have engineered ourselves into this condition and we also have the technical knowhow to mitigate it. We now need the commitment, and the significant financial resources, to accomplish the goal. In many cases our government (all of us) paid to create the challenges we are faced with. The time is now for all of us to come together for the greater good of future generations of Minnesotans and those downstream. This is not an investment we can ignore, or we will pay much higher prices in short years to come.

It is our belief that we need specifically targeted temporary and permanent water storage funds to be directed to the implementors such as Soil and Water Conservation Districts, Watershed Districts and participating willing landowners.

### **Scientific Background**

Extensive scientific data collected over decades shows clearly that we need to put more water storage on the landscape. Additional water storage will protect infrastructure and improve water quality. Diverse water storage practices, such as replacing historically drained lakes and

wetlands and increasing soil health, will all help to achieve this goal. The climatic trend and future prediction of increased rainfalls in short periods of time will only exacerbate the issue.

The Minnesota River Congress is using the Collaborative for Sediment Source Reduction (CSSR) and Management Options Simulation Model (MOSM) study recommendations in conjunction with the rich datasets available through state agency monitoring, assessment and conservation targeting (WRAPS, TMDLS, 1W1P) to support the case for the need for more water storage. We have enlisted researchers at state agencies and elsewhere who have completed studies to help provide data and documentation (e.g. Patrick Belmont, Karen Gran, Chris Lenhart, Peter Wilcock and numerous others).

After over 3 years and 25 basin-wide meetings attended by a diverse cross section of the population, it has become very apparent that any way water storage in any form can be accomplished is of the utmost priority. Over and over from every part of the basin we heard water storage has to be addressed if we are going to be serious about protecting our infrastructure and improving our surface water. The good news is it can be achieved without adversely affecting agri-business or community development. We simply need it to be realistically funded to the degree it needs to be effective. It already has been prioritized by the implementers. We have written support from numerous entities supporting our efforts to see this come to fruition. Here is a daily growing list of support.

City of Henderson (signed endorsement and resolution)  
City of Granite Falls (signed endorsement and resolution)  
City of Eden Prairie (signed resolution)  
City of Arlington (signed endorsement)  
City of Amboy (signed endorsement)  
City of New Ulm (signed resolution)  
City of Mankato (signed resolution)  
City of Olivia (signed endorsement)  
City of Nicollet (signed endorsement and resolution)  
City of Redwood Falls (signed resolution)  
City of Springfield (signed resolution and indorsement)  
City of St. Peter (signed endorsement)  
City of Winthrop (signed resolution and endorsement)  
City of LeSueur (signed resolution and endorsement)  
Minnesota Association of Watershed Districts (resolution passed and signed)  
Lower Minnesota River Watershed District (resolution passed and signed)  
Izaak Walton League MN State Chapter (resolution passed)  
Lake Pepin Legacy Alliance (signed endorsement and resolution)  
Brown County SWCD (signed endorsement)  
Blue Earth County SWCD (signed endorsement)  
Martin County SWCD (signed endorsement)  
Faribault County SWCD (signed resolution)  
Cottonwood County SWCD (signed endorsement)  
McCloud County SWCD (verbal endorsement)

Nicollet Conservation Club (signed endorsement)  
MASWCD (relative resolution)  
Area 6 SWCD (11 Counties) (in principle)  
Area 5 SWCD (10 Counties) (in principle)  
Friends of Pool 2 (signed endorsement)  
Crystal Waters Project (signed endorsement)  
Minnesota River Congress (signed endorsement)  
New Ulm Area Sport Fishermen (signed endorsement)  
Rural Advantage (signed endorsement)  
Clean Up the River Environment-CURE (signed endorsement)  
The Coalition for a Clean Minnesota River (signed endorsement and resolution)  
Redwood Country Farmers Union (resolution passed and signed) (State Pending)  
Friends of the Minnesota Valley (signed endorsement)  
Izaak Walton League MN Valley Chapter (signed resolution)  
Minnesota Center for Environmental Advocacy (signed endorsement)  
Anglers for Habitat (signed endorsement)  
Minnesota Conservation Federation (signed endorsement)  
Fish and Wildlife Legislative Alliance (signed endorsement)  
Blue Earth Project (signed endorsement)  
Save the Kasota Prairie (signed endorsement)

Thank you for this opportunity and I will gladly answer any questions you may have.

**For More Information**

Contact Scott Sparlin, Coordinator/Facilitator, Minnesota River Congress  
[sesparlin@gmail.com](mailto:sesparlin@gmail.com) (507 276 2280)  
<https://www.mnrivercongress.org/>



WEST METRO

# Restoration work to prevent river flooding at Minnesota Valley National Wildlife Refuge

The \$4.1 million project will help control water levels on the federal conservation land.

By Greg Stanley (<https://www.startribune.com/greg-stanley/6370510/>) Star Tribune

JUNE 30, 2020 — 10:03PM

Just a few miles south of Minneapolis, along the final bends of the Minnesota River, large sections of a national wildlife refuge are under water.

The old and failing culverts in the Minnesota Valley National Wildlife Refuge can no longer keep up with the increasing rainfall, erosion and intensive draining systems that have caused the river to flow at twice its historical strength. The floods are drowning out native plants and habitats needed by birds and migrating waterfowl, as well as closing some of the hiking trails and bird-watching and hunting land used by about 300,000 visitors a year.

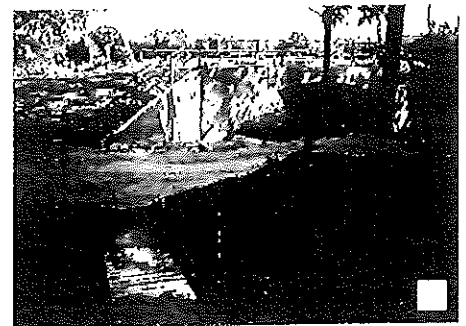
The U.S. Army Corps of Engineers and the U.S. Fish and Wildlife Service will begin a \$4.1 million project this summer to build and replace a series of culverts and structures to lower water levels in the refuge.

The work, which will take about two years to complete, will help restore a wide variety of vegetation critical to migrating birds in a chain of ponds near Shakopee, Eden Prairie and Bloomington, said Eric Mruz, deputy refuge manager.

“Basically, we have lost the ability to manage water levels at several of these ponds and I honestly think that the flooding here is only going to get worse,” Mruz said.

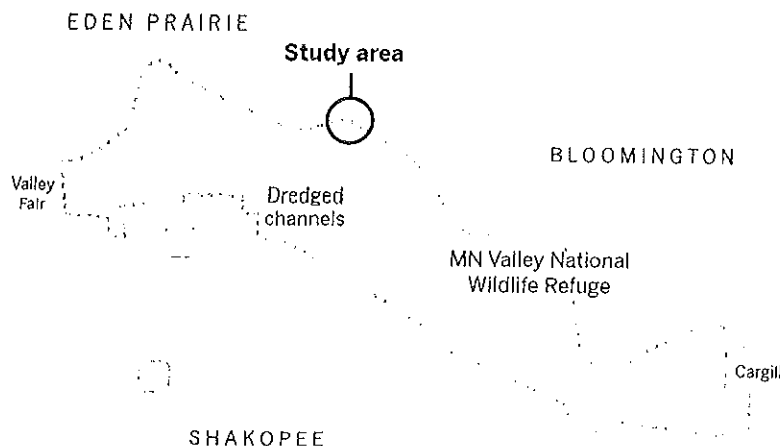
## Urban refuge

U.S. Fish and Wildlife will begin a \$4.1 million project to better drain the increasingly flooded areas of the few refuges in the country so close to a major city.



JEFF WHEELER • STAR TRIBUNE

A new bridge at the Minnesota Valley National Wildlife Refuge over a stream that runs into the Minnesota River will lessen the need for the



The refuge, which was created in the 1970s, is one of only a handful in the country located so close to a major urban area. It stretches along the last 70 miles or so of the Minnesota, from the city of Henderson to Bloomington, just before the river empties into the Mississippi River. It offers one of the rare spots in the Twin Cities where hikers can make it deep into the stillness of a marsh, or walk through one of the last remaining pockets of oak savanna in the state.

More than 50,000 ducks and geese stop in the refuge during spring and fall migrations, according to Audubon Minnesota, which lists the preserve as one of the state's most important bird areas. It's home to more than 260 different species of birds, at least 100 of which are known to nest there, according to the conservation group.

It's a marvel that such a sanctuary exists so close to the more than 4 million people who live in the area, said Robert Petzel, volunteer and president of the Minnesota Valley Refuge Friends organization.

It's home to miles of deep hiking and biking trails, rare trumpeter swans, tundra swans, bluebirds and flickers, he said.

"It's a wonderful place to get away from everything else might that might be going on," Petzel said.

Since the state largely shut down this spring because of the COVID-19 pandemic, the wildlife refuge has also become a refuge for families and hikers from across the metro area and the 14 counties the federal land touches.

What has long been more of a hidden gem is now receiving perhaps the most attention it has ever gotten from the public, Mruz said. In the months since the first cases of COVID-19 were found in Minnesota, the refuge has received about five times as many daily visitors as it had had in previous years.

But the increase in visitors comes as the hydrology of the Minnesota River has changed, according to the Army Corps and a number of federal and state studies.

The river's flow has more than doubled (<https://www.startribune.com/as-minnesota-river-expands-erosion-damage-grows/567716172/>) over the past decade, meaning water is rushing through with twice the force it did on average from 1950 to 2010. That's largely because the state is receiving more intense storms and rainfall than it has before, including last year, which went down as the wettest in Minnesota's history.

And over the past several decades, landowners in western and central Minnesota have drained more acres for row crops, funneling that water into the river and its tributaries.

The soft soil the Minnesota cuts through has always been prone to erosion. Now with the river's increased strength, the water is rapidly eating away its shoreline, doubling the width of the river in some segments and washing away homes and other structures.

The new drainage and water flow systems in the refuge were designed with the changing hydrology in mind, Mruz said.

"These structures are going to be big enough, we think, to handle that extra load of water," he said.

**Greg Stanley** is an environmental reporter for the Star Tribune. He has previously covered water issues, development and politics in Florida's Everglades and in northern Illinois.

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LOCAL

## Gulf of Mexico 'dead zone' predicted to be twice the size of national goal. Again.

Scientists forecast the low-oxygen zone will be around 4,100 square miles this summer, despite federal efforts to reduce nutrient runoff from fertilizer use on Midwest farms.

JUNE 5, 2023 — 4:13PM

Scientists have released their 2023 forecast for the so-called "dead zone" in the Gulf of Mexico — predicting it will be about 4,100 square miles this summer. That's much bigger than last year (<https://thelensnola.org/2022/08/03/dead-zone-smaller-than-expected-but-bigger-than-desired/>), but still smaller than average.

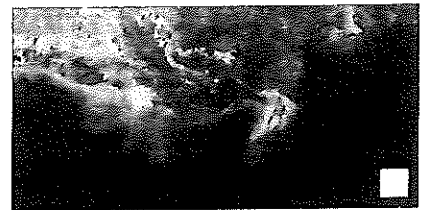
The dead zone is a hypoxic area (<https://oceanservice.noaa.gov/hazards/hypoxia/>) where low oxygen can kill fish and other marine life. It's caused by excessive nutrient runoff, largely from fertilizer used on farm fields in the Midwest, which ends up in the Mississippi River and flows south to the Gulf.

The National Oceanic and Atmospheric Administration uses models and data from the U.S. Geological Survey to forecast the size of the dead zone each year. Data from river and stream gauges showed that nitrate and phosphorus discharges were below average in the Mississippi River and Atchafalaya River, which splits off in south Louisiana.

While some see this season's forecast as good news, it is still well above the federal Hypoxia Task Force (<https://www.epa.gov/ms-htf/>)'s goal of shrinking the dead zone to 1,900 square miles or smaller by 2035. The area's five-year average size is 4,280 square miles, more than double that target, and has trended mostly larger over time (<https://www.columbiaindian.com/priceofplenty/landscape/a-lifetime-of-research-links-gulf-of-mexico-dead-zone-to-midwest-fertilizer-runoff/article.1d216dd2-f9bb-11ed-bba0-5b8d35cceaef.html>).

Don Scavia, an emeritus professor at the University of Michigan, leads one of several research teams partnering with the federal government on the annual forecast.

"Lack of a downward trend in the dead zone illustrates that current efforts to reduce those loads have not been effective," he said. "Clearly, the federal and state agencies and Congress continue to prioritize industrial agriculture over water quality."



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

The Gulf of Mexico's hypoxic "dead zone" at the end of the Mississippi River is seen by satellite south of Louisiana in 2017.

# America's largest water highway is in trouble, ominous for Midwest grain farmers

Sixty percent of America's grain flows down the Mississippi River. Last fall, traffic ground to a halt due to low water, causing concern for Minnesota farmers during harvest.

By Christopher VondracekStar Tribune    SEPTEMBER 16, 2023 — 5:23PM

ON THE MISSISSIPPI RIVER - Jim Kennedy watches the river like a hawk.

From his view 33 feet up in the pilot house, Kennedy stares out wide windows at blackened driftwood, eddies, even sometimes rambunctious yachters steaming up the wide, blue waters of the Mississippi River near St. Paul.

"They're about the worst kind," Kennedy said, on the Tuesday after Labor Day. "Drunk yachters. But they can't be helped."

Another problem that can't be helped? Mother Nature's curveballs, like this year's devastating drought in America's heartland. And another trying year for U.S. agricultural exports, due to the high cost of diesel and lower commodity prices.

In a typical year, 60% of the nation's grain flows downstream to the Gulf of Mexico, loaded onto barges parked at terminals along the Mississippi River. The barges are often tucked below interstate overpasses or along remote stretches of inland waterways, noticed only by boater or beaver.

But, lately, the working river has garnered more attention as concern grows over the aging locks-and-dams system built in the Roosevelt administration. The industry has been further strained by scarce labor and whiplashing weather that at times makes navigability uncertain.

Farmers and grain buyers, including agribusiness titans in the Twin Cities, are increasingly watchful.

ADVERTISEMENT

GALLERY

1/21



SHARI L. GROSS, STAR TRIBUNE

Gallery: Jim Kennedy captained the Møndota, a harbor boat in the Upper River Services fleet, as it travels down the Mississippi River in St. Paul on Tuesday, Sept. 5, 2023.

"On this part of the river, we're here because of ag," said Lee Nelson, president of Upper River Services. He noted an outstate farmer — say in southern Minnesota — may not want to drive all the way to downtown St. Paul to the Mississippi terminal.

"But he can get to the water [in Savage, Minn.]," Nelson said, referring to the grain terminals in the outer Twin Cities suburb sitting on the Minnesota River.

Kevin Hall, a supply chain vice president at Inver Grove Heights-based CHS, Inc., stared last week at a bank of video screens on the wall of the trading floor of the nation's largest farmer-owned cooperative at the Inver Grove Heights headquarters.

On screen were live-feeds of terminals from Savage on the Minnesota River all the way down to Myrtle Grove, La. The last major floods hit in the 1920s, prompting the U.S. government to begin damming up the Mississippi during the Depression, Hall said.

"It was catastrophic to the communities down the river," he said. "But it was to create this navigable waterway."

The river north of St. Louis — with two dozen locks and dams — is not the problem. The infrastructure there works, keeping a consistent flow for barges moving past Winona, Dubuque, Iowa, and Quincy, Ill., industry sources say.

But lack of water in the whole system could mean a repeat of last year's near-catastrophe when water levels dropped too low for steel-bottomed barges to traverse.

"When the Mississippi River had disruption last year, it was a major disruption to the country," Hall said.

Last fall, barge traffic on the southern portion of the Mississippi River — part of an intermodal system of riverways, highways and railways once the envy of the world — ground to a halt.

Television news carried images of more than 2,000 barges stuck in a queue. The U.S. Coast Guard briefly halted traffic in Memphis and Vicksburg, Miss., after boats ran aground on sandbars. An AccuWeather report estimated river snags cost the country \$20 billion.

As this year's harvest begins, water levels on the storied Mississippi are once again dropping. The river is below 5-foot deep in the Quad Cities on the Iowa-Illinois border. More than 50% of Minnesota is currently in at least "severe" drought, according to a national monitor. In St. Louis, barge rates — the per-ton cost to ship on the river — are spiking.

And the row-croppers of the Upper Midwest, who need the floating vessels to carry their corn or soybeans to the world, are watching with trepidation.

"As harvest approaches, really all we can do is wait to see what happens with the river," Brad Hovel, a Cannon Falls farmer and secretary of Minnesota Soybean Growers Association, said. "We might be eating our basis."

A farmer's basis — that is, the profit farmers can make at the elevator over futures contracts posted in Chicago — could weaken if the U.S. Coast Guard imposes greater draft restrictions (how deep a boat can dip below the water's surface) to protect boats from running aground.

Hovel said farmers in his neighborhood of southeastern Minnesota can put grain on rail, often traveling up to the Twin Ports in Duluth or out to the Pacific Northwest. They might also truck grain to two crush facilities in Mankato. But the terminals along the Mississippi are vital.

"We've only got a little bit of wiggle room," Hovel said.

The challenges couldn't hit at worse time, as U.S. farmers fight to reclaim past supremacy in exports. This year, Brazilian farmers are on path to surpass U.S. corn-growers as the world's top exporter. Brazil is tops in soybean, too, overcoming supply challenges that long bedeviled the South American ag giant.

Justin Cauley, CHS' senior director of transportation, said Brazil farmers are reporting 40-day lines at some terminals.

"A [bulk] vessel sitting costs about \$20 [thousand] to \$30,000 a day," Cauley said. "They're able to let their vessels sit for 40 days and still be competitive against the U.S."

Those on the working river say what's needed is infrastructure upgrades. The 2021 Bipartisan Infrastructure Bill that passed Congress and was signed by President Joe Biden allocated \$2.5 billion for the inland waterways. Ongoing dredging of the river — such as two low spots near Savage this past summer — is an evergreen need, as well.

But industry officials say they also need more workers interested in joining a boat.

Back in the waterways near St. Paul, Kennedy is at home on his boat. There's a fridge for long days. He arrives by 6 a.m. and often works until dark. He likes the job and sleeps each night at home in Cottage Grove. He's seen early morning fishermen, wildlife and scenes along the river that most recreationists and oil painters dream of.


Nestled between two windows, a placard dedicated to his son, Joseph Kennedy, an Army specialist who was killed in Afghanistan in 2011, reads "Some Gave All."

"He worked here," Jim said, quietly. "He was a good worker."

Out on driftwood, a bald eagle was perched, surveying the region. Kennedy says he didn't see those big birds in his first couple of decades on the river. But the waterway — and the life around the banks — keeps changing.

**Christopher Vondracek** covers agriculture for the Star Tribune.  
christopher.vondracek@startribune.com 612-673-4811 ChrisVondracek



An aerial photograph showing the confluence of the Mississippi River and the Minnesota River. The Mississippi River is the dark, wide body of water at the top. The Minnesota River is the muddy, brownish water flowing into it from the bottom. A large, forested island is visible in the upper left. In the lower right, there is a residential area with houses and a road.

# The Muddy Minnesota River

Mississippi River

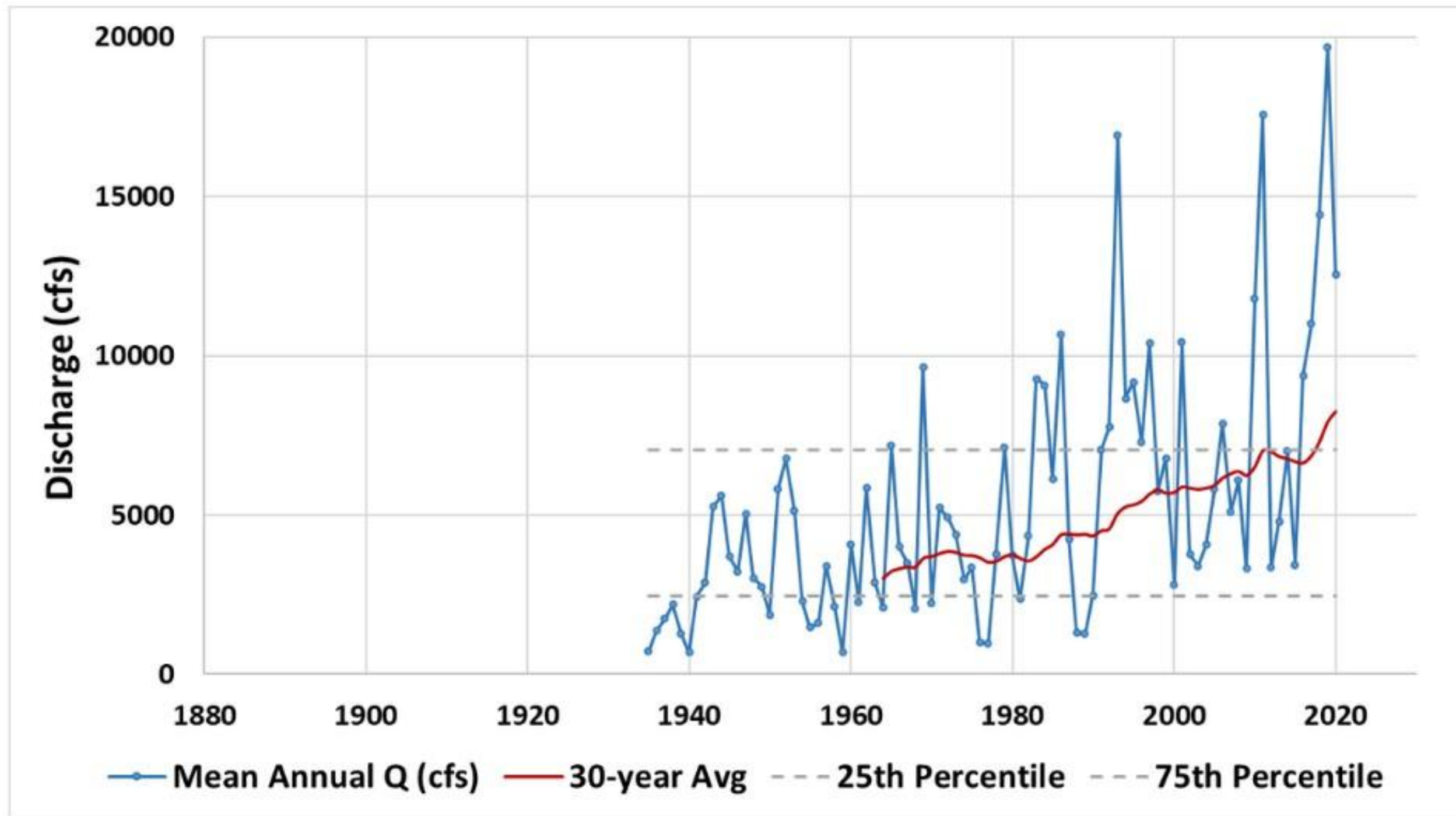
Minnesota River



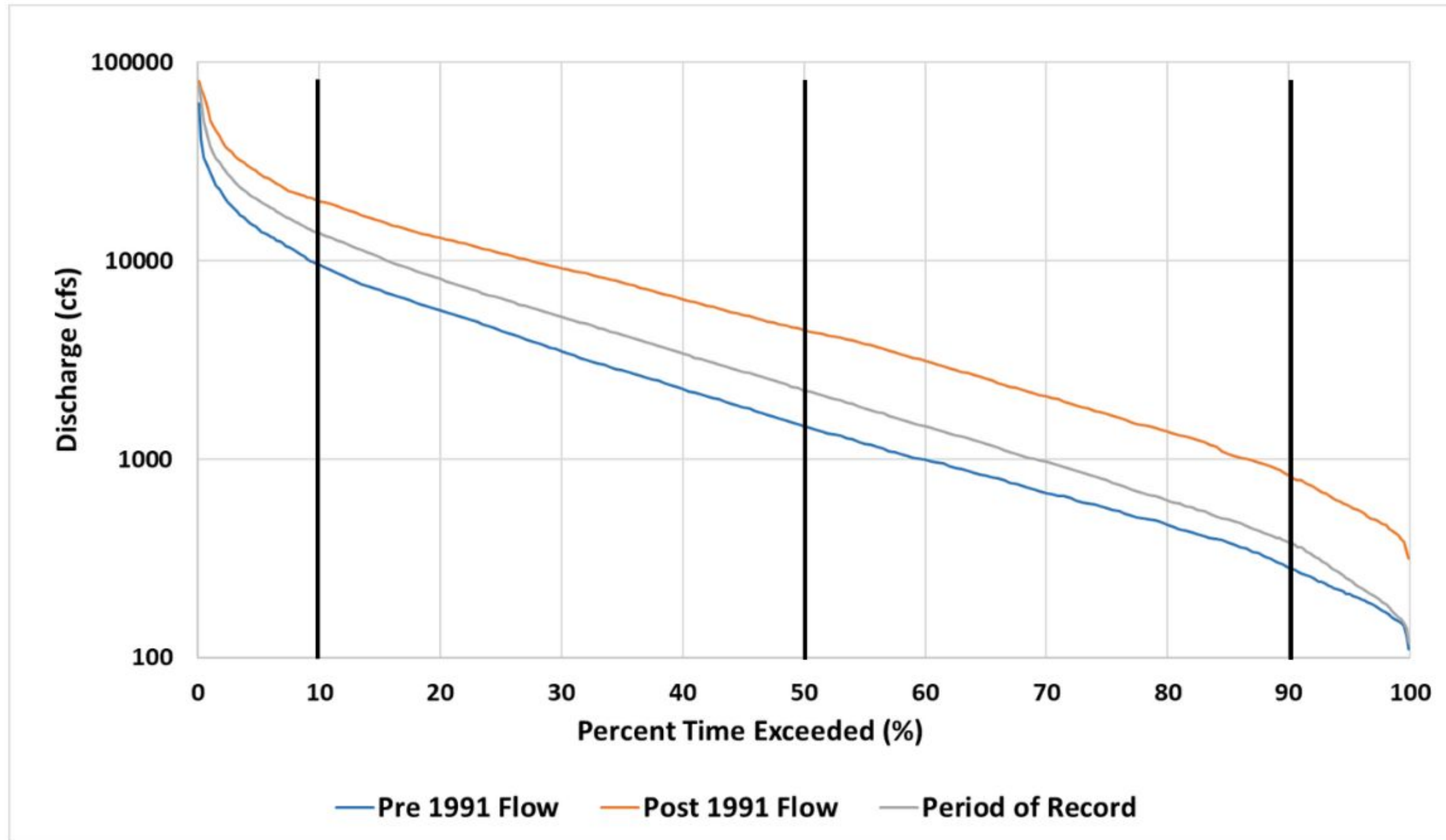
# Minnesota River Watershed Issues

- Mean discharge doubled, more frequent extreme peak discharges, greater flow volume.
- Sediment loads doubled because of more stream bank erosion.
- Nutrient loads are increasing (Phosphorus and Nitrates) as are agricultural pesticide loads (Contaminants of Emerging Concern).
- Many streams in upper watershed are impaired for bacteria.

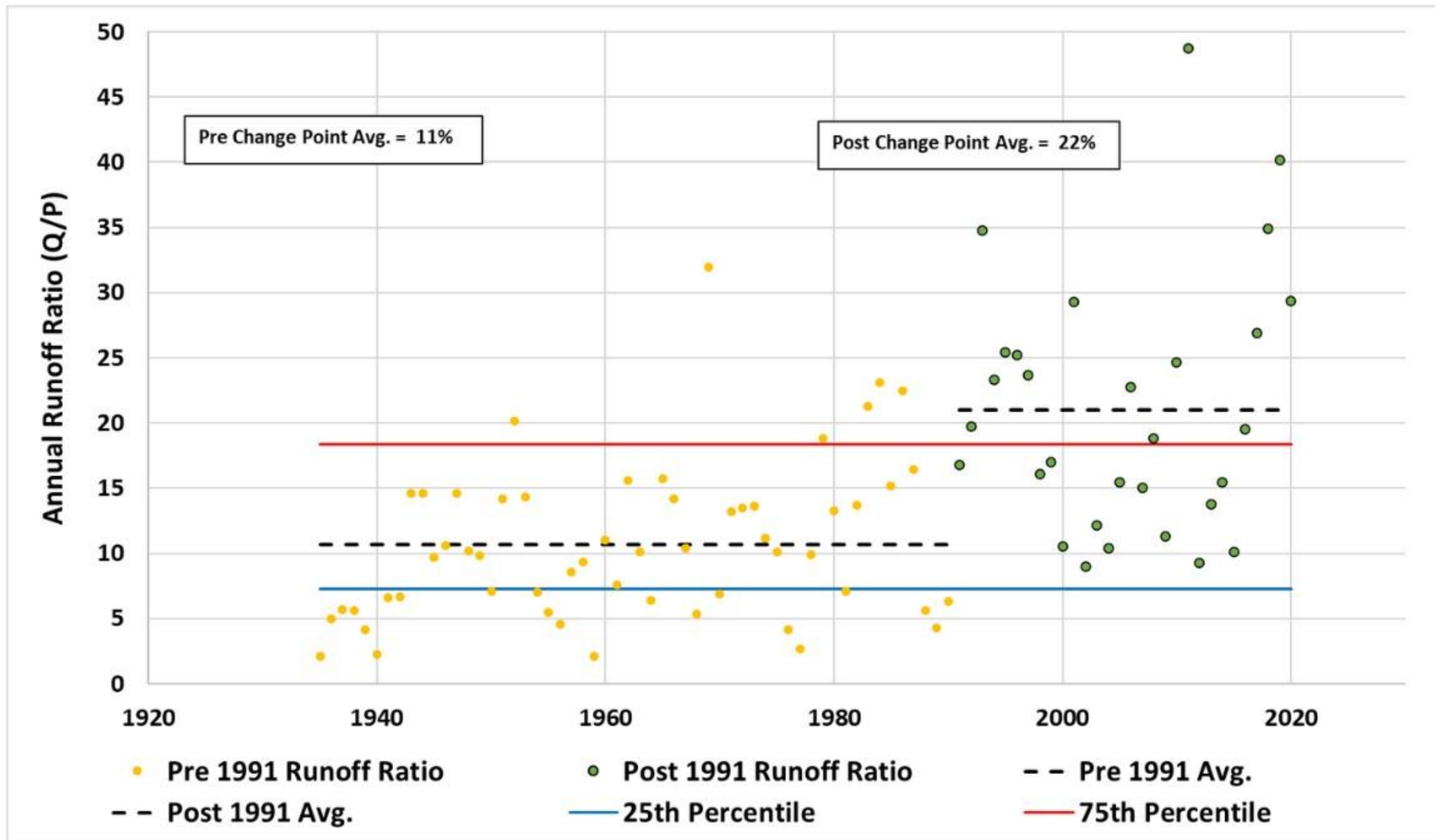




**Annual mean discharge for the Minnesota River near Jordan (05330000) (USGS 2020)**



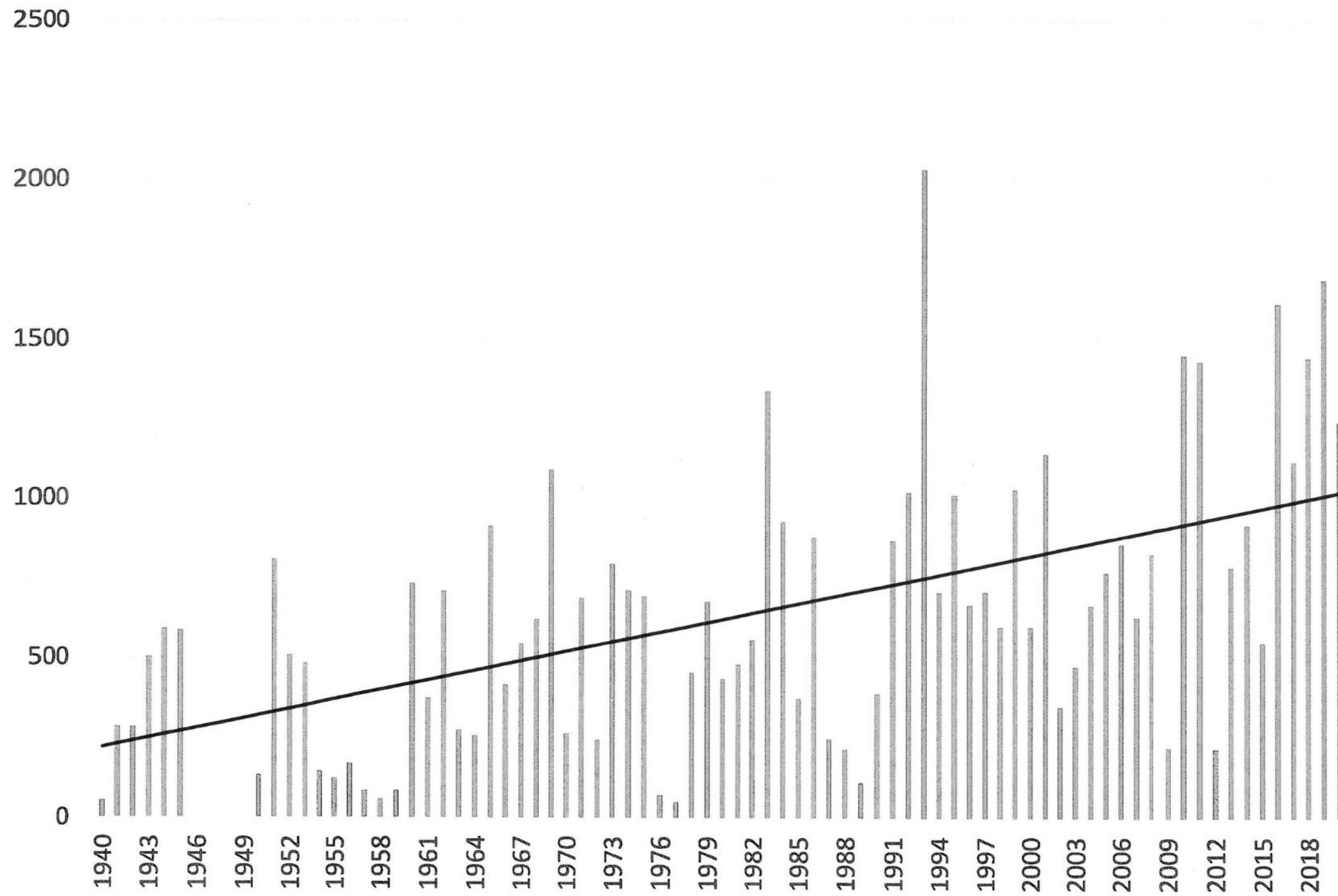
Flow duration curves for the Minnesota River near Jordan (05330000)



Annual runoff ratios for the Minnesota River near Jordan (05330000)



LeSueur River nr. Mankato Average Annual Flow 1940-2020 (cubic feet per second)






# Le Sueur River Bank Erosion

Increased Runoff is Causing More River Bank Erosion





An aerial photograph showing the confluence of the Mississippi River and the Minnesota River. The Mississippi River is the dark, wide body of water at the top. The Minnesota River is the muddy, brownish water flowing from the bottom right towards the center. A large, green, forested island is visible in the upper left. In the bottom right, there are some buildings and a road.

# The Muddy Minnesota River

Mississippi River

Minnesota River



# **Membership of the Minnesota River Collaborative**

# Environmental Groups

- Minnesota Center for Environmental Advocacy (MCEA)
- Izaak Walton League
- Friends of the Minnesota Valley
- Coalition for a Clean Minnesota River
- Clean Up the River Environment (CURE)
- Lake Pepin Legacy Alliance



# Individuals, Designations

- Practicing Attorneys (3)
- Retired Attorneys (3)
- Farmers, Landowners (3)
- Hydrologists (2)
- Conservationists (4)
- Water Resources Engineers (4)
- Former MN Legislator (1)
- Retired Economist (1)
- Former US Legislator (1)
- Geotechnical Engineer (1)
- Environmental Scientists (3)
- Geographer (1)
- Community Advocate (1)
- Water Policy Specialist (1)

# Drainage Effects

- Economic Impacts
- Local, Regional, Business, Individual
- Projections (Climate change scenarios = low/high)
- Upstream
- Downstream
- Flooding
- Channel Stability
- Sedimentation
- Dredging
- Human Activity




# Economic Impacts Modeling Example

Apply model parameters to measured loadings

DNR name	acres	Watershed loading (land sources only)		Watershed damage via drainage		
		TSS T/yr	Total Nitrogen lbs/yr	TSS \$/yr	N \$/yr remediated	N \$/yr avoided
Minnesota River - Headwaters	645,000	6,000	943,000			
Pomme de Terre River	560,000	9,000	1,358,000			
Lac Qui Parle River	632,000	12,000	1,698,000			
Minnesota River - Yellow Medicine River	1,333,000	40,000	6,098,000			
Chippewa River	1,330,000	1,000	234,000			
Redwood River	448,000	5,000	4,121,000			
Minnesota River - Mankato	862,000	53,000	10,287,000			
Cottonwood River	841,000	21,000	9,858,000			
Blue Earth River	889,000	32,000	37,613,000			
Watonwan River	559,000	9,000	8,921,000			
Le Sueur River	711,000	63,000	17,731,000			
Lower Minnesota River	1,174,000	41,000	15,475,000			
<b>At mouth</b>	<b>9,984,000</b>	<b>292,000</b>	<b>114,337,000</b>	<b>0</b>	<b>0</b>	<b>0</b>



An aerial photograph showing the confluence of the Mississippi River and the Minnesota River. The Mississippi River is the dark, wide body of water at the top. The Minnesota River is the muddy, brownish water flowing from the bottom right towards the center. A large, green, forested island is visible in the upper left. In the bottom right, there are some buildings and a road.

# The Muddy Minnesota River

Mississippi River

Minnesota River



## **Two of the Collaborative Actions:**

- Reviewing drainage improvement projects and objecting to projects that cause downstream impacts.
- Advocating for changes in the state's programs to protect water resources.





# Limbo Creek

A protected public water



# Lyon County CD 14

Review of proposed  
project revealed large  
increases in flow  
discharges





Approx. frequency of a channel forming flow (approx. 1.5 to 2-year flood event)

**Table 6: Calculation of Additional Flow**

Runoff Event	Existing Flow (CFS)	Proposed Flow 1/2" Design (CFS)	Change in Flow 1/2" Design (CFS)	Proposed Flow 1/4" Design (CFS)	Change in Flow 1/4" Design (CFS)
2-Year	78.1	152.5	74.4	134.8	56.7
5-Year	123.5	209.5	86	165.8	42.3
10-Year	157.2	247.6	90.4	195.5	38.3
25-Year	209.1	310.5	101.4	242.7	33.6
50-Year	467.0	389.4	-77.6	296.1	-170.9
100-Year	905.2	814.1	-91.1	371.6	-533.6

Proposed project discharge for different runoff events



# CD-14, LYON COUNTY: PROJECT AS CURRENTLY PROPOSED

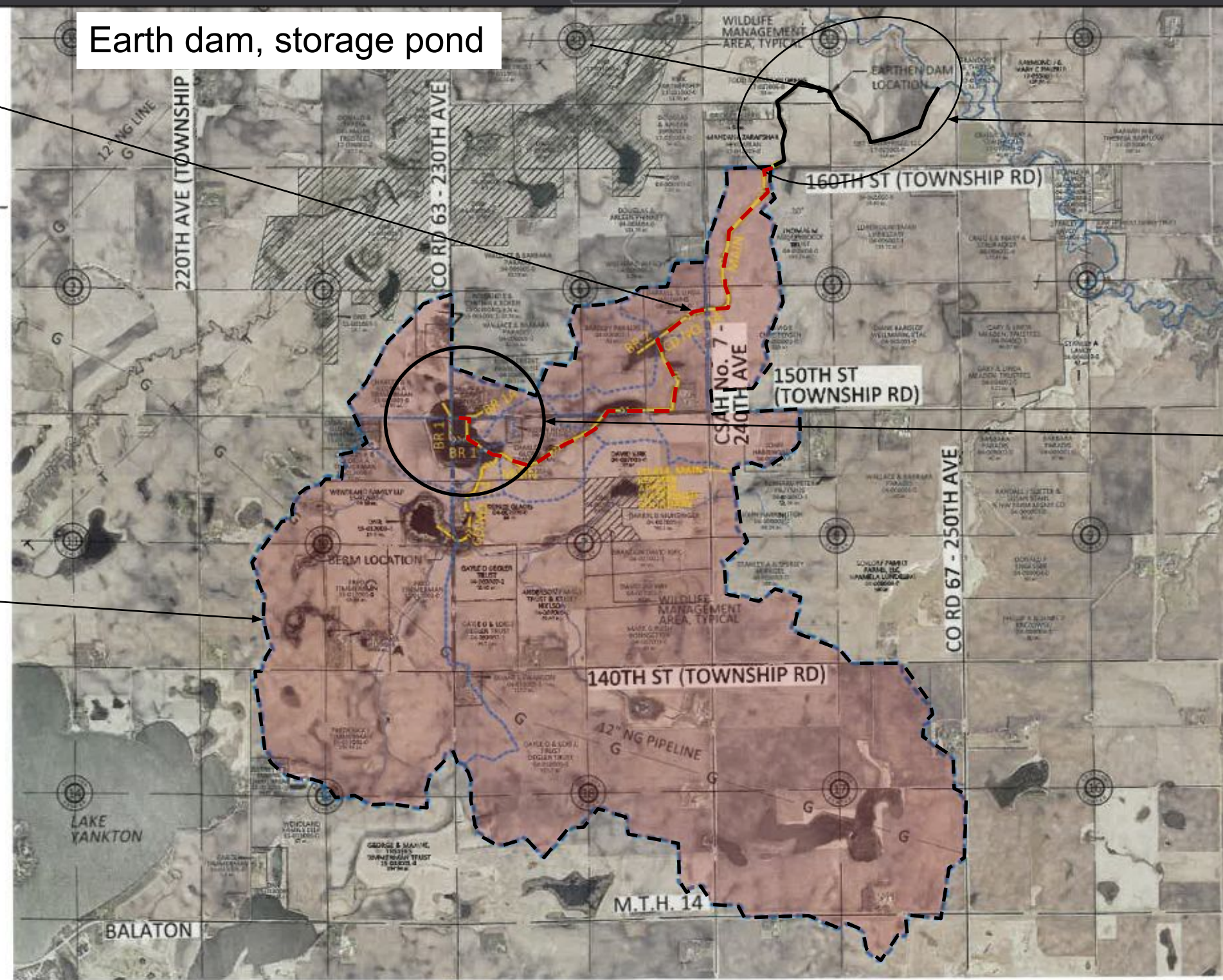
Proposed drainage to outlet: Repair existing 18-inch tile

Earth dam, storage pond

Outlet to unnamed channel and to Cottonwood River

Wetland, former wetland/hayfield flooded by upstream drainage

Watershed boundary



PLAN REVISIONS		
REV	ISSUED FOR	DATE

PROJECT DATUM: LYON CO COORDINATES  
HORIZONTAL: LYON CO - NAD83 (2011)

**LEGEND**

- WATERSHED BOUNDARY (Blue dashed line)
- JD No 15 OPEN DITCH (Blue solid line)
- IMPAIRED/PROTECTED WATERS (Pink shaded area)
- PROPOSED TILE IMPROVEMENTS (Yellow line)
- EXISTING TILE 10" (Blue line)
- PROPOSED TILE 24" (Yellow line)
- NWI WETLAND (Green shaded area)





# BWSR Storage Program

Competitive grant program to control water volume and rates to protect infrastructure, improve water quality, and mitigate climate change impacts.

Legislature appropriated \$17 Million in funds for this grant program last year.

# Drainage Work Group Subcommittee on Adequate Outlet Report

## Subcommittee Goal:

- Consensus on what needs to be included in the Engineering Reports for Drainage Improvement Projects.



# Consensus Points

- Increased bank erosion is a flooding impact from increased water yield.
- Damages are caused both by the peak and the duration of flows.
- Minnesota River needs a watershed basin model to determine the cumulative impacts of changes to runoff.

# Non-Consensus Points

- Analysis of flood impacts should include analysis of channel forming flows because bank erosion is a flooding impact.
- Evaluation of adequate outlet adequacy should include impacts listed in MN statute 103E.015.



# Water Storage in the Minnesota River Basin

“... determine the flow reduction benefits received from the placement of storage measures in key locations throughout the basin.”

“Lower Minnesota River Watershed District (commitment has been received to sponsor this effort).”

*From Minnesota River Basin Interagency Study, 2020,  
U.S. Army Corps of Engineers*

# Request to change Drainage Law 103E.015


Drainage Improvement Projects \*Must\*:

- Evaluate the effect of channel forming flows on sediment loads
- Regulate private drainage systems
- Evaluate Groundwater impacts
- Not increase nutrient loads or pesticide loads to downstream waters
- Include the cost of restoration for MN River hydrology in cost/benefit analysis



**QUESTIONS?**



An aerial photograph showing the confluence of the Mississippi River and the Minnesota River. The Mississippi River is the dark, wide body of water at the top. The Minnesota River is the muddy, brownish water flowing into it from the bottom. A large, green, forested island is visible in the upper left. In the lower right, there is a small town with several buildings and a road.

# The Muddy Minnesota River

Mississippi River

Minnesota River





# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

#### Item 5. D. – Designation of 2024 Official Newspaper

#### Prepared By

Linda Loomis, Administrator

#### Summary

In accordance with Minnesota Statutes, the LMRWD must designate a newspaper of general circulation in each county of the District as the general newspaper in which all hearing notices, advertising for bids, etc. are required to be published.

Since 2016, the LMRWD has used the Star Tribune as its official newspaper. The Star Tribune is qualified to serve as the legal and official newspaper under Minnesota Statutes Section 331A.02 Subd. 1. Staff would recommend this designation again for 2024. The Board should adopt Resolution 24-01 Designation of the 2024 Official District Newspaper.

Alternatives to the Star Tribune would be *Finance and Commerce*. Or designation of local newspaper in individual cities, such as the *Chaska Herald*, *Chanhassen Villager*, *Savage Pacer*, *Shakopee Valley News*, *Sun Current Newspaper* (Bloomington and Eden Prairie), *Sun Patriot* (Carver), *Sun This Week* (Eagan and Burnsville). There are no local newspapers similar in nature to serve the Cities of Mendota and Mendota Heights. The official newspaper for the City of Mendota Heights is the *St. Paul Pioneer Press*.

#### Attachments

Resolution 24-01 Designation of the 2024 Official District Newspaper

#### Recommended Action

Motion to adopt Resolution 24-01 Designation of the 2024 Official District Newspaper

RESOLUTION 24-01

RESOLUTION OF THE LOWER MINNESOTA RIVER WATERSHED DISTRICT BOARD OF MANAGERS

DESIGNATION OF THE 2024 OFFICAL DISTRICT NEWSPAPER

Manager \_\_\_\_\_ offered the following Resolution and moved its adoption:

WHEREAS, Minnesota Statutes 103B and 103D require the publication of various official notices in a newspaper of general circulation within the District; and

WHEREAS, there are several local newspapers with circulation within the Lower Minnesota River Watershed District (LMRWD), these have local or limited circulation throughout the LMRWD; and

WHEREAS, one newspaper of general circulation throughout the entire District is the Minneapolis Star Tribune.

NOW, THEREFORE, BE IT RESOLVED that the Lower Minnesota River Watershed District Board of Managers hereby names the Minneapolis Star Tribune as the official newspaper of the District for 2024.

The question on the adoption of the Resolution was seconded by Manager \_\_\_\_\_ and upon a vote being taken there were \_\_ yeas and \_\_ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
AMUNDSON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BARISONZI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DULL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KUPLIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SALVATO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote being taken, the President declared Resolution 24-01 adopted.

ATTEST:

\_\_\_\_\_  
Joseph Barisonzi, President

\_\_\_\_\_  
Theresa Kuplic, Vice President

I, Lauren Salvato, Secretary of the Lower Minnesota River Watershed District, do hereby certify that I have compared the above Resolution with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand this 17th day of January 2024.

\_\_\_\_\_  
Theresa Kuplic, Vice President



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

#### **Item 5. E. – Designation of Official Depositories**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

According to MN Statute § 118A.02, the governing body of each government entity shall designate, as a depository of its funds, one or more financial institutions. In 2022, the LMRWD began a relationship with Clifton Larson Allen, LLC (CLA) as its accountant and transferred LMRWD funds to the Minnesota Municipal Money Market Fund (4M Fund) and set up depository accounts with US Bank to handle payment of claims against the LMRWD.

The LMRWD wishes to continue this relationship in 2024 and the Board should adopt Resolution 24-02.

### **Attachments**

Resolution 24-02 Designating Depositories for Lower Minnesota River Watershed District Funds

### **Recommended Action**

Motion to adopt Resolution 24-02 Designating Depositories for Lower Minnesota River Watershed District Funds

Manager \_\_\_\_\_ offered the following Resolution and moved its adoption:

RESOLUTION 24-02

**RESOLUTION DESIGNATING DEPOSITORIES FOR  
LOWER MINNESOTA RIVER WATERSHED DISTRICT FUNDS**

BE IT RESOLVED, by the Board of Managers of the Lower Minnesota River Watershed District (LMRWD) that the following are named as depositories for funds: **4M Fund; and U.S. Bank**

BE IT FURTHER RESOLVED that a sweep account will be used for nightly balances.

BE IT FURTHER RESOLVED that the following signatories or their designees are authorized to be signatories on checks drawn on funds deposited: President, Treasurer or Administrator of the LMRWD.

BE IT FURTHER RESOLVED that the following shall be authorized to make investments of the LMRWD and shall be authorized to deposit the principal of said investments in the above depositories as necessary and beneficial to the LMRWD: President, Treasurer, or Administrator of the LMRWD or Financial Firm contracted by the Board of Managers of the LMRWD.

The LMRWD Treasurer or Administrator will supply each of the depositories with certified copies of this resolution with such signature documentation as is required by the depository and the authorizations set forth above.

The question on the adoption of the Resolution was seconded by Manager \_\_\_\_\_ .  
Upon a vote being taken there were \_\_\_ yeas and \_\_\_ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
AMUNDSON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BARISONZI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DULL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KUPLIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SALVATO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*(signatures on following page)*

Upon a vote, the President declared the Resolution adopted.

ATTEST:

\_\_\_\_\_  
Joseph Barisonzi, President

\_\_\_\_\_  
Theresa Kuplic, Vice President

I, Theresa Kuplic, Vice President of the Lower Minnesota River Watershed District, do hereby certify that I have compared the above Resolution with the original thereof as the same appears of record and on file with the LMRWD and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand this 17th day of January 2024.

\_\_\_\_\_  
Theresa Kuplic, Vice President

Item 4.B.  
LMRWD 1-17-2024

<b>BEGINNING BALANCE</b>	<b>30-Nov-23</b>		<b>\$ 906,793.35</b>
<b>ADD:</b>			
<b>General Fund Revenue:</b>			
December 2023 Interest		\$ 5,072.82	
Permit review fee - Carmeuse Savage Marine Improvements (LMRWD No, 2023-024)		\$ 750.00	
Lincense Fee for 2022 Private Dredge Placement by Cargill		\$ 10,141.00	
Hennepin County 2nd half 2023 tax Settlement		\$ 126,271.23	
Scott County - 2nd half 2023 tax Settlement		\$ 152,969.71	
Carver County - 2nd half 2023 tax settlement		\$ 21,019.02	
Fee in Lieu - Scott County; US FWS		\$ 27.22	
MV Credit Agricultural		\$ 18.59	
<b>Total Revenue and Transfers In</b>			<b>\$ 316,269.59</b>
<b>DEDUCT:</b>			
<b>Debits/Reductions</b>			
Bolton & Menk, Inc.	Services related to Vernon Avenue through Oct.19, 2023	\$ 3,586.00	
106 Group	October 2023 services related to Area #3	\$ 13,095.00	
106 Group	October 2023 services related to Vernon Avenue	\$ 3,017.50	
Newman Signs, Inc.	Fabrication of Riley Creek Sign	\$ 129.85	
Barr Engineering, Company	October 2023 Area #3 Wetland & T & E Species Review	\$ 467.00	
Clifton Larson Allen, LLP (CLA)	October 2023 financial services	\$ 2,958.77	
Danial Hron	December 2023 Office Rent	\$ 650.00	
HDR Engineering, Inc.	Website update & maintenance services through Sept.	\$ 2,816.47	
Metropolitan Council ES	monitoring services related to Ike's Creek	\$ 10,566.36	
Naiad Consulitng	October 2023 administrative services & expenses	\$ 11,790.48	
Rinke Noonan, Attorneys at Law	October 2023 legal services	\$ 1,461.50	
Scott County Soil & Water CD	Q3 2023 monitoring, TACS, & education services	\$ 8,597.93	
US Bank Equipment Finance	October 2023 copier lease payment	\$ 206.75	
WSB	Property Acquisition Services related to Area #3	\$ 1,169.27	
Young Environmental Consulting	October 2023 technical, & E & O services	\$ 39,063.99	
Inter-Fluve, Inc.	Project mgnt. & final design services for Area #3	\$ 3,648.25	
4M Fund	September 2023 bank serice fees	\$ 41.04	
<b>Total Debits/Reductions</b>			<b>\$ 103,266.16</b>
<b>ENDING BALANCE</b>	<b>31-Dec-23</b>		<b>\$ 1,119,796.78</b>

	2023 Budget	December Actuals	YTD 2023	Over (Under) Budget
<b>Administrative expenses</b>	\$ 250,000.00	\$ 19,553.00	\$ 303,479.51	\$ 53,479.51
<b>Cooperative Projects</b>				
Eden Prairie Bank Stabilization Area #3	\$ -	\$ 20,906.02	\$ 154,736.24	\$ 154,736.24
Gully Erosion Contingency Fund	\$ -	\$ -	\$ -	\$ -
Seminary Fen Ravine Restoration site A	\$ -	\$ -	\$ -	\$ -
Seminary Fen Ravine Restoration site C-2	\$ 20,000.00	\$ -	\$ -	\$ (20,000.00)
<b>509 Plan Budget</b>				
<i>Resource Plan Implementation</i>				
Watershed Resource Restoration Fund	\$ 100,000.00	\$ -	\$ -	\$ (100,000.00)
Gully Inventory	\$ 90,500.00	\$ -	\$ 81,264.54	\$ (9,235.46)
MN River Corridor Management Project	\$ -	\$ -	\$ -	\$ -
Gun Club Fen Intrusion investigation	\$ -	\$ -	\$ -	\$ -
Assumption Creek Hydrology Restoration	\$ -	\$ -	\$ -	\$ -
Groundwater Screening Tool Model	\$ -	\$ -	\$ -	\$ -
MN River Floodplain Model Feasibility Study	\$ 75,000.00	\$ 781.25	\$ 10,329.10	\$ (64,670.90)
Schroder Acres Park	\$ -	\$ -	\$ -	\$ -
Downtown Shakopee Stormwater BMPs	\$ 50,000.00	\$ -	\$ -	\$ (50,000.00)
PLOC Realignment/Wetland Restoration	\$ -	\$ -	\$ -	\$ -
Spring Creek Project	\$ 90,000.00	\$ 225.00	\$ 54,621.52	\$ (35,378.48)
West Chaska Creek	\$ -	\$ -	\$ -	\$ -
Sustainable Lakes Mgmt. Plan (Trout Lakes)	\$ -	\$ -	\$ -	\$ -
Geomorphic Assessments (Trout Streams)	\$ -	\$ -	\$ -	\$ -
Fen Stewardship Program	\$ 75,000.00	\$ 5,890.50	\$ 57,430.50	\$ (17,569.50)
District Boundary Modification	\$ -	\$ -	\$ -	\$ -
MN River Sediment Reduction Strategy	\$ -	\$ -	\$ -	\$ -
Local Water Management Plan reviews	\$ 5,000.00	\$ -	\$ 31.25	\$ (4,968.75)
Project Reviews	\$ 50,000.00	\$ 12,819.95	\$ 121,199.45	\$ 71,199.45
<i>Monitoring</i>	\$ 75,000.00	\$ 17,165.29	\$ 65,916.23	\$ (9,083.77)
<i>Watershed Management Plan</i>	\$ -	\$ 9,553.73	\$ 82,836.59	\$ 82,836.59
<i>Public Education/CAC/Outreach Program</i>	\$ 85,000.00	\$ 6,396.88	\$ 85,150.83	\$ 150.83
<i>Cost Share Program</i>	\$ 20,000.00	\$ 1,265.00	\$ 21,851.50	\$ 1,851.50
<b>Nine Foot Channel</b>				
Return of unused state funds	\$ -	\$ -	\$ 182,742.77	\$ 182,742.77
Dredge Site Improvements	\$ 240,000.00	\$ 8,673.50	\$ 314,146.85	\$ 74,146.85
<b>Total:</b>	<b>\$ 1,225,500.00</b>	<b>\$ 103,230.12</b>	<b>\$ 1,535,736.88</b>	<b>\$ 310,236.88</b>





# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

#### Item 5. F. - Designation of Data Practices Compliance Official

#### Prepared By

Linda Loomis, Administrator

#### Summary

The Minnesota's Government Data Practices Act requires that all government entities in Minnesota adopt policies regarding access to government data. The policies explain how members of the public can access government data and provide contact information for the City staff members responsible for receiving and processing data practices requests. The District must update these policies by August 1 each year. Also, Minnesota Statutes require the District to appoint an individual as the Data Practices Compliance Officer and Responsible Authority.

The LMRWD Data Practices was adopted in 2014 and can be found on the LMRWD website using this [link](#).

In accordance with MN Statutes and the LMRWD's Data Practices Policy, the Managers should annually designate a Data Practice Compliance Official, who is responsible to respond to public requests for LMRWD Data.

In the past the LMRWD Administrator has served as the Data Practices Compliance Official. It is recommended that the Board adopt the attached Resolution 2022-02 Appointing 2022 Data Practices Compliance Official and Responsible Authority.

#### Attachments

Resolution 24-03 Appointing 2024 Data Practices Compliance Official and Responsible Authority

#### Recommended Action

Motion to adopt Resolution 24-03 Appointing 2024 Data Practices Compliance Official and Responsible Authority

RESOLUTION 24-03

**RESOLUTION OF THE LOWER MINNESOTA RIVER WATERSHED DISTRICT BOARD OF MANAGERS**

**APPOINTING 2024 DATA PRACTICES RESPONSIBLE AUTHORITY**

Manager \_\_\_\_\_ offered the following Resolution and moved its adoption:

WHEREAS, the Lower Minnesota River Watershed District (the "LMRWD") Board of Managers is the official governing body of the LMRWD; and

WHEREAS, the Minnesota Government Data Practices Act (the "Act"), requires that the Lower Minnesota River Watershed District (the "LMRWD") prepare a written data access policy; and

WHEREAS, the Act and the LMRWD Data Practices Procedures adopted September 17, 2014 require that the LMRWD Board of Managers appoint a Data Practices Compliance Official and Responsible Authority that is the individual responsible for the collection, use, and dissemination of any set of data on individuals, government data, or summary data, unless otherwise provided by state law; and

WHEREAS, the LMRWD Board of Managers shares this concern regarding the responsible use of all LMRWD data and wishes to satisfy this concern by appointing an administratively qualified Data Practices Compliance Official and Responsible Authority as required under statute.

NOW, THEREFORE, BE IT RESOLVED that the Lower Minnesota River Watershed District Board of Managers, appoints District Administrator, Linda Loomis, as the Data Practices Compliance Official and Responsible Authority for the purposes of meeting all requirements of Minnesota Statutes, chapter 13.

The question on the adoption of the Resolution was seconded by Manager \_\_\_\_\_ and upon a vote being taken there were 5 yeas and 0 nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
AMUNDSON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BARISONZI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DULL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KUPLIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SALVATO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the President declared the Resolution adopted.

\_\_\_\_\_  
Joseph Barisonzi, President

ATTEST:

---

Theresa Kuplic, Vice President

I, Theresa Kuplic, Vice President of the Lower Minnesota River Watershed District, do hereby certify that I have compared the above Resolution with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand this 17th day of January 2024.

---

Theresa Kuplic, Vice President



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

**Item 5. G. – Receive update to Administrative Services hourly rates and authorize approval of additional hours from 2023**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

According to the Agreement for Administrative Services between the Lower Minnesota River Watershed District and Naiad Consulting, LLC., 150 hours per month for Administrative services are authorized. Additional hours of services were provided in 2023 and the Board should authorize payment for the additional hours of services provided to the LMRWD by Naiad Consulting, LLC. An additional 42 hours of administrative services was provided in 2023. At the regular rate of \$75/hour that totals \$3,150. The additional hours are reflected on the invoices provided to the LMRWD throughout 2023.

In addition, it is necessary for Naiad Consulting to increase its hourly rates to \$90/hour to account for inflation and increased costs. This increase will make the expense for Administrative Services more comparable with the cost other water management organizations pay for similar services. Rates have not been increased since 2019.

The Administrative Services agreement between the LMRWD and Naiad Consulting and amendments are attached for the Board's information.

### **Attachments**

Administrative Services Agreement with amendments

Administrative Services Agreement Amendment #3

### **Recommended Action**

Motion to authorize execution of Administrative Services Agreement Amendment #3



## ADMINISTRATOR AGREEMENT

THIS AGREEMENT is made as of this 25<sup>th</sup> day of November, 2013, by and between the Lower Minnesota River Watershed District, a Minnesota Watershed District established in accordance with the Minnesota Watershed Act ("LMRWD") and, Naiad Consulting, LLC, a Minnesota limited liability company (the "Contractor").

1. **SCOPE OF SERVICES:** Contractor will perform the following services as prioritized and assigned by the LMRWD Board of Managers ("Board") under this Agreement, together with such other administrative services as may be assigned from time to time:

- Facilitate the implementation of the updated LMRWD's Watershed Management Plan that sets strategic direction, goals, policies and work plans for the next 10 years.
- Establish processes to increase the organization's efficiency and to reduce duplication of effort.
- Serve as the primary point of contact for LMRWD's business and coordinate activities among consultants.
- Provide coordination with representatives of City, County, State and Federal agencies and other stakeholder groups.
- Coordinate consultants' projects and activities; review invoices and recommend payment.
- Identify opportunities to secure grant funding and develop partnerships to accomplish the LMRWD's Watershed Management Plan.
- Track implementation of watershed-funded annual water quality projects and activities to ensure that established objectives, project budgets, and schedules are met.
- Develop an operation and capital budget on an annual basis for consideration by the Board.
- Develop an annual work plan and reporting system in consultation with the Board.
- Develop agendas for meetings; attend the monthly Board meetings, special TAC meetings and others as necessary.
- Maintain a list of items that need to be completed by the Consultant, Managers and other consultants and the expected completion date for each item.
- Prepare a monthly summary of work completed and time expended by work task and budget item.
- Perform other duties or activities as may be directed by the Board.

(hereinafter "Services").

For the remainder of 2013 the LMRWD sets aside \$8,800.00 for time and expenses related to the Contractor's position. Contractor will prepare and maintain a work plan and schedule of priorities, in consultation with the Board or its authorized

benefits, medical and hospital benefits, sick and vacation leave, severance pay, pension benefits or other rights or benefits offered to employees of the LMRWD. Contractor (and any person working for or employed by Contractor) shall not be considered an employee of the LMRWD for any purpose including, but not limited to income tax withholding; workers' compensation; unemployment compensation; FICA taxes; liability for torts; and eligibility for benefits.

Contractor will not be provided with a place of business and will retain control over the manner and means of the services provided by Contractor as an independent contractor. Contractor will provide, at Contractor's expense, necessary office space, transportation, computer capability, an internet email address and incidental office supplies needed to provide the Services.

This Agreement is non-exclusive. Contractor may take other employment or contracts that do not interfere with Contractor's duties hereunder.

8. **DATA PRACTICES AND RECORDS:** All records, information, materials and other work product, in written, electronic, or any other form, developed in connection with providing services under this Agreement shall be the exclusive property of the LMRWD. All such records shall be maintained with the records of the LMRWD and in accordance with the instructions of the Board. When operating under standard business practices, the Contractor will not be held liable for the loss of LMRWD's records which may be held by Contractor outside of the LMRWD's offices. The Contractor will comply with the Minnesota Government Data Practices Act and all other applicable state and federal laws relating to data privacy or confidentiality. If Contractor receives a request for data pursuant to the Data Practices Act, Minnesota Statutes Chapter 13 (DPA), that may encompass data (as that term is defined in the DPA) Contractor possesses or has created as a result of this Agreement, it will inform the LMRWD immediately and transmit a copy of the request to the Board. If the request is addressed to the LMRWD, Contractor will not provide any information or documents, but will direct the inquiry to the Board. If the request is addressed to Contractor, Contractor will notify and consult with the Board and its legal counsel before replying. Nothing in the preceding sentence supersedes Contractor's obligations under this Agreement with respect to protection of LMRWD's data, property rights in data or confidentiality. Nothing in this section constitutes a determination that Contractor is performing a governmental function within the meaning of Minnesota Statutes Section 13.05, subdivision 11, or otherwise expands the applicability of the DPA beyond its scope under governing law.
9. **COMPLIANCE WITH LAWS:** Contractor shall comply with all applicable federal, state and local laws, regulations or ordinances in performance of Contractor's duties hereunder, such laws including but not limited to those relating to non-discrimination in hiring or labor practices.
10. **AUDIT:** The Contractor agrees that the LMRWD, the State Auditor, or any of their duly authorized representatives, at any time during normal business hours and as often as they may reasonably deem necessary shall have access to and the right to examine, audit, excerpt,

Bruce D. Malkerson  
Malkerson Gunn Martin LLP  
220 South Sixth Street, Suite 1900  
Minneapolis, MN 55402

WHEREUPON, the undersigned hereunder set their hands to this Agreement as of the day first above written.

NAIAD CONSULTING, LLC

By: Rinda Loomis  
Its: President

LOWER MINNESOTA RIVER WATERSHED  
DISTRICT

By: Kent Francis  
Its: President



**AMENDMENT TO  
ADMINISTRATOR AGREEMENT**

THIS AMENDMENT is made as of this 21<sup>st</sup> day of October, 2015, by and between the Lower Minnesota River Watershed District, a Minnesota Watershed District established in accordance with the Minnesota Watershed Act ("LMRWD") and Naiad Consulting, LLC, a Minnesota limited liability company (the "Contractor").

**RECITALS**

WHEREAS, LMRWD and Contractor entered into that certain Administrator Agreement dated November 25, 2013, and attached as **Exhibit 1** ("Agreement"); and

WHEREAS, LMRWD and Contractor wish to continue the Agreement with the amendments specified below:

NOW, THEREFORE, the parties agree as follows:

1. Section 11, Insurance, of the Agreement shall be replaced with the following:

"INSURANCE: Contractor shall, at all times during the Agreement and at its sole cost and expense, carry and maintain Commercial General Liability insurance covering claims for bodily injury, death, personal injury or property damage occurring or arising out of the performance of this Agreement, including coverage for independent contractor's protection (required if any work will be subcontracted), premises-operations, and contractual liability with respect to the liability assumed by Contractor hereunder. The limits of insurance shall not be less than:

Each Occurrence	\$ 1,000,000
General Aggregate Limit	\$ 1,000,000
Broad Form Property Damage	\$ 1,000,000

LMRWD shall be listed as an additional insured on each insurance policy required hereunder. Each insurance policy shall provide that it will not be canceled or amended except after thirty (30) days advance written notice to the additional insured parties. Contractor shall provide evidence of such insurance policies (certificates of insurance) to LMRWD upon execution of this Agreement and when requested by LMRWD in the future.

2. Section 14, Notices, of the Agreement shall be replaced with the following:

"NOTICES: Any notice or demand, authorized or required under this Agreement shall be in writing and shall be sent by certified mail to the other party as follows:

To the Contractor:

Naiad Consulting, LLC  
c/o Linda Loomis  
6677 Olson Highway  
Golden Valley, MN 55427

To the LMRWD:

President  
Lower Minnesota River Watershed District  
112 East Fifth Street, Suite 102  
Chaska, MN 55318

With a copy to:

The current President of the LMRWD *Yron ne*  
*Shirk* currently is the President and  
his address is:

11000 Territorial Dr  
Burnsville, MN 55337

And to:

The current attorney for the LMRWD  
John C. Kolb currently is the attorney  
and his address is:

John C. Kolb  
Rinke Noonan  
P.O. Box 1497  
St. Cloud, MN 56302-1497

3. In all other respects, the provisions set forth in the Agreement shall remain unchanged.

WHEREUPON, the undersigned hereunder set their hands to this Amendment as of the day first above written.

NAIAD CONSULTING, LLC

By *Linda R. Loomis*  
Its *owner/principal*

LOWER MINNESOTA RIVER  
WATERSHED DISTRICT

By *[Signature]*  
Its: President

AMENDMENT #2 TO  
ADMINISTRATOR AGREEMENT

THIS AMENDMENT is made as of this 7th day of January, 2019 by and between the Lower Minnesota River Watershed District, a Minnesota Watershed District established in accordance with the Minnesota Watershed Act ("LMRWD") and Naiad Consulting, LLC, a Minnesota limited liability company (the "Contractor")

RECITALS

WHEREAS, LMRWD and Contractor entered into that certain Administrator Agreement dated November 25, 2013, amended October 21, 2015 and attached as Exhibit 1 ("Agreement"); and

WHEREAS, LMRWD and Contractor wish to continue the Agreement with the amendments specified below:

NOW, THEREFORE, the parties agree as follows:

1. Section 2, Compensation of the agreement shall be replaced with the following:

"COMPENSATION: Contractor will be paid for Services at the rate of \$75 per hour. Contractor will be reimbursed for actual, reasonable and necessary out-of-pocket expenses including postage, photocopies, audiotapes, and printing. Mileage and time will be reimbursed for travel with the Minneapolis/ St. Paul seven-county metropolitan area. Travel outside the seven-county metropolitan area including mileage (State of Minnesota rate), meals and overnight accommodations must have the prior approval of the Board or its designee. The Board may specify vendors to be used by Contractor for reimbursable expenses, which vendors may include existing LMRWD consultants, member cities or other entities.

Contractor's billable hours will not exceed 150 hours per month, without the prior written approval of the Board or its authorized officers."

2. In all other respects, the provisions set forth in the Agreement, as amended, shall remain unchanged.

WHEREUPON, the undersigned hereunder set their hands to this Amendment as of the day first above written.

NAIAD CONSULTING, LLC

By: Linda R. Loomis

Its: Owner/Principal

LOWER MINNESOTA RIVER  
WATERSHED DISTRICT

By: [Signature]

Its: President



AMENDMENT #2 TO  
ADMINISTRATOR AGREEMENT

THIS AMENDMENT is made as of this 17th day of January, 2024 by and between the Lower Minnesota River Watershed District, a Minnesota Watershed District established in accordance with the Minnesota Watershed Act ("LMRWD") and Naiad Consulting, LLC, a Minnesota limited liability company (the "Contractor")

RECITALS

WHEREAS, LMRWD and Contractor entered into that certain Administrator Agreement dated November 25, 2013, amended October 21, 2015 and January 7, 2019 and attached as Exhibit 1 ("Agreement"); and

WHEREAS, LMRWD and Contractor wish to continue the Agreement with the amendments specified below:

NOW, THEREFORE, the parties agree as follows:

1. Section 2, Compensation of the agreement shall be replaced with the following:

"COMPENSATION: Contractor will be paid for Services at the rate of \$90 per hour. Contractor will be reimbursed for actual, reasonable and necessary out-of-pocket expenses including postage, photocopies, audiotapes, and printing. Mileage and time will be reimbursed for travel with the Minneapolis/ St. Paul seven-county metropolitan area. Travel outside the seven-county metropolitan area including mileage (State of Minnesota rate), meals and overnight accommodations must have the prior approval of the Board or its designee. The Board may specify vendors to be used by Contractor for reimbursable expenses, which vendors may include existing LMRWD consultants, member cities or other entities.

Contractor's billable hours will not exceed 150 hours per month, without the prior written approval of the Board or its authorized officers."

2. In all other respects, the provisions set forth in the Agreement, as amended, shall remain unchanged.

WHEREUPON, the undersigned hereunder set their hands to this Amendment as of the day first above written.

NAIAD CONSULTING, LLC

BY: \_\_\_\_\_

Its: Owner/Principal

LOWER MINNESOTA RIVER WATERSHED DISTRICT

BY: \_\_\_\_\_

Its: President



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

#### Item 5. I. - Authorize reimbursement to Carver County for Chaska Creek Re-meander Project

#### Prepared By

Linda Loomis, Administrator

#### Summary

In 2019, Carver County Water Management Organization (CCWMO) approached the LMRWD about partnering on a project to reduce sediment in West Chaska Creek. The Board agreed with the premise of the project and in 2020, entered into a cooperative agreement with the CCWMO.

The actual project is located upstream of the boundaries of the LMRWD. The project, as proposed, planned to re-meander approximately 1,100 linear feet of a ditched segment of West Chaska Creek. Lengthening the channel (by introducing meanders) will reduce water velocity, lower shear stress on the banks, reconnect the creek to its floodplain and reduce the amount of sediment transported downstream to the Minnesota River. Based on upstream reference reaches and changes observed since the creek was straightened, the projects proposed reduction in Total Suspended Solids (TSS) is estimated at 4,400 pounds per year for 30 years. This project is a partnership with Carver County WMO, who is responsible for development and execution of the project. The LMRWD agreed to contribute \$50,000 to the project. Payment of \$27,441 for the first phase of the project was made in June 2022. The final invoice for \$22,559 was received in January 2024. Tim Sundby, Water Resources Supervisor for the Carver County WMO offered to host a tour of the project.

West Chaska Creek is on the 2024 draft 303d Impaired Waters list. Upstream of Creek Road, where this project is located, the affected designated use for the Creek is Aquatic Life. Fish bioassessments and Benthic macroinvertebrates bioassessments are the listed pollutant or stressor. Downstream of Creek Road, Aquatic Recreation is the affected designated use impairment of the Creek by Fecal Coliform.

#### Attachments

- Invoice PWM-23-004 and supporting documents
- Cost Share Agreement between the Lower Minnesota River Watershed District and the Carver County Water Management Organization
- Invoice PWM-22-007 and supporting documents

#### Recommended Action

Motion to authorize reimbursement for Phase 2 of the West Chaska Creek Re-meander Project





<b>Invoice Number</b>	2057192
<b>Invoice Date</b>	March 21, 2023
<b>Purchase Order</b>	STAN22-0001
<b>Customer Number</b>	165470
<b>Project Number</b>	227705172

**Bill To**

Carver County, MN  
 Paul Moline  
 Dept. of Planning & Zoning  
 600 East Fourth Street  
 Chaska MN 55318-2185  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

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<b>Project</b>	<b>Chaska Creek Remeander Phase 2</b>			
	Project Manager	Torve, Kent C	For Period Ending	<b>February 3, 2023</b>
	Current Invoice Total (USD)	62.50		

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Accounting to email to [klarson@co.carver.mn.us](mailto:klarson@co.carver.mn.us) and [kkoll@co.carver.mn.us](mailto:kkoll@co.carver.mn.us). Agreement STAN22-0001

**Top Task**                      **100**                      **Professional Services**

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Wyers, Nicholas P (Nick)	0.50	125.00	62.50
<b>Subtotal Professional Services</b>	0.50		62.50
Top Task Subtotal      Professional Services			62.50
		<b>Total Fees &amp; Disbursements</b>	62.50
		<b>INVOICE TOTAL (USD)</b>	<b>62.50</b>

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**Due upon receipt or in accordance with terms of the contract**

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Billing Backup

Date	Project	Task	Expend Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment	AP Ref. #
2023-02-01	227705172	100.01	Direct - Regular	WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	REVIEW PLANS AND SPECIFICATIONS	
<b>Total Labor:</b>					<b>0.50</b>		<b>\$62.50</b>		
<b>Total subTask 100.01</b>					<b>0.50</b>		<b>\$62.50</b>		
<b>Total Project 227705172</b>					<b>0.50</b>		<b>\$62.50</b>		

<b>Invoice Number</b>	2085690
<b>Invoice Date</b>	May 31, 2023
<b>Purchase Order</b>	STAN22-0001
<b>Customer Number</b>	165470
<b>Project Number</b>	227705172

**Bill To**

Carver County, MN  
 Paul Moline  
 Dept. of Planning & Zoning  
 600 East Fourth Street  
 Chaska MN 55318-2185  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

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<b>Project</b>	<b>Chaska Creek Remeander Phase 2</b>			
	Project Manager	Torve, Kent C	For Period Ending	<b>April 28, 2023</b>
	Current Invoice Total (USD)	5,198.00		

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Accounting to email to [klarson@co.carver.mn.us](mailto:klarson@co.carver.mn.us) and [kkoll@co.carver.mn.us](mailto:kkoll@co.carver.mn.us). Agreement STAN22-0001

<b>Top Task</b>	<b>100</b>	<b>Professional Services</b>
<b>Low Task</b>	<b>100.01</b>	<b>Plans</b>

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Wyers, Nicholas P (Nick)	30.00	125.00	3,750.00
Schroeher, Mark J	7.00	187.00	1,309.00
<b>Subtotal Professional Services</b>	<u>37.00</u>		<u>5,059.00</u>

Low Task Subtotal	<b>Plans</b>	5,059.00
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<b>Low Task</b>	<b>100.03</b>	<b>Construction</b>
<b>Professional Services</b>		

Category/Employee	Current Hours	Rate	Current Amount
Gregg, Tess Elizabeth	1.00	139.00	139.00
<b>Subtotal Professional Services</b>	<u>1.00</u>		<u>139.00</u>

Low Task Subtotal	<b>Construction</b>	139.00
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Top Task Subtotal	Professional Services	5,198.00
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<b>Total Fees &amp; Disbursements</b>	<u>5,198.00</u>
<b>INVOICE TOTAL (USD)</b>	<b>5,198.00</b>

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**Due upon receipt or in accordance with terms of the contract**



Billing Backup - Roster

Date	Project	Task	Expend Type	Employee Billing Title	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment	AP Ref. #
2023-03-15	227705172	100.01	Direct - Regular		SCHROEHER, MARK J	4.00	187.00	748.00	DRAWING AND SPECIFICATION REVIEW	
2023-03-16	227705172	100.01	Direct - Regular		SCHROEHER, MARK J	2.00	187.00	374.00	DRAWING AND SPECIFICATION REVIEW	
2023-03-20	227705172	100.01	Direct - Regular		SCHROEHER, MARK J	0.25	187.00	46.75	DRAWING AND SPECIFICATION REVIEW	
2023-03-29	227705172	100.01	Direct - Regular		SCHROEHER, MARK J	0.75	187.00	140.25	QC REVIEW DISCUSSION WITH NICK WYERS	
2023-02-06	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	UPDATE PLANS AND SPECIFICATIONS	
2023-03-05	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.75	125.00	218.75	UPDATE PLANS AND SPECS FOR COUNTY RISK REVIEW	
2023-03-06	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	10.25	125.00	1,281.25	UPDATE PLANS AND SPECS FOR COUNTY RISK REVIEW	
2023-03-07	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	2.00	125.00	250.00	UPDATE PLANS AND SPECS FOR COUNTY RISK REVIEW	
2023-03-10	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	COUNTY COORDINATION	
2023-03-29	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.00	125.00	125.00	UPDATE PLANS AND SPECIFICATIONS	
2023-04-05	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	UPDATE SPECIFICATIONS FOR BIDDING	
2023-04-11	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	6.00	125.00	750.00	UPDATE PLANS AND SPECIFICATIONS FOR BIDDING	
2023-04-12	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.25	125.00	156.25	UPDATE PLANS AND SPECIFICATIONS FOR BIDDING	
2023-04-18	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.00	125.00	125.00	UPDATE PLANS AND SPECIFICATIONS FOR BIDDING	
2023-04-19	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	2.50	125.00	312.50	UPDATE PLANS AND SPECIFICATIONS FOR BIDDING	
2023-04-20	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	2.25	125.00	281.25	UPDATE PLANS AND SPECIFICATIONS FOR BIDDING	
2023-04-27	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	DESIGN COORDINATION	
<b>Total subTask 100.01</b>						<b>37.00</b>		<b>\$5,059.00</b>		
2023-04-20	227705172	100.03	Direct - Regular		GREGG, TESS ELIZABETH	0.50	139.00	69.50	PROJECT COORDINATION/QUESTCDN	
2023-04-21	227705172	100.03	Direct - Regular		GREGG, TESS ELIZABETH	0.50	139.00	69.50	PROJECT COORDINATION/QUESTCDN	
<b>Total subTask 100.03</b>						<b>1.00</b>		<b>\$139.00</b>		
<b>Total Project 227705172</b>						<b>38.00</b>		<b>\$5,198.00</b>		



1221 4th Avenue E., #155  
Shakopee, Minnesota 55379

**(952) 445-3333**

Advertising Statement

1  Billing Period 05/2023		2  Advertiser/Client Name CARVER COUNTY WATERSHED	
23  Total Amount Due 30.94		*Unapplied Amount	3  Terms of Payment
21  Current Net Amount Due 30.94	22  30 Days .00	60 Days .00	Over 90 Days .00
4  Page Number 1	5  Billing Date 05/31/23	6  Billed Account Number 392890	7  Advertiser/Client Number LEGAL. 392890

8  Billed Account Name and Address CARVER COUNTY WATERSHED TIM SUNDBY 600 E 4TH ST CHASKA MN 55318		Amount Paid:  Comments:
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Please Return Upper Portion With Payment

10  Date	11  Reference	12 13 14  Description-Other Comments/Charges	15  SAU Size 16  Billed Units	17  Times Run 18  Rate	19  Gross Amount	20  Net Amount
05/18/23	2183650 LEGAL	LEGAL #6843, 2 WKS AD FOR BID SECTION 001 CHHE	1.0X14.00 14.00	1 0.00	30.94	30.94

**Statement of Account - Aging of Past Due Amounts**

Due date: 06/20/23

21  Current Net Amount Due 30.94	22  30 Days 0.00	60 Days 0.00	Over 90 Days 0.00	*Unapplied Amount	23  Total Amount Due 30.94
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**SOUTHWEST NEWS MEDIA**  
Chanhassen Villager ■ Chaska Herald  
Jordan Independent ■ Prior Lake American  
Savage Pacer ■ Shakopee Valley News ■ Southwest Saturday

Mailing address:  
1221 4th Ave. E #155, Shakopee, MN 55379

\* UNAPPLIED AMOUNTS ARE INCLUDED IN TOTAL AMOUNT DUE

24  Invoice Number 392890	25  Advertiser Information		
1  Billing Period 05/2023	6  Billed Account Number 392890	7  Advertiser/Client Number 392890	2  Advertiser/Client Name CARVER COUNTY WATERSHED





Billing Backup - Roster

Date	Project	Task	Expend Type	Employee Billing Title	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment	AP Ref. #
2023-05-30	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.00	125.00	125.00	CONTRACTOR COORDINATION, BIDDING COORDINATION	
2023-05-31	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	CONTRACTOR COORDINATION, BIDDING COORDINATION	
				<b>Total subTask 100.01</b>		<b>1.50</b>		<b>\$187.50</b>		
2023-06-06	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	CONTRACT COORDINATION	
2023-06-07	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	CONTRACT COORDINATION	
2023-06-12	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	CONTRACT AND CONTRACTOR COORDINATION	
2023-06-13	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	CONTRACT AND CONTRACTOR COORDINATION	
2023-06-14	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.25	125.00	31.25	CONTRACT AND CONTRACTOR COORDINATION	
				<b>Total subTask 100.03</b>		<b>2.25</b>		<b>\$281.25</b>		
				<b>Total Project 227705172</b>		<b>3.75</b>		<b>\$468.75</b>		

<b>Invoice Number</b>	2118739
<b>Invoice Date</b>	August 18, 2023
<b>Purchase Order</b>	STAN22-0001
<b>Customer Number</b>	165470
<b>Project Number</b>	227705172

**Bill To**

Carver County, MN  
 Paul Moline  
 Dept. of Planning & Zoning  
 600 East Fourth Street  
 Chaska MN 55318-2185  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

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<b>Project</b>	<b>Chaska Creek Remeander Phase 2</b>			
	Project Manager	Torve, Kent C	For Period Ending	<b>August 4, 2023</b>
	Current Invoice Total (USD)	366.00		

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Accounting to email to [klarson@co.carver.mn.us](mailto:klarson@co.carver.mn.us) and [kkoll@co.carver.mn.us](mailto:kkoll@co.carver.mn.us). Agreement STAN22-0001

<b>Top Task</b>	<b>100</b>	<b>Professional Services</b>
<b>Low Task</b>	<b>100.03</b>	<b>Construction</b>

**Professional Services**

<b>Category/Employee</b>	<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
Doerr, Sylvia M	1.00	145.00	145.00
Wyers, Nicholas P (Nick)	0.25	172.00	43.00
Wyers, Nicholas P (Nick)	1.00	178.00	178.00
<b>Subtotal Professional Services</b>	2.25		366.00

Low Task Subtotal	<b>Construction</b>	366.00
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Top Task Subtotal	Professional Services	366.00
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<b>Total Fees &amp; Disbursements</b>	366.00
<b>INVOICE TOTAL (USD)</b>	<b>366.00</b>

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**Net Due in 14 Days or in accordance with terms of the contract**

Billing Backup - Roster

Date	Project	Task	Expend Type	Employee Billing Title	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment	AP Ref. #
2023-08-02	227705172	100.03	Direct - Regular		DOERR, SYLVIA M	1.00	145.00	145.00	DROVE TO CHASKA FOR WEST CHASKA CREEK RESTORATION REMEANDER PHASE 2 PRE-CONSTRUCTION MEETING WITH NICK	
2023-07-06	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.25	172.00	43.00	CONTRACTOR COORDINATION	
2023-07-25	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.75	178.00	133.50	CONTRACTOR COORDINATION, PRECONSTRUCTION COORDINATION	
2023-07-26	227705172	100.03	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.25	178.00	44.50	CONTRACTOR COORDINATION	
<b>Total subTask 100.03</b>						<b>2.25</b>		<b>\$366.00</b>		
<b>Total Project 227705172</b>						<b>2.25</b>		<b>\$366.00</b>		



<b>Invoice Number</b>	2094710
<b>Invoice Date</b>	June 21, 2023
<b>Purchase Order</b>	STAN22-0001
<b>Customer Number</b>	165470
<b>Project Number</b>	227705172

**Bill To**

Carver County, MN  
 Paul Moline  
 Dept. of Planning & Zoning  
 600 East Fourth Street  
 Chaska MN 55318-2185  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

<b>Project</b>	<b>Chaska Creek Remeander Phase 2</b>			
	Project Manager	Torve, Kent C	For Period Ending	<b>May 26, 2023</b>
	Current Invoice Total (USD)	3,152.52		

Accounting to email to [klarson@co.carver.mn.us](mailto:klarson@co.carver.mn.us) and [kkoll@co.carver.mn.us](mailto:kkoll@co.carver.mn.us). Agreement STAN22-0001

**Top Task**                    **100**                    **Professional Services**  
**Low Task**                    **100.01**                    **Plans**

**Professional Services**

<b>Category/Employee</b>	<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
Wyers, Nicholas P (Nick)	25.00	125.00	3,125.00
<b>Subtotal Professional Services</b>	<u>25.00</u>		<u>3,125.00</u>

**Disbursements**

Direct - Vehicle (mileage)	27.52
<b>Subtotal Disbursements</b>	<u>27.52</u>

Low Task Subtotal	<b>Plans</b>	3,152.52
Top Task Subtotal	Professional Services	3,152.52
<b>Total Fees &amp; Disbursements</b>		<u>3,152.52</u>
<b>INVOICE TOTAL (USD)</b>		<b>3,152.52</b>

**Due upon receipt or in accordance with terms of the contract**

Billing Backup - Roster

Date	Project	Task	Expend Type	Employee Billing Title	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment	AP Ref. #
2023-05-01	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	UPDATE PLANS FOR BIDDING	
2023-05-03	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.00	125.00	125.00	UPDATE PLANS FOR BIDDING	
2023-05-15	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	BIDDING - CONTRACTOR QUESTION COORDINATION	
2023-05-16	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.00	125.00	125.00	BIDDING - CONTRACTOR QUESTION COORDINATION	
2023-05-17	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	2.00	125.00	250.00	PRE BID MEETING AND CONTRACTOR COORDINATION	
2023-05-18	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	1.00	125.00	125.00	BIDDING - CONTRACTOR QUESTION COORDINATION	
2023-05-19	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	3.50	125.00	437.50	ADDENDUM UPDATE AND COORDINATION	
2023-05-22	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	5.75	125.00	718.75	UPDATE PLANS AND SPECIFICATIONS FOR ADDENDUM	
2023-05-23	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	4.50	125.00	562.50	UPDATE PLANS AND SPECIFICATIONS FOR ADDENDUM	
2023-05-25	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	4.75	125.00	593.75	BID OPENING AND COORDINATION	
2023-05-26	227705172	100.01	Direct - Regular		WYERS, NICHOLAS P (NICK)	0.50	125.00	62.50	CONTRACTOR COORDINATION	US4313152
2023-05-17	227705172	100.01	Direct - Vehicle (mileage)		WYERS, NICHOLAS P (NICK)	13.76	1.00	13.76	SITE VISIT	US4313152
2023-05-22	227705172	100.01	Direct - Vehicle (mileage)		WYERS, NICHOLAS P (NICK)	13.76	1.00	13.76	SITE VISIT	US4313152
<b>Total subTask 100.01</b>						<b>52.52</b>		<b>\$3,152.52</b>		
<b>Total Project 227705172</b>						<b>52.52</b>		<b>\$3,152.52</b>		

<b>Invoice Number</b>	2155023
<b>Invoice Date</b>	November 9, 2023
<b>Purchase Order</b>	STAN22-0001
<b>Customer Number</b>	165470
<b>Project Number</b>	227705172

**Bill To**

Carver County, MN  
 Paul Moline  
 Dept. of Planning & Zoning  
 600 East Fourth Street  
 Chaska MN 55318-2185  
 United States

**Please Remit To**

Stantec Consulting Services Inc. (SCSI)  
 13980 Collections Center Drive  
 Chicago IL 60693  
 United States

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<b>Project</b>	<b>Chaska Creek Remeander Phase 2</b>			
	Project Manager	Torve, Kent C	For Period Ending	<b>September 29, 2023</b>
	Current Invoice Total (USD)	12,780.70		

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Accounting to email to [klarson@co.carver.mn.us](mailto:klarson@co.carver.mn.us) and [kkoll@co.carver.mn.us](mailto:kkoll@co.carver.mn.us). Agreement STAN22-0001

<b>Top Task</b>	<b>100</b>	<b>Professional Services</b>
<b>Low Task</b>	<b>100.03</b>	<b>Construction</b>

**Professional Services**

<b>Category/Employee</b>	<b>Current Hours</b>	<b>Rate</b>	<b>Current Amount</b>
Wyers, Nicholas P (Nick)	36.25	125.00	4,531.25
Doerr, Sylvia M	56.00	133.00	7,448.00
Otto, Benjamin Jung (Ben)	1.00	142.00	142.00
Matthiesen, Edward Armin (Ed)	1.75	220.00	385.00
<b>Subtotal Professional Services</b>	<b>95.00</b>		<b>12,506.25</b>

**Disbursements**

Direct - Vehicle (mileage)	274.45
<b>Subtotal Disbursements</b>	<b>274.45</b>

Low Task Subtotal	<b>Construction</b>	12,780.70
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Top Task Subtotal	Professional Services	12,780.70
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<b>Total Fees &amp; Disbursements</b>	<b>12,780.70</b>
<b>INVOICE TOTAL (USD)</b>	<b>12,780.70</b>

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**Net Due in 14 Days or in accordance with terms of the contract**



Date	Project	Task	Expend Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment
9/18/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	10	133	1330	Chaska Creek Remainder Construction Oversight
9/19/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	2	133	266	Chaska Creek Remainder Construction Oversight
9/21/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	11.75	133	1562.75	Chaska Creek Remainder Construction Oversight
9/22/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	5	133	665	Chaska Creek Remainder Construction Oversight
9/15/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	6.25	133	831.25	Construction observation
9/15/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	7.5	133	997.5	Construction Oversight
9/12/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	7.5	133	997.5	Construction observation
9/14/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	4.5	133	598.5	Construction observation
9/11/2023	227705172	100.03	Direct - Regular	Doerr, Sylvia M	1.5	133	199.5	Construction plan set and project manual review
9/28/2023	227705172	100.03	Direct - Regular	Otto, Benjamin Jung (Ben)	1	142	142	Project catch up meeting. Meeting with Tim to review photos and contractor repair items.
9/19/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	5.5	125	687.5	construction observation and documentation, contractor coordination
9/18/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	4	125	500	construction observation and documentation, contractor coordination
9/21/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	4.75	125	593.75	construction observation and documentation, contractor coordination, City coordination
9/22/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	1	125	125	construction observation and documentation, contractor coordination
9/27/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	0.5	125	62.5	contractor coordination
9/28/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	1.75	125	218.75	site visit, client coordination, project coordination
9/29/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	1.5	125	187.5	site visit, client coordination
9/5/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	2.5	125	312.5	site visit, construction observation and documentation
9/6/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	3.25	125	406.25	site visit, construction observation and documentation
9/7/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	1.75	125	93.75	site visit, construction observation and documentation
9/8/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	1.5	125	187.5	site visit, construction observation and documentation
9/11/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	2	125	250	construction observation and documentation
9/13/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	2	125	250	construction observation and documentation
9/14/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	0.5	125	62.5	construction coordination
9/15/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	0.25	125	31.25	construction coordination
9/20/2023	227705172	100.03	Direct - Regular	Wyers, Nicholas P (Nick)	2	125	250	construction observation and documentation, contractor coordination
9/12/2023	227705172	100.03	Direct - Regular	Matthiesen, Edward Armin (Ed)	1.75	220	385	Site visit w/ Nick W. and Sylvia to look at root wads and general construction.
			<b>Total Sub Task 100.003 - Labor</b>		<b>95.00</b>		<b>\$12,506.25</b>	
9/20/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	13.1	1	13.1	site visit
9/22/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	13.1	1	13.1	site visit
9/23/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	13.1	1	13.1	site visit
9/12/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	23.58	1	23.58	site visit
9/6/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	24.89	1	24.89	site visit
9/11/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	13.1	1	13.1	site visit
9/5/2023	227705172	100.03	Direct - Vehicle (mileage)	Wyers, Nicholas P (Nick)	13.1	1	13.1	site visit
9/21/2023	227705172	100.03	Direct - Vehicle (mileage)	Doerr, Sylvia M	26.2	1	26.2	Driving to and from the office for construction oversight at Chaska Creek Remainder.
9/22/2023	227705172	100.03	Direct - Vehicle (mileage)	Doerr, Sylvia M	26.2	1	26.2	Driving to and from the office for construction oversight at Chaska Creek Remainder.
9/18/2023	227705172	100.03	Direct - Vehicle (mileage)	Doerr, Sylvia M	26.2	1	26.2	Driving to and from the office for construction oversight at Chaska Creek Remainder.
9/12/2023	227705172	100.03	Direct - Vehicle (mileage)	Doerr, Sylvia M	26.2	1	26.2	Driving to and from the office for construction oversight at Chaska Creek Remainder.
9/12/2023	227705172	100.03	Direct - Vehicle (mileage)	Matthiesen, Edward Armin (Ed)	29.48	1	29.48	Travel home to site RT
9/5/2023	227705172	100.03	Direct - Vehicle (mileage)	Doerr, Sylvia M	26.2	1	26.2	Driving to and from the office for construction oversight at Chaska Creek Remainder.
			<b>Total Sub Task 100.003 - Labor</b>		<b>274.45</b>		<b>\$274.45</b>	
			<b>Total Project 227705172</b>				<b>\$12,780.70</b>	

Pay Request #3  
 Carver County Water Management Organization  
 West Chaska Creek Remeander: Phase 2  
 Project Number: 227705172  
 12/5/2023

LINE NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	COMPLETED TO DATE		Less Previous Payments		PAY REQUEST #3 December 2023	
						QUANTITY	COST	QUANTITY	COST	QUANTITY	COST
<b>BASE BID:</b>											
1	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	1	\$ 8,000.00	\$ 8,000.00	1	\$ 8,000.00	0.0	\$ 8,000.00	0.25	\$ 2,000.00
2	TRAFFIC CONTROL	LUMP SUM	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00	0.0	\$ 3,750.00	0.25	\$ 1,250.00
3	REMOVE SEWER PIPE (STORM)	LIN FT	143	\$ 9.00	\$ 1,287.00	100	\$ 900.00	100.0	\$ 900.00	0.0	\$ -
4	REMOVE FLARED END SECTION	EACH	1	\$ 385.00	\$ 385.00	1	\$ 385.00	1.0	\$ 385.00	0.0	\$ -
5	REMOVE SILT FENCE	LIN FT	4500	\$ 0.55	\$ 2,475.00	300	\$ 165.00	0.0	\$ -	300.0	\$ 165.00
6	CLEAR AND GRUB TREE	EACH	30	\$ 400.00	\$ 12,000.00	41	\$ 16,400.00	41.0	\$ 16,400.00	0.0	\$ -
7	ADJUST FRAME AND RING CASTING	EACH	1	\$ 600.00	\$ 600.00	1	\$ 600.00	0.0	\$ -	1.0	\$ 600.00
8	COMMON EXCAVATION - ONSITE (EV)	CU YD	2910	\$ 6.50	\$ 18,915.00	3970	\$ 25,805.00	970.0	\$ 6,305.00	3,000.0	\$ 19,500.00
9	COMMON EXCAVATION - OFFSITE (EV)	CU YD	1910	\$ 22.00	\$ 42,020.00	850	\$ 18,700.00	1,000.0	\$ 22,000.00	-190.0	\$ (3,300.00)
10	SALVAGE AND RESPREAD TOPSOIL	LUMP SUM	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00	0.9	\$ 2,250.00	0.1	\$ 250.00
11	FABRIC ENCAPSULATED SOIL LIFTS	LIN FT	550	\$ 56.00	\$ 30,800.00	550	\$ 30,800.00	550.0	\$ 30,800.00	0.0	\$ -
12	RANDOM RIPRAP, CLASS II	TON	500	\$ 74.00	\$ 37,000.00	542	\$ 40,108.00	542.0	\$ 40,108.00	0.0	\$ -
13	RANDOM RIPRAP, CLASS III - CROSS VANE	TON	20	\$ 79.00	\$ 1,580.00	20	\$ 1,580.00	20.0	\$ 1,580.00	0.0	\$ -
14	GRANULAR FILTER MATERIAL	TON	20	\$ 53.00	\$ 1,060.00	19	\$ 1,007.00	19.0	\$ 1,007.00	0.0	\$ -
15	INLET PROTECTION - MAINTAINED	EACH	13	\$ 145.00	\$ 1,885.00	11	\$ 1,595.00	11.0	\$ 1,595.00	0.0	\$ -
16	SILT FENCE, TYPE MS - MAINTAINED	LIN FT	1450	\$ 2.50	\$ 3,625.00	1400	\$ 3,500.00	1,400.0	\$ 3,500.00	0.0	\$ -
17	FLOATING SILT CURTAIN, TYPE HEAVY DUTY - MAINTAINED	LIN FT	120	\$ 16.00	\$ 1,920.00	60	\$ 960.00	60.0	\$ 960.00	0.0	\$ -
18	SEDIMENT CONTROL LOG TYPE STRAW - MAINTAINED	LIN FT	780	\$ 3.50	\$ 2,730.00	810	\$ 2,835.00	450.0	\$ 1,575.00	390.0	\$ 1,365.00
19	STABILIZED CONSTRUCTION ENTRANCE - MAINTAINED	LUMP SUM	1	\$ 1,200.00	\$ 1,200.00	1	\$ 1,200.00	1.0	\$ 1,200.00	0.0	\$ -
20	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	10	\$ 165.00	\$ 1,650.00	3	\$ 495.00	3.0	\$ 495.00	0.0	\$ -
21	ROOT WADS	EACH	42	\$ 285.00	\$ 11,970.00	35	\$ 9,975.00	35.0	\$ 9,975.00	0.0	\$ -
22	SEEDING	ACRE	2.4	\$ 1,100.00	\$ 2,640.00	2.6	\$ 2,860.00	0.0	\$ -	2.6	\$ 2,860.00
23	SEED, MIXTURE 34-261	POUND	70	\$ 39.00	\$ 2,730.00	54	\$ 2,106.00	0.0	\$ -	54.0	\$ 2,106.00
24	SEED, MIXTURE 35-221	POUND	10	\$ 45.00	\$ 450.00	43	\$ 1,735.00	0.0	\$ -	43.0	\$ 1,935.00
25	TEMPORARY SEEDING, SEED MIX 21-112	ACRE	2.4	\$ 1,000.00	\$ 2,400.00	0	\$ -	0.0	\$ -	0.0	\$ -
26	EROSION CONTROL BLANKET, CATEGORY 25	SQ YD	6400	\$ 2.50	\$ 16,000.00	8200	\$ 20,500.00	1,738.0	\$ 4,345.00	4,462.0	\$ 11,155.00
27	COIR EROSION CONTROL MAT	SQ YD	1040	\$ 5.60	\$ 5,824.00	1102	\$ 6,171.20	1,102.0	\$ 6,171.20	0.0	\$ -
28	HYDRAULIC MATRIX, TYPE BONDED FIBER MATRIX (BFM)	POUND	6000	\$ 1.70	\$ 10,200.00	4720	\$ 8,024.00	0.0	\$ -	4,720.0	\$ 8,024.00
29	CONIFEROUS TREE 6' HT B&B	EACH	5	\$ 930.00	\$ 4,650.00	5	\$ 4,650.00	0.0	\$ -	5.0	\$ 4,650.00
30	CONIFEROUS TREE 8' HT B&B	EACH	1	\$ 1,030.00	\$ 1,030.00	1	\$ 1,030.00	0.0	\$ -	1.0	\$ 1,030.00
31	DECIDUOUS TREE 2.5" CAL B&B	EACH	2	\$ 930.00	\$ 1,860.00	2	\$ 1,860.00	0.0	\$ -	2.0	\$ 1,860.00
32	DECIDUOUS TREE 3" CAL B&B	EACH	1	\$ 1,030.00	\$ 1,030.00	1	\$ 1,030.00	0.0	\$ -	1.0	\$ 1,030.00
33	ORNAMENTAL TREE, 2" CAL B&B	EACH	5	\$ 1,100.00	\$ 5,500.00	5	\$ 5,500.00	0.0	\$ -	5.0	\$ 5,500.00
34	DECIDUOUS SHRUB, NO 5 CONT	EACH	6	\$ 375.00	\$ 2,250.00	6	\$ 2,250.00	0.0	\$ -	6.0	\$ 2,250.00
35	CONSTRUCT, MAINTAIN & RESTORE SITE ACCESS, CHANNEL CROSSING & STAGING AREA	LUMP SUM	1	\$ 4,400.00	\$ 4,400.00	1	\$ 4,400.00	0.9	\$ 3,960.00	0.1	\$ 440.00
<b>TOTAL BASE BID:</b>					<b>\$ 249,496.00</b>	<b>\$ 229,931.20</b>	<b>\$ 185,261.20</b>	<b>\$ 64,670.00</b>			

TOTAL ORIGINAL CONTRACT: \$ 249,496.00      \$ 229,931.20      \$ 185,261.20      \$ 64,670.00

CONTRACT SUMMARY			
ORIGINAL CONTRACT AWARD AMOUNT	\$ 249,496.00	COMPLETE TO DATE	PAY REQUEST #3
		SUBTOTAL	\$ 229,931.20
CURRENT RETAINAGE (1%)	\$ 2,494.96	\$ 8,263.06	\$ 646.70
<b>TOTAL CURRENT PAY REQUEST</b>		<b>\$ 227,631.83</b>	<b>\$ 64,023.30</b>


**SECTION 00 62 76**  
**APPLICATION FOR PAYMENT FORM**

OWNER: Carver County  
PROJECT: West Chaska Creek Remeander: Phase 2  
CONTRACTOR: Bituminous Roadways, Inc.

PAY ESTIMATE NO. 3

Original Contract Amount:	<u>\$ 249,496.00</u>
Contract Changes approved to Date (List Change Order Numbers):	<u>N/A</u>
Revised Contract Price :	<u>\$ 249,496.00</u>
Work Completed to Date (attached):	<u>\$ 229,931.20</u>
Retainage to Date, 5%: <i>1% - Meets Substantial Completion (TS 12/13)</i>	<u>\$ 2,299.31</u>
Work Completed to Date Less Retainage to Date:	<u>\$ 227,631.89</u>
Total Amount Previously Certified:	<u>\$ 156,998.14</u>
Payment Request This Estimate:	<u>\$ 70,633.75</u>

I declare under penalty of perjury that this account, claim, or demand is just and correct and that no part of it has been paid.

  
\_\_\_\_\_  
CONTRACTOR



**CERTIFICATE OF CONTRACTOR**

I hereby certify that the work and the materials supplied to date, as shown on the request for payment, represents the actual value of accomplishment under the terms of the contract dated 06/13/2023 between between the County of Carver (OWNER) and Bituminous Roadways, Inc. (CONTRACTOR) and all authorized changes therto:

By Garrett Jedlicki  
Garrett Jedlicki  
Title Manager

Approval:

(CONTRACTOR)

Garrett Jedlicki Date 12/17/23

STANTEC CONSULTING SERVICES, INC.

Rebecca Rogers Date 12/8/2023

COUNTY OF CARVER

[Signature] Date 12/13/2023

END OF SECTION



## **Cost Share Agreement between the Lower Minnesota River Watershed District and the Carver County Water Management Organization**

**Project Lead:** Carver County Water Management Organization  
(Name, address, telephone and email) Paul Moline, Planning and Water Management Manager  
600 E 4<sup>th</sup> Street  
Chaska, MN 55318  
952-361-1825  
pmoline@co.carver.mn.us

**Project** Lower Minnesota River Watershed District  
**Cooperator:** Linda Loomis, Administrator  
(Name, address, telephone and email) 112 East 5th Street, #102  
Chaska, MN 55318  
763-545-4659  
naiadconsulting@gmail.com

**Location (County):** Carver

This agreement dated \_\_\_\_\_ between Carver County Water Management Organization (CCWMO) and the Lower Minnesota River Watershed District (LMRWD) is entered into in order to establish stormwater BMPs as outlined within this agreement.

This Agreement covers lands in T 115 N, R 23 W, S. 6 adjacent and within the following watercourse West Chaska Creek (AUID: 07020012-802), as specified in the project proposal. The term of this Agreement shall be ten (10) years from the date of project construction completion.

### **I. Project Summary:**

- A) The project will re-meander approximately 1,100 linear feet of a ditched segment of West Chaska Creek – resulting in a longer, more sinuous channel that more closely mimics unaltered channel conditions.
- B) Lengthening the channel will reduce water speeds, lower shear stress on the banks, reduce numbers and frequency of bank failure, reconnect the stream to its floodplain, and reduce the amount of sediment transported downstream. Based on upstream reference reaches and changes observed since the stream was straightened, the re-meander project will reduce total suspended solids by an estimated 4,400 lbs/yr.
- C) LMRWD will reimburse CCWMO \$50,000 of documented project costs.
- D) This project is Phase 2 of the West Chaska Creek Remeander Project. Phase 2 will incorporate connecting the existing ditch to five meanders that were completed in Phase 1, the disconnection of a tile line main from the ditch to a new shallow depression, plugging of the ditch between meanders, final grading, and planting of native vegetation.

### **II. CCWMO RESPONSIBILITIES**

- A) The CCWMO is responsible for maintaining the project for a period of ten (10) years to ensure that the conservation objective of this practice is met. CCWMO will return to LMRWD any cost share funds it already received under paragraph II. B, in the event that this condition is not satisfied. Minimum maintenance includes watering when needed during the first year or two and removing all invasive and exotic species that encroach on the project as discovered.



- B) CCWMO agrees to the terms of installation, maintenance and monitoring outlined in the approved project proposal. Construction of the project will be in accordance with good engineering practices and generally accepted guidelines for Best Management Practices. Acceptable guidelines include Local Water Plan Standards, Rules and Regulations and the MPCA guidelines within "Stormwater Manual".
- C) CCWMO agrees to allow LMRWD access to the project area for construction, maintenance, evaluation and monitoring of the project during installation and post completion. CCWMO agrees to make the site available as a demonstration site to the general public with prior notification.
- D) CCWMO is responsible to bid, construct, and maintain the Project. The Landowner shall secure all necessary permits for the project.
- E) CCWMO will submit to LMRWD Staff proof of Project expenditures and proof of Project completion.
- F) Carver County Staff will monitor the Project periodically to evaluate short- and long-term performance. Data collected as a result of this monitoring effort will be made available to both the Landowner and to the general public.

### III. LMRWD RESPONSIBILITIES

- A) LMRWD assumes no liability for injury or damage, other than that caused by its own negligence, in the project area. The Project Cooperator assumes no jurisdiction over the project area for purposes of controlling trespass, noxious weeds, granting rights-of-way, or other incidents of ownership.
- B) LMRWD is financially responsible as a cost share \$50,000
- C) Upon LMRWD acceptance of the Project's completion after Final Inspection or within one year of this date of this agreement, whichever is later, LMRWD will release 100 per cent of its cost share amount as described previously. Final inspection will include verification of specified items and connections.
- D) As a condition subsequent to LMRWD obligations herein, CCWMO must maintain the Project through completion of the Project and for a period of ten (10) years after installation. CCWMO will return to LMRWD any cost share funds it already received under paragraph II. B, in the event that this condition is not satisfied.

### IV. MISCELLANEOUS:

- A) This Agreement may be amended by mutual consent of CCWMO and LMRWD. LMRWD shall have no obligation to restore the land to its original condition upon expiration or termination of this Agreement.
- B) Nothing contained in this agreement is intended or shall be construed in any manner as creating or establishing a partnership, joint venture, or agency relationship between parties.
- C) Except if arising from or out of LMRWD Staff's fault or negligence, CCWMO agrees to indemnify and defend LMRWD Staff, its successors, and assigns against and will hold harmless LMRWD Staff, its successors, and assigns from any claims, expenses, or damages, including attorney's fees, arising from CCWMO performance of this agreement.
- D) This agreement shall be binding upon and inure to the benefit of CCWMO and LMRWD, and their respective successors and assigns: provided, however, that neither party may assign this agreement without the prior written consent of the other. Any modification, alteration, amendments, deletions, or waivers of the provisions of this agreement will be valid only when mutually agreed upon in writing by both parties.

- E) This agreement will be effective as of the date of all signatures required below have been provided. The date of the last signature will be the date of this agreement and will be inserted in the first paragraph on page 1.
- F) Each party shall be liable for its own acts to the extent provided by law and hereby agrees to indemnify, hold harmless and defend the other, its officers and employees against any and all liability, loss, costs, damages, expenses, claims or actions, including attorney's fees which the other, its officers and employees may hereafter sustain, incur or be required to pay, arising out of or by reason of any act or omission of the party, its agents, servants or employees, in the execution or performance or failure to adequately perform its obligations pursuant to this Agreement.
- G) It is understood and agreed that the County's liability shall be limited by the provisions of Minn.Stat.Chap.466 and/or other applicable law.
- H) Subject to the requirements of Minnesota Statutes Section 16C.05, Subd. 5 (as may be amended), the parties agree that the County of Carver, the State Auditor, the Legislative Auditor or any of their duly authorized representatives at any time during normal business hours, and as often as they may reasonably deem necessary, shall have access to and the right to examine, audit, excerpt and transcribe any books, documents, papers, records, etc. which are pertinent to the accounting practices and procedures of the parties and involve transactions relating to this Agreement. Such materials shall be maintained and such access and rights shall be in force and effect during the period of the contract and for six (6) years after its termination or cancellation.

**CARVER COUNTY WMO**

DocuSigned by:



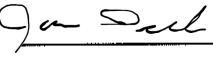
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x By: dave hemze

Its County Administrator

Date: 5/18/2020 | 8:58:11 AM PDT

DocuSigned by:



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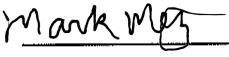
By: James Ische

Its County Board chair

Date: 5/18/2020 | 11:41:51 AM PDT

*Approved as to form & execution:*

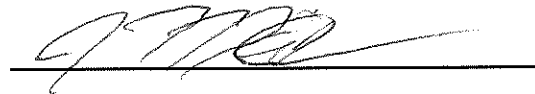
DocuSigned by:



5/18/2020 | 8:48:36 AM PDT

Attorney 441...

**LOWER MINNESOTA RIVER  
WATERSHED DISTRICT**



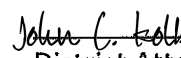
By: Jesse Hartmann

Its President

Date: \_\_\_\_\_

*Approved as to form & execution:*

DocuSigned by:



5/6/2020 | 10:22:57 AM CD

District Attorney





**Invoice**

**Invoice No** PWM-22-007

**Date** 05/27/22



**Carver County**

Financial Services Division  
 PO Box 69  
 Chaska, MN 55318-0069

\* **Bill To: Linda Loomis**  
 Lower Minnesota River Watershed District  
 112 East Fifth St, Suite 102  
 Chaska, MN 55318

Make checks payable to:  
 Carver County

\* **For: Chaska Creek Remeander Stilling Basin**

Date	Description	Amount
05/17/22	Chaska Creek Remeander Stilling Basin	\$ 27,441.00
<b>TOTAL</b>		<b>\$ 27,441.00</b>

Fund	Dept	Program	Service	Object	Amount
16	000	157	0424	5280	\$ 27,441.00
<b>Total</b>					<b>\$ 27,441.00</b>

**Submitted by:**  
Tim Sundby  
  
PWM  
  
952-361-1816  
 Phone



400 Water Street, Suite 200  
Excelsior, MN 55331  
Phone: 952.294.0353

# Invoice

**DATE** May 17, 2022  
**INVOICE** MG002  
**DUE DATE** Upon Receipt

**Bill To:**

Carver County  
Attn: Tim Sundby  
600 E 4th Street  
Chaska, MN 55318

DESCRIPTION	AMOUNT
Chaska Creek Settling Basin Work 2021 - Remaining Balance - See attached Frattalone Change Order - Previously paid \$20,000 on inv # MG001	\$7,441.00
<b>PAYMENT DUE</b>	<b>\$7,441.00</b>

**Please Remit Payment to:**

Oppidan, Inc.  
400 Water Street, Suite 200  
Excelsior, MN 55331



SUBCONTRACTOR CHANGE ORDER

To: Oppidan  
400 Water Street , Suite 200  
Excelsior, MN 55331

Project: Chaska Creek  
FCI Job #: 21065.1  
CO Number One  
Date: 10/12/2021

**CONTRACT CHANGE ORDER DESCRIPTION**

Settling Basin Installation

Excavation	587 CY @	\$3.00 =	\$1,761.00
Rip Rap	50 CY @	\$125.00 =	\$6,250.00
Erosion Blanket & Seed	1300 SY @	\$2.00 =	\$2,600.00
48" RCP Pipe	38 LF @	\$442.89 =	\$16,830.00
		Grand Total	\$27,441.00

**CONTRACT RECAP**


Original Contract Amount	\$2,106,297.00
Previous Change Orders/Extras	\$0.00
Adjusted Contract Amount	\$2,106,297.00
Current Change Order	\$27,441.00
Revised Contract Amount	\$2,133,738.00

Oppidan

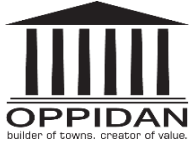
Frattonone Companies, Inc.

Accepted By:

Accepted By:

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Date



400 Water Street, Suite 200  
Excelsior, MN 55331  
Phone: 952.294.0353

# Invoice

**DATE** March 4, 2022  
**INVOICE** MG001  
**DUE DATE** Upon Receipt

**Bill To:**  
Carver County  
Attn: Tim Sundby  
600 E 4th Street  
Chaska, MN 55318

DESCRIPTION	AMOUNT
Chaska Creek Settling Basin Work 2021 - Partial Invoice - See attached Frattalone Change Order	\$20,000.00
<b>PAYMENT DUE</b>	<b>\$20,000.00</b>

**Please Remit Payment to:**  
Oppidan, Inc.  
400 Water Street, Suite 200  
Excelsior, MN 55331





SUBCONTRACTOR CHANGE ORDER

To: Oppidan  
400 Water Street , Suite 200  
Excelsior, MN 55331

Project: Chaska Creek  
FCI Job #: 21065.1  
CO Number One  
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Revised Contract Amount	\$2,133,738.00

Oppidan

Frattonone Companies, Inc.

Accepted By:

Accepted By:

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Date



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

**Item 5. H. - Accept final report from Cost Share Project at 11115 Normandale Boulevard, Bloomington and authorize reimbursement**

### Prepared By

Linda Loomis, Administrator

### Summary

At the June 21, 2023, meeting of the LMRWD Board of Managers, the Board approved a Cost Share Application for Marianne Cartwright at 11115 Normandale Boulevard. The amount requested in the application was \$1,316.00. The project is complete, and Ms. Cartwright is requesting reimbursement for the project. She has submitted her final report and receipts.

The Board should receive and file the final report and authorize reimbursement. The Application, executed Cost Share Agreement, minutes from June 21, 2023, Board meeting, final report, receipts and photographs of the project are attached. The homeowner has developed a handout that she shares with neighbors the inquire about her project.

### Attachments

2023 Cost Share Application for 11115 Normandale Boulevard submitted by Marianne Cartwright

Executed Cost Share Agreement for 11115 Normandale Boulevard

Excerpt from June 21, 2023 LMRWD Board of Managers meeting minutes

Final Report for 11115 Normandale Boulevard Cost Share with receipts and photos

Final Cost Share Worksheet

Rain Garden Info Brochure

### Recommended Action

Motion to accept final report and authorize reimbursement



LOWER MINNESOTA RIVER  
WATERSHED DISTRICT

# Cost Share Grant Application 2023

## Application type (check one)

Homeowner      Non-profit - 501(c)(3)      School  
Business or corporation      Public agency or local government unit

## Project type (check all that apply)

Raingarden      Vegetated Swale      Infiltration Basin  
Wetland restoration      Buffer/shoreline restoration      Conservation practice      Habitat restoration  
Pervious hard surface      Other \_\_\_\_\_

## Applicant Information

Name of organization or individual applying for grant (to be named as grantee):

Address (street, city and ZIP code):

Phone:

Email address:

## Primary Contact (if different from above)

Name of organization or individual applying for grant (to be named as grantee):

Address (street, city and ZIP code):

Phone:

Email address:

## Project location

Address (street, city and ZIP code):

Property Identification Number (PID)

Property owners:

## Project Summary

Title

Total project cost

Grant amount requested

Estimated start date

Estimated completion date

Is project tributary to a water body?

No, water remains on site

Yes, indirectly

Yes, directly adjacent

Is this work required as part of a permit?            No            Yes  
(If yes; describe how the project provides water quality treatment beyond permit requirement on a separate page.)

## Project Details

**Checklist** To be considered complete the following must be included with the application.

- |                              |   |
|------------------------------|---|
| location map                 | project timeline  |
| site plan & design schematic | proof of property ownership                             |
| contracted items             | plant list & planting plan (if project includes plants) |

**Project description** Describe the project, current site conditions, as well as site history, and past management. Note any potential impacts to neighboring properties.

What are the project objectives and expected outcomes? Give any additional project details.

Which cost share goals does the project support? (check all that apply)

- |   |                                   |
|---|-----------------------------------|
| improve watershed resources   | foster water resource stewardship |
| increase awareness of the vulnerability of watershed resources          |                                   |
| increase familiarity with and acceptance of solutions to improve waters |                                   |

How does the project support the goals you checked?



## Project Details (continued)

**Project benefits** Estimate the project benefits in terms of restoration and/or annual pollution reduction. If you are working with a designer or contractor, they can provide these numbers. If you need help contact the district administrator. Computations should be attached.

Benefit	Amount
Water captures	gal/year
Water infiltrated	gal/year
Phosphorus removed	lbs/year
Sediment removed	lbs/year
Land restored	sq. ft.

How will you share the project results with your community and work to inform others about your projects environmental benefit?

Please note that by obtaining cost share funding from the Lower Minnesota River Watershed District, your project may be shared with the community through our website, social media, or other media. Your project may also be highlighted on a tour or training event, with prior notice and agreement.

**Maintenance** Describe the anticipated maintenance and maintenance schedule for your project.

I acknowledge that receipt of a grant is contingent upon agreeing to maintain the project for the number of years outlined in the cost share guidelines. Yes

### Authorization

Name of landowner or responsible party

Signature

Date

Type or handwrite your answers on this form. Attached additional pages as needed.

For questions, contact Linda Loomis at [Naiad Consulting@gmail.com](mailto:NaiadConsulting@gmail.com) or call 763-545-4659.

Mail the completed application to

or email to:

**Lower Minnesota River Watershed District  
c/o Linda Loomis, Administrator  
112 E. Fifth St., Suite 102  
Chaska, MN 55318**

**Linda Loomis, Administrator  
[naiadconsulting@gmail.com](mailto:naiadconsulting@gmail.com)**

# 2023 Cost Share Worksheet

## Labor Costs (contractors, consultants, in-kind labor)

Service Provider	Task	# Hours	Rate/Hour	Requested Funds from LMRWD	Matching/In-Kind Funds	Total Cost
<b>Total:</b>				\$	\$	\$

## Project Materials

Material Description	Unit Cost	Total # of Units	Requested Funds from LMRWD	Matching/In-Kind Funds	Total Cost
<b>Total:</b>			\$	\$	\$

Total Requested Funds from LMRWD*:	\$	(A)	
Total Matchin/In-Kind Funds:	\$	(B)	
Project Total:	\$	(C)	

\*Please note: total requested funds (A) cannot be more than 50% of the Project Total (C)

NORMANDE BLVD

SIDEWALK

Hedge

Gravel Driveway

60 sf apron

142 sf north  
Garage

159 sf east

142 sf south

DOWNSPOUTS

DOWNSPOUTS

20 sf steps

143 sf north

521 sf north

11'x21'

19 sf walk

28'-0 1/2"

20 sf steps

143 sf south

298 sf south

278 sf south

73 sf north

125 sf patio

73 sf south

DOWNSPOUTS

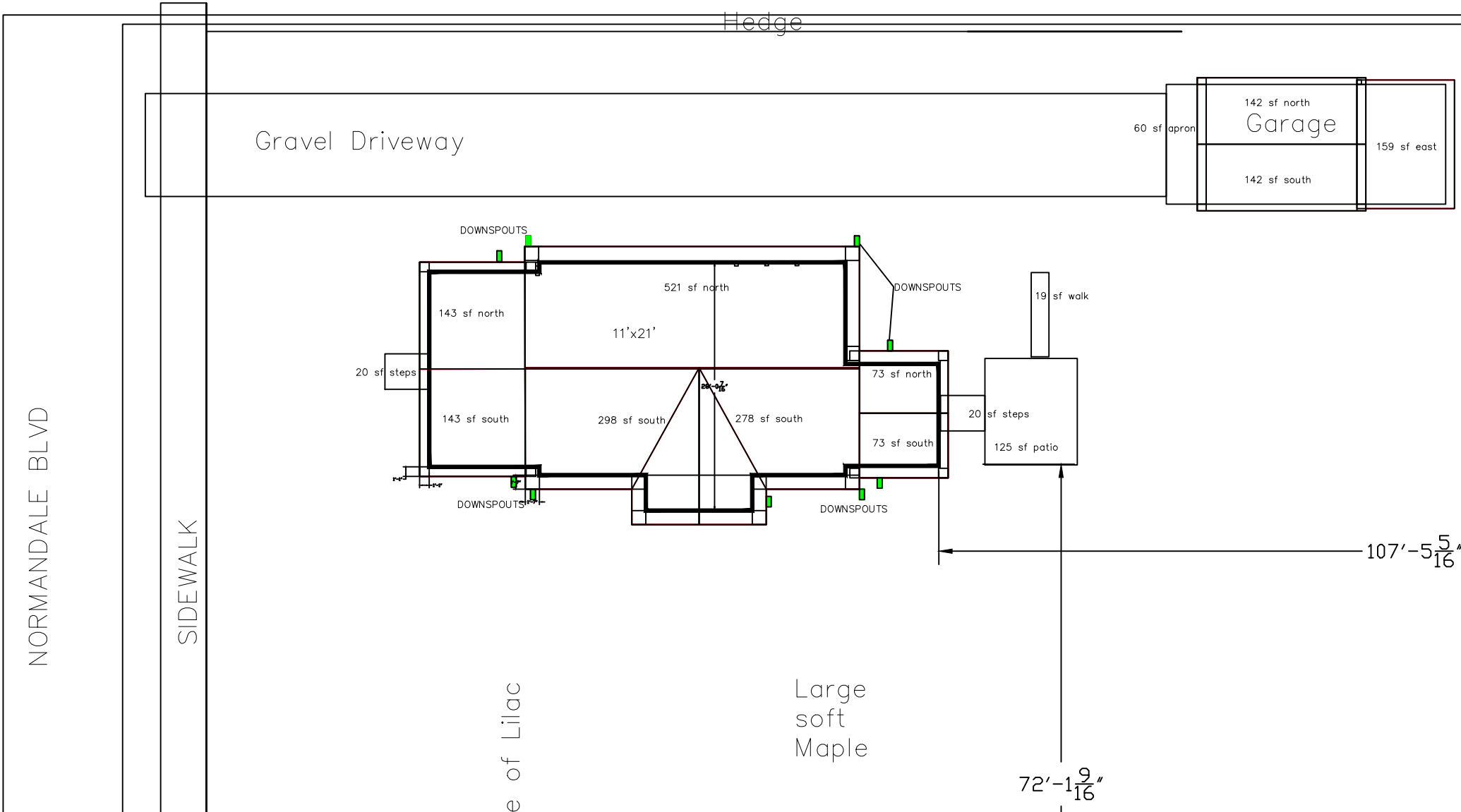
DOWNSPOUTS

107'-5 5/16"

e of Lilac

Large soft Maple

72'-1 9/16"



## Plant List Preliminary

Availability of plants will determine the final plant choices for this project. I will verify that all purchased plants are native to Minnesota. Final plantings will be dependent on availability.

These plants, or substitutions:

\*Full Sun Plantings with some part sun for raingarden closer to garage: Riddell's Goldenrod, Cardinal Flower, Rose Milkweed, Buttonbush, Southern Blue Flag, Trout Lily, Blue Vervain, Mountain Mint, Joe Pye Weed, Rose Milkweed, Sneezeweed, Meadow Blazing Star, Great Blue Lobelia Obedient Plant, Southern Blue Flag, Prairie dropseed, Palm Sedge, Orange Coneflower, Wild Bergamot, Cardinal Flower, Early Sunflower, Purple Coneflower, Blue Wild Indigo, Columbine.



## Timeline

Submit proposal by 4/15.

Place plant order 4/16-4/19.

As weather allows, clear stored mulch, chipped wood, leaf debris etc in project area.

As plants come up alongside house these will be transplanted.

Rental reservation for bobcat.

Regrading of driveway.

Digging out raingardens, putting in piping.

Forming raingardens and ready for plantings.

Mulch delivery. Rock delivery.

Downspouts and filters in place, ready to hook up to gardens.

Finalize garden beds for planting.

Planting.

















LOWER MINNESOTA RIVER WATERSHED DISTRICT  
2023 COST SHARE INCENTIVE AND WATER QUALITY RESTORATION PROGRAM  
Cost Share Grant Agreement

The parties to this Agreement, made this 21st day of June 2023, are the Lower Minnesota River Watershed District, a Minnesota Watershed District ("LMRWD") a public body with purposes and powers set forth in Minnesota Statutes Chapters 103B and 103D and Marianne Cartwright ("APPLICANT"). The purpose of this Agreement is to provide for the installation and maintenance of a project designed to protect and improve natural resources within the District, by managing storm water and said project to be located at: 11115 Normandale Boulevard, Bloomington, MN 55437.

1. Scope of Work. APPLICANT will install the Project in accordance with the Application submitted to the LMRWD, attached as Exhibit A. A final report must be presented to the LMRWD at the time a request is made for reimbursement of expenses as specified in Section 2 of this Agreement.
2. Reimbursement. When the installation of the project is complete in accordance with Exhibit A, the LMRWD, on receipt of adequate documentation, will reimburse the APPLICANT up to 50% of the APPLICANT's cost to install the Project, including materials, equipment rental, delivery of materials and labor, in an amount not to exceed \$1,316. APPLICANT will document with receipts all direct expenditures. At the time reimbursement is requested, APPLICANT will provide the LMRWD with copies of all documents concerning the work. Volunteer time and labor will be considered an in-kind contribution and may be used as a match, but APPLICANT will not receive reimbursement for in-kind contributions. Labor may be credited at \$20.00 per hour.
3. Public Access. LMRWD may enter APPLICANT's property at reasonable times to inspect the work to ensure compliance with this Agreement and monitor or take samples for the purpose of assessing the performance of the Project. APPLICANT will permit the LMRWD, at its cost and discretion, to place reasonable signage on APPLICANT's property informing the general public about the Project and the LMRWD's Cost Share Incentive and Water Quality Restoration Program. The LMRWD may request APPLICANT's permission to allow members of the public periodically to enter APPLICANT's property to view the Project in the company of a LMRWD representative. This paragraph does not create any right of public entry onto APPLICANT's property except as coordinated with APPLICANT and accompanied by a LMRWD representative.
4. Maintenance. APPLICANT will maintain the Project for at least five (5) years from the date installation is complete. If APPLICANT does not do so, the LMRWD will have a right to reimbursement of all amounts paid to APPLICANT, unless:
  - a. The LMRWD determines that the failure to maintain the Project was caused by reasons beyond the APPLICANT's control; or
  - b. APPLICANT has conveyed the underlying property, provided APPLICANT notifies the LMRWD at least 30 days before the property is conveyed and facilitates communication between the LMRWD and the prospective owner regarding continued maintenance of the project.



5. Agreement Void. This Agreement is void if the project installation is not complete by November 30, 2023. This Agreement may not be modified in any way except in writing and signed by both parties.
6. Indemnification. The LMRWD will be held harmless against all liability and loss in connection with the installation of the Project.
7. Compliance with Laws. APPLICANT is responsible to comply with any permits or other legal requirements applicable to the work.
8. Notices. Any notice or demand, authorized or required under this Agreement shall be in writing and shall be addressed to the other party as follows:

To LMRWD:


Administrator  
Lower Minnesota River Watershed District  
112 East Fifth Street, Suite 102 Chaska, MN 55318

To APPLICANT:

Marianne Cartwright  
11115 Normandale Boulevard  
Bloomington, MN 55437

The parties being in agreement to be signed as follows:

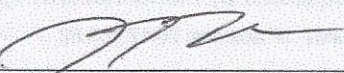
APPLICANT:

By:   
By: Marianne Cartwright (Jul 6, 2023 18:06 CDT)

Its: applicant

Date: Jul 6, 2023

LOWER MINNESOTA RIVER WATERSHED DISTRICT:

By: 

Its: President

Date: 6-21-23



Attorney Kolb reviewed his presentation on the One Watershed One Plan operational arrangements. He discussed joint power entities, determining an appropriate structure, and the decisions that need to be made prior to entering one of these agreements. He also discussed the key elements of implementation for a One Watershed One Plan. He stated that they do not have to decide tonight on whether or not they participate in this, but they will need to make the decision soon.

Administrator Loomis discussed that part of this has to do with the amount of sediment and nutrients that are coming from upstream, in areas that are outside of a certain district. She gave the example of Scott County and how the upper part of Sand Creek is outside of their county, and they are not able to do projects in that area. She added that it is possible that this plan may impact the LMRWD's ability to get watershed-based implementation funding as funding may be split.

The Board discussed the values and the drawbacks of this plan.

Attorney Kolb reviewed the difference between a joint powers collaboration or a joint powers entity.

Administrator Loomis shared that the LMRWD has given funding to projects that were outside of the district and stated that there is nothing prohibiting them from giving these funds as long as they see it as beneficial to the district.

The Board gave feedback on the information that was presented at this meeting. No action required.

## 6. OLD BUSINESS

### A. 2021 Financial Audit

Administrator Loomis introduced this item and shared that Redpath and Company has agreed to doing a two year audit which will cost \$25,000 per year. She shared the recommendation from legal counsel to get the legislature to give resources to the Office of the State Auditor so that they can provide audit services to some of the smaller, local governmental units, such as watershed districts. Legal counsel noted that the LMRWD is not alone in its difficulty finding auditors and getting audits prepared. She stated that they will be sending a letter to the former audit firm. Attorney Kolb stated that this letter should go out within the next week.

**President Hartmann made a motion to authorize a request for proposals to provide audit services for FY 2023. Manager Amundson seconded the motion. Upon a vote being taken, the motion carried unanimously.**

### B. 2027 World EXPO – “Healthy People, Healthy Planet – Wellness and Well Being for All”

Administrator Loomis introduced and provided background on this item. Bloomington was not chosen as the site of the 2027 World Expo.

### C. 2023 Cost Share Applications

Administrator Loomis reviewed the five applications for cost share projects. She stated that the total of all five projects would come to over \$21,000 and funding could come from the Water Resource Restoration fund.

The Board asked if they would not accept any other applications for the rest of the year.

Administrator Loomis explained that decision is up to the Board. She noted that there is an applicant that is interested in submitting an application, but that is for a project for 2024.



The Board discussed potentially limiting funding to the same groups to every other year and not back to back years.

Administrator Loomis shared that she has looked into cost share programs for other watershed districts and stated that the LMRWD is the most conservative. She added that there will be a draft budget at the July meeting.

The Board discussed the May deadline being a little late in the year for these applications to be submitted.

**Manager Amundson made a motion to approve all cost share applications as presented and the amounts requested. Manager Kuplic seconded the motion. Manager Salvato offered a friendly amendment to the motion, asking that LMRWD staff evaluate cost share programs offered by other watershed districts and recommend changes to the LMRWD. Managers Amundson and Kuplic accepted Manager Salvato's amendment. Upon a vote being taken, the motion carried unanimously.**

**D. City of Carver Levee**

No new information to report since the last update.

**E. Dredge Management**

**i. Vernon Avenue Dredge Material Management site**

Administrator Loomis introduced this item and provided an update on the project to improve Vernon Avenue.

**ii. Private Dredge Material Placement**

No new information to report since last update.

**F. Watershed Management Plan**

No new information to report since the last update.

**G. 2023 Legislative Action**

Administrator Loomis introduced and provided background on this item. She discussed the projects that received funding.

The Board asked about the funding provided for water storage. Administrator Loomis explained that BWSR is going to try to identify larger projects and how they can make more of a difference with water storage.

**H. Education and Outreach Plan**

No new information to report since the last update.

**I. LMRWD Projects**

***(Only projects that require Board action will appear on the agenda. Informational updates will appear on the Administrator Report)***

**i. Area #3**

Administrator Loomis introduced and provided background on this item. She shared that she met with the property owners on site at the property and she asked them to consider selling the portion of their property or allowing an easement for the property in the City's right-of-way for Riverview Road and the river. She noted that State funds can be used for this purchase. She stated that they will need to determine how they can raise their match from the State. She added that she contacted a consulting firm who may be able to assist and



Linda Loomis &lt;naiadconsulting@gmail.com&gt;

---

## Grant Application 2023

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**Marianne Cartwright** <mariannecartwright@icloud.com>  
To: Linda Loomis <naiadconsulting@gmail.com>

Tue, Dec 19, 2023 at 10:31 AM

Linda,

Hi. For some reason, I didn't see your email. Yes, I am finished! Here's the overview. I will send in the details with photos today.

I have completed work on my rain garden at 11115 Normandale Blvd. Over the course of the projects some adjustments were made. The property was surveyed prior to the installation of the project as I purchased the property just over a year ago and thought I should verify the property line. The north property line was not where the previous owner had shown me it was. The buildings and fencing and hedges don't run parallel to the property line which results in more of a wedge shape to my property along the north side of my class IV driveway. This resulted in too narrow of a space to place the swale/raingarden along the north edge of the driveway. I relocated the raingarden project to the opposite side of the driveway- the south side and at the end of the driveway – south of the garage where the same drainage from the driveway and north side of the roof of the house could be achieved.

The second area of adjustments has occurred secondary to the weather extremes we have experienced over this past summer/fall with higher temperatures and lower rainfall with some rain events later in the season and, not insignificantly, rain in the forecast for the end of the calendar year.

- The temperature was monitored along the original proposed site for the raingarden in a temporary raised garden bed. The temperature in this bed reached 120 degrees more than once over the summer. If I would have located the project along the driveway, I would have had to provide significant supplemental water to the plantings and install a shade structure.
- I did not place piping under the class IV driveway as this area is used by delivery trucks as the only functioning entrance is at the rear of my house. I consulted two different sources on having a buried drain tile and both stated that freezing would be an issue and heavy trucks could be problematic.
- The overall cost of the project was reduced secondary to the relocation of the raingarden.
- An added area of rock was added for capturing and slowing snow melt off of the area where in a snowy year the snow is piled up.
- The final location will provide a source of water for plants that are supportive of my firefly population (They appear just east of the garage.)

The integrity of the overall design was maintained. The late season planting was successful, if limited in plant availability. Supplemental plants were ordered for spring planting to provide the raingarden with the variety in the original plan. The raingarden was successful in the trial rain we had in October! The garden captured water, bubbling out of the pop up emitter and trickling down through the river pebble area off the driveway, and the piping didn't show any signs of leaking.

I have implemented two areas for rain barrels in the design to hold supplemental water.

I have also adapted the downspouts for a winter that may fluctuate between rain/snow events with access to above ground piping/water capture if it is a rain event with warm enough temperatures to run the water off the roof into the garden. The projects isn't all that pretty now, but I am looking forward to next spring and summer! I have given many mini tours of the garden project and have a number of neighbors, co-workers, and friends who are awaiting tours when the plants start growing!

[Quoted text hidden]

MENARDS-EDEN PRAIRIE  
12600 Plaza Drive  
Eden Prairie, MN 55344

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Sale Transaction

SNICKERS ALMOND	
5753214	<del>2.28</del>
SPLASH 35 ULTIMATE PURP	<del>HR</del>
2612800	<del>2.99</del>
2X3X4 DWNSTP ADAPTER	
68937615 2 @5.49	10.98
FLEXIBLE T/Y	
6893769	3.98
4"X8' FD SOLID DRAIN PIP	
6893771	5.97
FLEX-DRAIN COUPLER	
6893767 3 @1.64	4.92
FLEXIBLE POP-UP EMITTER	
6899391	12.79
TOTAL	43.91
TAX HENNEPIN-MN 8.525%	3.74
TOTAL SALE	47.65
CHASE VISA 2321	47.65
Auth Code:04042D	
Contactless	
a0000000031010	
ARQC - d3dcadf2a764219c	

TOTAL NUMBER OF ITEMS = 10

THE FOLLOWING REBATE RECEIPTS WERE

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12600 Plaza Drive  
Eden Prairie, MN 55344

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Sale Transaction

FLEXGRATE DOWNSPOUT FILI	
1585157 2 @6.48	12.96
FLEX-DRAIN COUPLER	
6893767 5 @1.64	8.20
4"X8' FD SOLID DRAIN PIP	
6893771	5.97
TILT & DRAIN 6 FT. WHITE	
1585066	14.99
2" X 100' PVC TILE TAPE	
6893970	10.18
4"X25'FD SOLID DRAIN PIP	
6893900	26.47
TOTAL	78.77
TAX HENNEPIN-MN 8.525%	6.71
TOTAL SALE	85.48
CHASE VISA 2321	85.48
Auth Code:03629D	
Contactless	
a0000000031010	
ARQC - 8f231fba2f65e8ed	

TOTAL NUMBER OF ITEMS = 11

RECEIVED





Fleet Farm  
 3400 Lakeland Avenue North  
 Brooklyn Park, MN 55445  
 (763)424-9668

10/19/23 1:35 PM  
 Store: 02400  
 Reg: 153 Till: 153  
 Cashier #: 124568 Sales #: 12456

RETURN



02400153222920231026

11 EX-A-SPOUT VINYL GREEN (17.38) T  
 049821850111 x 2 (17.38)  
 Orig. Receipt: 02400803314520231016

11 EX-A-SPOUT VINYL WHI (8.69) T  
 049821850104 x 1 (8.69)  
 Orig. Receipt: 02400803314520231016

Subtotal (26.07)  
 Total Sales Tax (2.22)  
 Total (28.29)  
 Credit (28.29)  
 Card: AmEx  
 Account: 2007  
 Auth: 019513 (A)

Change Due 0.00

Return Ticket ID: 02400-153-1026-2023-01878  
 1250

THANK YOU FOR SHOPPING AT  
 FRATTALLONE'S/BLOOMINGTON  
 5135 W 98TH ST  
 BLOOMINGTON, MN 55437  
 (952) 697-5555

10/19/23 6:12PM 102759 2611 SALE

2893220 4 EA \$5.99 EA  
 PEA GRAVEL 0.5 CUFT \$23.96  
 PLEASE TAKE PRODUCT FROM A  
 PALLET MARKED P27  
 6454326 2 EA \$5.99 EA  
 ELBOW B SIDE ALUM 2X3IN WHITE \$11.98

SUB-TOTAL:\$ 35.94 TAX: \$ 3.06  
 TOTAL: \$ 39.00  
 BC AMT: \$ 39.00

BK CARD#: XXXXXXXXXXXX2321  
 MID:\*\*\*\*\*7886 TID:\*\*\*3286  
 AUTH: 06654D AMT: \$ 39.00  
 Host reference #:893851 Bat#

Authorizing Network: VISA

Contactless  
 CARD TYPE:VISA EXPR: XXXX  
 AID : A0000000031010  
 TVR : 0000000000  
 IAD : 06021203A00000  
 TSI :  
 ARC : 00  
 MODE : Issuer  
 CVM : No CVM  
 Name : CHASE VISA  
 ATC :005D  
 AC : 89BAFD3D66592554  
 TxnID/ValCode: 300317

Total Items: 6



==>> JRNL# I93851/T  
 CUST NO:\*AC91F

THANK YOU VISA CARDHOLDER  
 FOR YOUR PATRONAGE  
 CLUB CRD NO: 1000003035

Acct: MARIANNE CARTWRIGHT

MENARDS-EDEN PRAIRIE  
 12600 Plaza Drive  
 Eden Prairie, MN 55344

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 items on this receipt will be in the form  
 of an in store credit voucher if the  
 return is done after 01/20/24

If you have questions regarding the  
 charges on your receipt, please  
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Sale Transaction

PEA GRAVEL  
 1891124 2 @3.49 6.98  
 RIVER ROCK  
 1802006 3 @3.49 10.47

TOTAL 17.45  
 TAX HENNEPIN-MN 8.525% 1.49  
 TOTAL SALE 18.94  
 CHASE VISA 2321 18.94  
 Auth Code:04894D  
 Contactless  
 a0000000031010  
 ARQC - 0036d25e67c57cc6

TOTAL NUMBER OF ITEMS = 5

THE FOLLOWING REBATE RECEIPTS WERE  
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# Delivery Sales Order

Rep	SET P.O.
Joy	102339

Account #	Customer P.O.	Date
		11/7/2023
<b>Marianne Cartwright</b> 11115 Normandale Blvd Bloomington, MN 55437-3119 Marianne 307-399-7868		

Trucking	A-1 Trucking
<b>Delivery Address</b>	
<b>Marianne Cartwright</b> 11115 Normandale Blvd Bloomington, MN 55437-3119 Marianne 307-399-7868	

Item	Description	Qty	U/M	Rate	Class/Site	Total
Hardwood Mu...	Hardwood Mulch	4	CY	25.00	109 Burnsville	100.00T
Bloomington ...	Delivery Mulch	1	EA	121.00	109 Burnsville	121.00T
Drop Instructi...	Please dump in front of the house on the lawn in area accesibile from the driveway and apron. DO NOT dump on the driveway. Area will be marked with flags. Please call when on the way. Marianne 307-399-7868.			0.00	109 Burnsville	0.00T

<b>Subtotal</b>		\$221.00
<b>Sales Tax (8.525%)</b>		\$18.84
<b>Total</b>		<b>\$239.84</b>

4250 Creekview Circle, Minnetrista, MN 55375  
 952-946-6999  
 www.setmn.com

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TOTAL

\$70.07

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Looking for more? Continue shopping

Payment informatio

Choose a payment

Order confirmation

Place your order ar

Click on a Pickup Location for More Information and to Purchase

## Account

Store / Account



**marianne cartwright**

mariannecartwright@icloud.com Edit



**Communication preferences**

All communications allowed Change v

## Shopping cart

Your shopping cart is empty

## Favorites

You haven't favorited anything yet

## Orders

Order #008821

\$96.78

Mar 3, 2023 08:18

am

Paid

More Actions v

Processed

City of

Hopkins

Black Rain

Catcher

\$90.00 x 1

View items v



Details for Order #112-6212428-7403447

Print this page for your records.

**Order Placed:** November 4, 2023  
**Amazon.com order number:** 112-6212428-7403447  
**Order Total:** \$136.73

**Not Yet Shipped**

**Items Ordered**

	<b>Price</b>
1 of: <i>FCMP Outdoor RC4000 50-Gallon Heavy-Duty Outdoor Home Rain Catcher Barrel Water Container with Spigots and Mesh Screen, Brown</i>	\$125.99
Sold by: Amazon.com Services LLC	
Supplied by: Other	

Condition: New

**Shipping Address:**

Marianne Cartwright  
11115 NORMANDALE BLVD  
MINNEAPOLIS, MN 55437-3119  
United States

**Shipping Speed:**

FREE Prime Delivery

**Payment information**

**Payment Method:**

Mastercard ending in 0815

**Billing address**

Marianne Cartwright  
11115 NORMANDALE BLVD  
MINNEAPOLIS, MN 55437-3119  
United States

Item(s) Subtotal: \$125.99  
Shipping & Handling: \$0.00

-----  
Total before tax: \$125.99  
Estimated tax to be collected: \$10.74

-----  
**Grand Total: \$136.73**

To view the status of your order, return to [Order Summary](#).

*marianne cartwright*  
11115 Normandale Blvd  
Bloomington, MN 55437  
**3073997868**  
*mariannecartwright@icloud.com*

*marianne cartwright*  
11115 Normandale Blvd  
Bloomington, MN 55437  
**3073997868**

Thank you for ordering on MNL's online shop. We are excited to share the joys of native plants and seeds with you!

Plants orders placed now through April 2024 will be pre-orders and shipped in the spring. We will begin shipping plants as weather and temperatures allow, usually in mid -late May. You will be notified by email prior to your shipment.

Seed Orders are mixed to order and will ship out as soon as they are ready, typically about 5 business days. If you have any concerns please reach out to us.

You will receive an email when your order is shipping. Shipping will generally take 1-3 days to arrive to your address.

For seeding and planting tips, please enjoy our How To Video:  
<https://mnlcorp.com/how-to-seed-and-plant-with-mnl/>

All orders will be shipped via Speedee Delivery. A note will be sent with the package tracking information.

Please note: If you ordered plants from a pre-sale event, they will not be shipped to your address, you must pick up at the designated event.



From: Orders MNL orders@malcorp.com  
From: Orders MNL orders@mmicorp.com  
Subject: Your MNL: Heal the Earth order has been received!  
Date: November 4, 2023 at 4:24 PM  
To: mariannecartwright@icloud.com



# Thank you for your order

Hi marianne,

Just to let you know — we've received your order #20626, and it is now being processed:

## [Order #20626] (November 4, 2023)

Product	Quantity	Price
Rain Garden Kit - Rain Garden Kit (single tray)	2	\$218.00
Kit or Bundle:: Rain Garden Kit (single tray)		
<b>Subtotal:</b>		\$218.00
<b>Discount:</b>		-\$10.00
<b>Shipping:</b>		Shipping
<b>Tax:</b>		\$17.73
<b>Payment method:</b>		Credit Card (Stripe)
<b>Total:</b>		\$225.73

**Billina address**

**Shipping address**



**Final Details for Order #113-9775978-1934669**

Print this page for your records.

**Order Placed:** October 17, 2023

**Amazon.com order number:** 113-9775978-1934669

**Order Total: \$8.20**

**Shipped on October 18, 2023**

**Items Ordered**

2 of: *Flex-Drain ADP53202 Downspout Adaptor, Landscaping Drain Pipe Adapter 2 by 3 by 4-Inch, Black* **Price** \$3.78

Sold by: Amazon.com Services LLC

Supplied by: Other

Condition: New

**Shipping Address:**

Marianne Cartwright

11115 NORMANDALE BLVD

MINNEAPOLIS, MN 55437-3119

United States

**Shipping Speed:**

FREE Prime Delivery

**Payment information**

**Payment Method:**

Mastercard ending in 0815

Item(s) Subtotal: \$7.56

Shipping & Handling: \$0.00

-----

Total before tax: \$7.56

Estimated tax to be collected: \$0.64

-----

**Grand Total: \$8.20**

**Billing address**

Marianne Cartwright

11115 NORMANDALE BLVD

MINNEAPOLIS, MN 55437-3119

United States

**Credit Card transactions**

MasterCard ending in 0815: October 18, 2023: \$8.20

To view the status of your order, return to [Order Summary](#).

**Final Details for Order #113-1260287-2881040**

Print this page for your records.

**Order Placed:** October 17, 2023

**Amazon.com order number:** 113-1260287-2881040

**Order Total:** \$7.59

**Shipped on October 18, 2023**

**Items Ordered**

1 of: *NDS 4" Atrium Grate, Black*

Sold by: Amazon.com Services LLC

Supplied by: Other

Condition: New

**Price**

**\$6.99**

**Shipping Address:**

Marianne Cartwright

11115 NORMANDALE BLVD

MINNEAPOLIS, MN 55437-3119

United States

**Shipping Speed:**

FREE Prime Delivery

**Payment information**

**Payment Method:**

Mastercard ending in 0815

Item(s) Subtotal: \$6.99

Shipping & Handling: \$0.00

-----

Total before tax: \$6.99

Estimated tax to be collected: \$0.60

-----

**Grand Total:\$7.59**

**Billing address**

Marianne Cartwright

11115 NORMANDALE BLVD

MINNEAPOLIS, MN 55437-3119

United States

**Credit Card transactions**

MasterCard ending in 0815: October 18, 2023:\$7.59

To view the status of your order, return to [Order Summary](#).



**Final Details for Order #113-9251221-8680203**

Print this page for your records.

**Order Placed:** October 17, 2023

**Amazon.com order number:** 113-9251221-8680203

**Order Total:** \$9.14

**Shipped on October 18, 2023**

**Items Ordered**

	<b>Price</b>
2 of: <i>NDS 11, 4 in. Round Grate Cover Connects to 4 Inch Drain Pipes &amp; Fittings, for Small Lawns, Landscaping and Patios, Black Plastic</i>	\$4.21

Sold by: Amazon.com Services LLC

Supplied by: Other

Condition: New

**Shipping Address:**

Marianne Cartwright  
11115 NORMANDALE BLVD  
MINNEAPOLIS, MN 55437-3119  
United States

**Shipping Speed:**

FREE Prime Delivery

**Payment information**

**Payment Method:**

Mastercard ending in 0815

**Billing address**

Marianne Cartwright  
11115 NORMANDALE BLVD  
MINNEAPOLIS, MN 55437-3119  
United States

Item(s) Subtotal: \$8.42  
Shipping & Handling: \$0.00

-----  
Total before tax: \$8.42  
Estimated tax to be collected: \$0.72  
-----

**Grand Total: \$9.14**

**Credit Card transactions**

MasterCard ending in 0815: October 18, 2023: \$9.14

To view the status of your order, return to [Order Summary](#).



**Final Details for Order #113-0833936-3877057**

Print this page for your records.

**Order Placed:** October 17, 2023

**Amazon.com order number:** 113-0833936-3877057

**Order Total:** \$6.09

**Shipped on October 18, 2023**

**Items Ordered**

1 of: *Flex-Drain ADP53702 Flexible T / Y, Landscaping Drain Pipe Adapter, 4inch, Black* **Price** \$5.61

Sold by: Amazon.com Services LLC

Supplied by: Other

Condition: New

**Shipping Address:**

Marianne Cartwright

11115 NORMANDALE BLVD

MINNEAPOLIS, MN 55437-3119

United States

**Shipping Speed:**

FREE Prime Delivery

**Payment information**

**Payment Method:**

Mastercard ending in 0815

Item(s) Subtotal: \$5.61

Shipping & Handling: \$0.00

-----

Total before tax: \$5.61

Estimated tax to be collected: \$0.48

-----

**Grand Total: \$6.09**

**Billing address**

Marianne Cartwright

11115 NORMANDALE BLVD

MINNEAPOLIS, MN 55437-3119

United States

**Credit Card transactions**

MasterCard ending in 0815: October 18, 2023: \$6.09

To view the status of your order, return to [Order Summary](#).

Quote expires

PATIO TOWN BURNSVILLE  
2801 Highway 13 West  
BURNSVILLE, MN 55337

Ticket #: Q5-1009649  
Ticket date: 11/4/23  
Time: 3:45 pm

Customer #: 3073997868  
Ship date: 11/06/2023

Sold to: Marianne Cartwright  
11115 Normandale Blvd  
Bloomington, MN 55437

Ship to Marianne Cartwright  
11115 Normandale Blvd  
Bloomington, MN 55437  
Attn: Marianne Cartwright

SP #:

Hudson Page:

CUST PO:

Ship-via code:

Bill Comp:

Shipping Zone:

Description	LOC	Selling unit	Quantity	Price	Ext prc
YARD EXTRA LARGE RIVER	BV	YARD	3.00	84.99	254.97
ROCK DELIVERY - STANDARD LOAD	BV	EACH	1.00	104.00	104.00

User: MARK

Total line items: 2

Sale subtotal: 358.97

Total Weight: 9,000.00

Tax: 30.60

Cashier:

Total: 389.57

Patio Town does not guarantee time of delivery of our products.

Patio Town is not responsible for damage inside the curblin.





# PRAIRIE MOON NURSERY

32115 Prairie Lane  
Winona, MN 55987  
Toll Free 866-417-8156 Phone 507-452-1362  
www.prairiemoon.com



## Order

Print Date	Page	Number
09/21/23	1	2326106100

Bill To
MARIANNE CARTWRIGHT 11115 NORMANDALE BLVD BLOOMINGTON MN 55437-3119 US

Ship To
MARIANNE CARTWRIGHT 11115 NORMANDALE BLVD BLOOMINGTON MN 55437-3119 US

Account	Ordered	Office Use	PO#	Telephone	Operator	Terms
392264	09/15/23	05/25	475123	307.399.7868	Web	Credit Card

Line	Item#/Description	UM	Qty	Ship	Price	Total
1	CIR04F-K Cirsium altissimum - Tall Thistle Potted Plants: 3 Pack Original Price: \$18 20% off	3Pack	1	✓	14.40	14.40
2	GAL02F-K Galium boreale - Northern Bedstraw Potted Plants: 3 Pack Original Price: \$21 20% off	3Pack	1	✓	16.80	16.80
3	HEL02F-K Helenium autumnale - Sneezeweed Potted Plants: 3 Pack Original Price: \$21 20% off	3Pack	3	✓	16.80	50.40
4	ILE02T-K Ilex verticillata - Winterberry Holly Potted Plants: 3 Pack Original Price: \$24 20% off	3Pack	2	✓	19.20	38.40
5	LOB10F-K Lobelia spicata - Pale Spiked Lobelia Potted Plants: 3 Pack Original Price: \$21 20% off	3Pack	3	✓	16.80	50.40
6	OEN15F-K Oenothera pilosella - Prairie	3Pack	3	✓	14.40	43.20

< Order Number 2326106100 Continued on Page 2 >

MARIANNE CARTWRIGHT  
#2326106100 Pkg# 3 1 89  
MAIL

MARIANNE CARTWRIGHT  
#2326106100 Pkg# 2 1 89  
MAIL

MARIANNE CARTWRIGHT  
#2326106100 Pkg# 1 1 89  
MAIL



CL





# PRAIRIE MOON NURSERY

32115 Prairie Lane  
Winona, MN 55987  
Toll Free 866-417-8156 Phone 507-452-1362  
www.prairiemoon.com



## Order

Print Date	Page	Number
09/21/23	2	2326106100

### Bill To

MARIANNE CARTWRIGHT  
11115 NORMANDALE BLVD  
BLOOMINGTON MN 55437-3119  
US

### Ship To

MARIANNE CARTWRIGHT  
11115 NORMANDALE BLVD  
BLOOMINGTON MN 55437-3119  
US

Account	Ordered	Office Use	PO#	Telephone	Operator	Terms
392264	09/15/23	05/25	475123	307.399.7868	Web	Credit Card

Line	Item#/Description	UM	Qty	Ship	Price	Total
	Sundrops Potted Plants: 3 Pack Original Price: \$18 20% off					
7	RAT04F-K Ratibida pinnata - Yellow Coneflower Potted Plants: 3 Pack Original Price: \$21 20% off	3Pack	3	✓	16.80	50.40
8	AST10F-K Symphyotrichum laeve - Smooth Blue Aster Potted Plants: 3 Pack Original Price: \$21 20% off	3Pack	2	✓	16.80	33.60

Merchandise	Shipping	Add Amt	Other	Credits	Tax	Order Total
297.60	53.57	0.00	0.00	0.00	26.43	377.60

Thank you for your order. Please inspect your package carefully.

Paid Amount	377.60
Balance on Order	0.00

MARIANNE CARTWRIGHT  
#2326106100 Pkg# 6 1 89  
MAIL

MARIANNE CARTWRIGHT  
#2326106100 Pkg# 5 1 89  
MAIL

MARIANNE CARTWRIGHT  
#2326106100 Pkg# 4 1 89  
MAIL







# PRAIRIE MOON NURSERY

32115 Prairie Lane  
Winona, MN 55987  
Toll Free 866-417-8156 Phone 507-452-1362  
www.prairiemoon.com

GRAND PURCHASE



## Order

Print Date	Page	Number
09/18/23	1	2325821300

### Bill To

MARIANNE CARTWRIGHT  
11115 NORMANDALE BLVD  
BLOOMINGTON MN 55437-3119  
US

### Ship To

MARIANNE CARTWRIGHT  
11115 NORMANDALE BLVD  
BLOOMINGTON MN 55437-3119  
US

Account	Ordered	Office Use	PO#	Telephone	Operator	Terms
392264	09/15/23	09/15	475123	307.399.7868	Web	Credit Card

Line	Item#/Description	UM	Qty	Ship	Price	Total
1	AM002T-S-4 Amorpha canescens - Lead Plant Seeds: 1/4 oz. Lot: PM5258W Qty: 0.25	1/4oz	1		8.00	8.00
2	STRAT-M Seed Starting Medium - Stratification Sand	Each	1		10.00	10.00

Merchandise	Shipping	Add Amt	Other	Credits	Tax	Order Total
18.00	5.00	0.00	0.00	0.00	1.73	24.73

Thank you for your order. Please inspect your package carefully.

Paid Amount	24.73
Balance on Order	0.00

MARIANNE CARTWRIGHT  
#2325821300 Pkg# 3 1 89  
MAIL

MARIANNE CARTWRIGHT  
#2325821300 Pkg# 2 1 89  
MAIL

MARIANNE CARTWRIGHT  
#2325821300 Pkg# 1 1 89  
MAIL



gh



W. Brown Land Surveying, Inc.

8030 Old Cedar Avenue S STE 228  
Bloomington, MN 55425-1203

# Invoice

Date	Invoice #
7/5/2023	202-23

952-854-4055

Bill To
Marianne Cartwright 11115 Normandale Blvd. Bloomington, MN 55437

Site Address
11115 Normandale Blvd.

P.O. No.	Terms	Due Date
	Upon Receipt	7/5/2023

Description
Certificate of Survey (2 Parcels), Set Boundary POLs: 11115 Normandale: UNPLATTED PART OF SECTION 20, TOWNSHIP 27, RANGE 24. 5252 111th: OUTLOT A, HENNEPIN COUNTY MINNESOTA  11115 Normandale Blvd.

We Appreciate Your Business.

<b>Job Total Balance</b>	\$1,750.00
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$1,750.00



2023 Cost Share Worksheet  
11115 Normandale Boulevard

Labor Costs (Contractors, Consultants, In-Kind Labor)

Service Provider	Task	# Hours	Rate/Hour	Requested Funds from LMRWD	Matching/In-Kind Funds	Total
W. Brown Land Surveying				\$ 875.00	\$ 875.00	\$ 1,750.00
						\$ -
<b>Total:</b>				\$ 875.00	\$ 875.00	\$ 1,750.00

Project Materials

Material description	Unit Cost	Total # of Units	Requested funds from LMRWD	Matching/In-Kind Funds	Total
Menard's	\$85.48		\$ 42.74	\$ 42.74	\$ 85.48
Menard's	\$42.38		\$ 21.19	\$ 21.19	\$ 42.38
Menard's	\$18.94		\$ 9.47	\$ 9.47	\$ 18.94
Frattellone's Hardware	\$39.00		\$ 19.50	\$ 19.50	\$ 39.00
Fleet Farm			\$ 14.15	\$ 14.14	\$ 28.29
			\$ 119.92	\$ 119.92	\$ 239.84
			\$ 48.39	\$ 48.39	\$ 96.78
			\$ 68.37	\$ 68.36	\$ 136.73
			\$ 112.86	\$ 112.87	\$ 225.73
			\$ 4.10	\$ 4.10	\$ 8.20
			\$ 3.79	\$ 3.80	\$ 7.59
			\$ 4.57	\$ 4.57	\$ 9.14
			\$ 3.05	\$ 3.04	\$ 6.09
			\$ 194.78	\$ 194.79	\$ 389.57
			\$ 188.80	\$ 188.80	\$ 377.60
			\$ 12.36	\$ 12.37	\$ 24.73
<b>Total:</b>			\$ 868.04	\$ 868.05	\$ 1,736.09

Total Requested Funds from LMRWD*:	\$ 1,743.04 (A)
Total Matchin/In-Kind Funds:	\$ 1,743.05 (B)
Project Total:	\$ 3,486.09 (C)

\*Please note: total requested funds (A) cannot be more than 50% of the Project Total (C)

2023 Cost Share Worksheet  
11115 Normandale Boulevard













































# My Rain garden

Capturing rain from north roof of house and runoff from driveway



# Raingardens

Information from UMN Extension: <https://extension.umn.edu/landscape-design/rain-gardens>

## The benefits of rain gardens

- Whether you live in the city or along a lake or river, managing stormwater runoff is important.
- Rooftops, roads, driveways and sidewalks are hard surfaces that prevent rainwater and melting snow from reaching the soil and soaking into the ground. These hard surfaces also collect nutrient-rich yard and pet waste, oil and radiator fluid from autos, and other debris and pollutants.

### Runoff:

Washes debris and pollutants away, often directly into lakes, rivers and wetlands.

Erodes soil and carries it into our surface waters.

Can affect aquatic life if warm runoff enters lakes and rivers directly.

In summer, runoff is often warmed as it flows over hard surfaces.

### Rain gardens:

Collect stormwater runoff and prevent it from flowing directly into lakes, rivers and wetlands.

Allow runoff to soak into the soil so sediments settle, and plants absorb nutrients.

Filter out pollutants from water before entering the groundwater.

Prevent erosion by holding soil in place with their deep roots.

Attract birds and butterflies.

Require little watering and maintenance once established.



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting  
Wednesday, January 17, 2024

### **Agenda Item**

#### **Item 6. A. – LMRWD Permit Renewals**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

Permits issued by the LMRWD expire one year from the date of issuance. Projects that are not complete by the date of permit expiration must request a renewal of the LMRWD permit. Permit renewal requests are reviewed by Young Environmental Consulting Group, LLC on behalf of the LMRWD. Recommendations regarding renewals of permits for January 2024 can be found in the attached Technical Memorandum – January 2024 Permit Renewal Requests dated January 10, 2024. The Board should review the recommendations and approve the permits renewals requests.

### **Attachments**

Technical Memorandum – January 2024 Permit Renewal Requests dated January 10, 2024

### **Recommended Action**

Motion to renew permits as recommended in Table 1 of Technical Memorandum – January 2024 Permit Renewal Requests dated January 10, 2024





Young Environmental  
Consulting Group, LLC

# Technical Memorandum

**To:** Linda Loomis, Administrator  
Lower Minnesota River Watershed District

**From:** Erica Bock, Water Resources Scientist

**Date:** January 10, 2024

**Re:** January 2024 Permit Renewal Requests

---

Per Lower Minnesota River Watershed District (LMRWD) Rule A, it is the permittee's responsibility to request permit renewals when necessary. However, LMRWD staff has taken a proactive approach by sending out monthly reminders to current permit holders with upcoming permit expirations.

Table 1 summarizes the permittees who have responded to the permit expiration reminder, confirmed that no significant changes to the proposed project have occurred since the original permit was issued, and requested a permit extension to complete their projects.

Table 1. Summary of January 2024 LMRWD permit renewal request.

LMRWD No.	Project Name	City	Previous Expiration Date	Recommended Expiration Date
2022-010	Quarry Lake Trail and Pedestrian Bridge	Shakopee	March 1, 2024	March 1, 2025
<u>Reason for Extension:</u> Project is waiting for final vegetation establishment				

**Recommendation**

Staff recommends renewing the permit provided in Table 1.





# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

#### **Item 6. B. - CenterPoint Pipeline Abandonment (LMRWD No. 2023-026)**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

The LMRWD has received an application from ERM (Environmental Resource Management) on behalf of CenterPoint Energy, regarding abandonment of a pipeline. Young Environmental Consulting Group has performed an initial review of documents provided for the project.

A summary of the review is attached for the Board's information. No action is currently required by the Board of Managers.

### **Attachments**

Technical Memorandum – CenterPoint Pipeline Abandonment (LMRWD No. 2023-026) dated January 3, 2024

### **Recommended Action**

No action recommended

# Technical Memorandum

**To:** Marcus Green, Consultant 2, Scientist  
Environmental Resource Management (ERM)

Kevin Trushenski, Community Development Assistant  
City of Burnsville

**CC:** Linda Loomis, Administrator  
Lower Minnesota River Watershed District (LMRWD)

**From:** Erica Bock, Water Resources Scientist  
Della Schall Young, PMP, CPESC, CTF, Principal Scientist

**Date:** January 3, 2024

**Re:** CenterPoint Pipeline Abandonment (LMRWD No. 2023-026)

---

The City of Burnsville (City) provided notification of a new Conditional Use Permit (CUP) for CenterPoint Energy to allow work within the Federal Emergency Management Agency (FEMA) Floodplain and Shoreland of the Minnesota River and Black Dog Lake to abandon its existing 16-inch diameter (natural gas) steel transmission line located at 1400 Black Dog Road East and 11500 12th Avenue South, Burnsville, MN (Figure 1). The project's engineer, ERM, provided site plans for review. The City asked for review of the comments and response to Marcus Green, ERM, by January 3, 2024.

The proposed project consists of abandoning approximately 8,886 feet of its existing Portland Line steel natural gas transmission line. The existing 16-inch-diameter transmission line will be filled and abandoned beneath Black Dog Lake, the Minnesota River, and within the boundaries of the Minnesota Valley National Wildlife Refuge. The project anticipates disturbing 0.08 acres, which includes six excavations to complete the abandonment procedures. All the excavation locations will be backfilled. The project is located within the High Value Resource Area (HVRA), Steep Slopes Overlay District (SSOD), and Minnesota River floodplain in both Hennepin and Dakota counties and the cities of Burnsville and Bloomington. The applicant proposes to begin pipeline abandonment in June 2024 and it is anticipated that it will take several weeks to complete.

The City has its municipal permit for Rule B: Erosion and Sediment Control and Rule F: Steep Slopes Overlay District. Therefore, the project will require an LMRWD Individual Permit for Rule C: Floodplain and Drainage Alteration. The purpose of this memo is to summarize the preliminary review that Young Environmental Consulting Group (Young

Environmental) has completed in response to the City’s request for comments on the CenterPoint CUP application and to provide preliminary recommendations to the prospective applicant. This does not address review required across the river in the City of Bloomington.

### Summary

**Project Name:** CenterPoint Pipeline Abandonment

**Purpose:** Abandonment of natural gas pipeline within the SSOD, HVRA, floodway, and floodplain

<b><u>Project Size:</u></b>	<b>Area Disturbed</b>
	0.08 acres

**Location:** 1400 Black Dog Road  
Burnsville, MN 55337

**LMRWD Rules:** Rule C – Floodplain and Drainage Alteration

**Recommended Board Action:** Information Only

### Discussion

The LMRWD received the following documents for review:

- Burnsville Conditional Use Permit Amendment, by CenterPoint Energy; dated November 28, 2023; received December 21, 2023.
- Plans and documentation, by CenterPoint Energy and ERM; dated November 21, 2023; received December 21, 2023.
- Project narrative; received December 21, 2023.
- Site Plan, by CenterPoint Energy; dated October 19, 2023; received December 21, 2023.

#### Rule C – Floodplain and Drainage Alteration

The LMRWD requires the applicant to provide documentation that the proposed floodplain fill will not cause an increase in the 100-year water surface elevations. The project is located within the Minnesota River floodway, as seen on the FEMA Flood Insurance Rate Map (FIRM) Panel 27037C0070E (effective December 2, 2011) with a 100-year flood elevation of 715.0 feet National Geodetic Vertical Datum of 1929 (NGVD 29) at cross-section T.



The project anticipates 31 cubic yards of excavation in the floodway located near Black Dog Road, with an additional 14 cubic yards of excavation within the floodplain near CenterPoint Energy's Dakota Station Facility. CenterPoint plans to install a temporary 3,000-square-foot workspace, which will be utilized to access the excavation. Final grading proposes to restore the excavation sites to pre-construction contours.

To comply with Rule C, the applicant must provide a no-rise certification signed by a professional engineer and supporting calculations to demonstrate that the proposed impacts (although temporary) will not result in a loss of flood conveyance capacity or cause a rise in the 100-year flood elevation of the Minnesota River. We recommend the prospective applicant review [LMRWD Rule C](#), Sections 4.4 and 4.5 for further information regarding compliance.

### *Additional Considerations*

The project proposes excavation within wetlands on the project site. Excavation dewatering may be required in the wetland areas. We request that the applicant provide additional information about whether the project has undergone a Wetland Conservation Act (WCA) review. All discharge plans must be routed to areas where there is no standing water through sediment bags and weed-free hay-bale structures to prevent sediment introduction into the adjacent wetlands.

A previous nearby CenterPoint project, 2022 MBL Nicollet River Crossing (LMRWD No. 2022-002), experienced groundwater flows during trenching activities. The contractor backfilled the trench with native soils and compacted the material to prevent further seepage. There was no further evidence of groundwater seepage. The LMRWD is increasingly concerned about the potential negative impacts of deep excavations on groundwater.

The MBL Nicollet River Crossing project also identified threatened and endangered species. We request that the applicant provide a status update about any reviews or coordination that has been completed to minimize potential disturbances to threatened and endangered species (i.e. a cultural resources review).

Because the project has proposed excavation locations within the City of Bloomington, we request that the applicant provide an update on project coordination that has occurred with the City of Bloomington. The LMRWD will require project approval from both the City of Burnsville and the City of Bloomington before issuing a permit.

### **Recommendations**

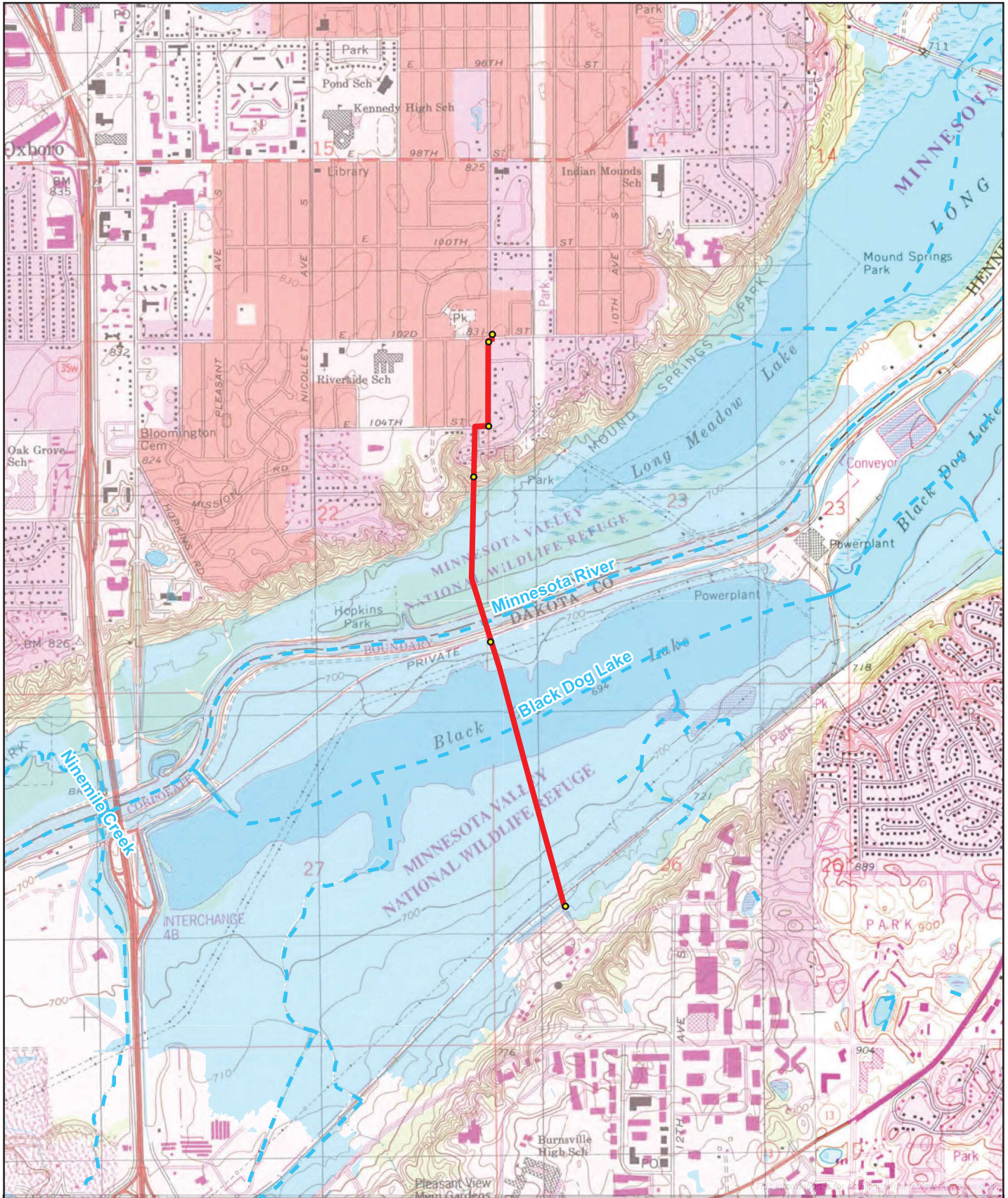
No board action is required at this time. As presented, CenterPoint Energy must obtain an LMRWD Individual Project permit before the start of construction activities for the applicable LMRWD rules. We offer the following summarized comments to the project to help facilitate the permit review process:

- Review LMRWD [Rule C](#), especially the “Criteria” and “Required Information” and “Exhibits” sections to determine the requirements for compliance.
- For compliance with LMRWD Rule C, provide a no-rise certification signed by a professional engineer and calculations to demonstrate that the proposed excavation and access road (although temporary) would not result in a loss of flood conveyance capacity nor cause a rise in the 100-year flood elevation of the Minnesota River.
- The LMRWD will require approval from the City of Burnsville and the City of Bloomington.
- The LMRWD will require a status update on the WCA review information once available.
- The LMRWD will require a status update about any cultural resources review that may have occurred in the project area.
- The LMRWD encourages early coordination for complex projects and suggests scheduling a pre-application meeting to discuss the LMRWD permitting process and requirements.

#### **Attachments**

- Figure 1—Project Location

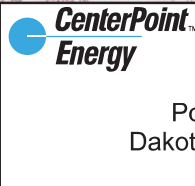




- Excavation Sites
- Proposed Pipeline Abandonment
- NWI Wetlands
- River/Stream

1:24,000

0      1,000      2,000  
Feet



**Figure 1**  
**Site Location Map**  
 Portland Line Abandonment Project  
 Dakota and Hennepin Counties, Minnesota







# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting  
Wednesday, January 17, 2024

**Agenda Item**

**Item 6. C. – Lakota Lane, Chanhassen – work without a permit**

**Prepared By**

Linda Loomis, Administrator

**Summary**

The LMRWD has not received any communication from the property owner since December 14, 2023.

**Attachments**

No Attachments

**Recommended Action**

No action recommended

# LMRWD Permit Program Summary



Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2019-065	TH 101 Chanhassen	Closed		11/8/2019				11/20/2019	11/20/2019	1/20/2020				11/22/2022
2019-085	Minnesota Bluffs LRT Regional Trail Repair	Closed		12/12/2019					5/20/2020	6/1/2023				7/22/2022
2020-100	Peterson Farms Road Maintenance	Closed		5/6/2020	5/6/2020			5/20/2020	5/21/2020	5/21/2021				8/11/2022
2020-103	Prairie Heights Development	Closed		5/27/2020	6/5/2020		6/17/2020		10/23/2020	10/23/2021				4/25/2023
2020-105	Freeway Landfill	Pre-Permit		8/19/2022		9/21/2022								
2020-110	CSAH 11 Reconstruction	Closed		9/28/2020	11/3/2020		12/16/2020		4/13/2021	4/13/2022	4/20/2023		10/4/2022	8/1/2023
2020-112	Vierling Industrial Project	Closed		6/25/2020	6/29/2020		7/15/2020							10/14/2022
2020-113	Fort Snelling Redevelopment (2019-057)	Active		7/20/2020	8/12/2020		8/19/2020		9/11/2020	8/19/2022	8/19/2023	8/19/2024		
2020-115	Quarry Lake Park Improvements	Closed		7/23/2020	9/8/2020		9/16/2020		9/16/2020	9/16/2021				8/5/2022
2020-116	Shakopee Memorial Bridge	Closed		8/24/2020	10/5/2020		10/21/2020		10/23/2020	10/23/2021				7/20/2022
2020-117	Greystone HQ	Closed		7/24/2020	9/10/2020			9/16/2020	9/16/2020	9/16/2021				10/3/2022
2020-123	Gaughan Companies Demolition	Closed		8/27/2020	8/27/2020			9/16/2020	9/17/2020	9/17/2021				10/15/2021
2020-123 (amended)	Shakopee Flats	Closed	10/29/2020	11/2/2020	11/2/2020			11/18/2020	2/17/2021	9/16/2021				7/25/2022
2020-126	Texas Roadhouse	Closed		9/17/2020	11/5/2020			11/18/2020	11/19/2020	11/18/2021				7/26/2022
2020-132	77th Underpass	Expired	10/18/2020	10/21/2020	11/12/2020	11/18/2020	12/16/2020		7/27/2021	7/27/2022	7/27/2023			
2020-135	Canterbury Crossings	Active		11/19/2020	12/3/2020		12/16/2020		5/11/2021	5/11/2022	4/20/2023	4/20/2024		
2021-002	CSAH 61 Drainage Ditch	Closed		2/1/2021	10/11/2021			10/20/2021	10/21/2021	5/31/2022	10/20/2023		7/25/2023	9/29/2023
2021-003	Southwest Logistics Center	Closed		2/11/2021	3/12/2021		3/17/2021		4/21/2021	4/21/2022	8/17/2023			11/22/2022
2021-007	Burnsville Cemetery Expansion	Closed	3/5/2021	9/2/2021	9/17/2021		10/20/2021		11/17/2021	10/20/2022			10/21/2022	8/1/2023
2021-009	Burnsville Industrial IV	Closed	4/2/2021	3/22/2021	3/31/2021		4/21/2021		4/23/2021	4/21/2022				10/5/2022
2021-011	2021 Shakopee Street Reconstruction	Closed	3/30/2021	3/30/2021	4/16/2021		4/21/2021		4/28/2021	4/28/2022				7/25/2022
2021-012	Canterbury Park Parking Lots Phase 2	Closed	4/1/2021	4/2/2021	4/10/2021		4/21/2021		5/11/2021	5/11/2022				7/25/2022
2021-013	Summerland Place	Closed		4/8/2021	5/27/2021		4/21/2021		4/26/2021	4/22/2022				3/22/2022
2021-015	Stagecoach Rd Improvements	Closed	4/16/2021	4/12/2021	4/30/2021		5/5/2021		5/7/2021	5/5/2022				3/23/2022

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2021-016	Whispering Waters	Active		4/14/2021	6/4/2021		6/16/2021		7/13/2021	7/13/2022	7/13/2023	7/13/2024		
2021-017	Capstone35	Closed		4/20/2021	5/12/2021		5/19/2021		8/19/2021	8/17/2022				11/22/2022
2021-018	Jefferson Court	Closed		4/22/2021	5/17/2021		6/2/2021		6/3/2021	6/2/2022	6/2/2023	6/2/2024		8/11/2023
2021-019	Cretex Site	Closed	4/23/2021	4/26/2021	4/30/2021		5/5/2021		5/7/2021	5/5/2022				5/5/2022
2021-020	Core Crossing Apartments (Prev. Southbridge)	Closed		6/14/2021	7/13/2021		7/21/2021		8/5/2021	6/15/2023	6/17/2023		11/1/2022	9/21/2023
2021-022	2021 Security & Safety Center	Active		5/18/2021	10/29/2021		11/17/2021		3/18/2022	3/18/2023	3/18/2024			
2021-023	106th Improvements Project	Closed		5/25/2021	5/28/2021		6/2/2021		6/17/2022	6/17/2022	6/17/2023		4/17/2023	8/1/2023
2021-025	TH13/Dakota Ave Improvement	Active		6/11/2021	6/15/2021		2/16/2022		5/20/2022	5/20/2023	5/20/2024			
2021-030	Building Renovation Park Jeep	Active		7/9/2021	7/16/2021		9/15/2021		6/21/2022	6/21/2023	8/15/2023	8/15/2024		
2021-031	Caribou Coffee	Closed	6/1/2021	7/9/2021	8/10/2021		8/18/2021		8/19/2021	8/19/2022				10/4/2022
2021-033	MN MASH	Active	6/23/2021	9/17/2021				6/15/2022	6/17/2022	6/17/2023	11/30/2023	11/30/2024		
2021-034	Circle K Holiday Station Stores	Closed	8/25/2021	7/26/2021	9/10/2021		9/15/2021		10/19/2021	9/15/2022				7/12/2022
2021-035	135W Frontage Trail	Construction Complete		12/15/2021	12/22/2021		1/19/2022		11/3/2022	11/3/2023	11/3/2024		10/16/2023	
2021-039	River Bluffs Improvements	Closed		7/23/2021	8/12/2021		8/18/2021		10/1/2021	8/18/2022				10/12/2022
2021-040	Omry Independent Living	Active		8/11/2021	8/19/2021		9/15/2021	9/15/2022	8/19/2022	10/1/2023	10/1/2024			
2021-041	Line 0832	Closed		9/7/2021	9/7/2021		9/15/2021		9/17/2021	9/15/2022				6/27/2022
2021-042	Hwy 13 & Lone Oak	Closed		8/27/2021	9/16/2021		10/20/2021		10/22/2021	10/22/2022	6/30/2023		6/20/2023	8/1/2023
2021-045	Triple Crown Residences Phase II	Active		9/22/2021	10/27/2021		11/17/2021		11/19/2021	11/17/2022	11/17/2023	11/17/2024		
2021-046	CenterPoint Dakota Station Facility	Closed		9/21/2021	10/15/2021		10/20/2021		10/22/2021	10/22/2022				9/12/2022
2021-049	Stump Road Maintenance	Closed	10/20/2021	10/22/2021	10/29/2021		11/17/2021		11/19/2021	11/17/2022				9/5/2022
2021-052	Shakopee Dental Office	Closed		11/3/2021	12/14/2021		12/15/2021		12/17/2021	12/15/2022			12/1/2022	8/11/2023
2021-057	Cliff Road Ramps	Active		12/14/2021	1/4/2022		1/19/2022		6/8/2022	6/8/2023	12/1/2023	12/1/2024		
2021-058	Perimeter Gate Improvements	Closed		12/15/2021	12/16/2021		1/19/2022		4/27/2022	4/27/2023	10/31/2023		8/1/2023	9/29/2023
2022-002	CenterPoint MBL Nicollet River Crossing	Active		1/18/2022			3/16/2022		4/25/2022	4/25/2023	10/31/2023	10/31/2024		
2022-003	Ivy Brook Parking East	Closed		1/19/2022	2/25/2022		3/16/2022		5/16/2022	5/16/2023			2/16/2023	10/10/2023
2022-004	CHS Savage Terminal	On Hold		1/27/2022										



Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2022-005	Chaska West Creek Apt	Active		2/8/2022	3/29/2023		4/19/2023		6/6/2023	6/6/2024				
2022-007	Engineered Hillside	Active		2/15/2022	3/14/2022			4/20/2022	4/21/2022	4/21/2023	9/20/2024			
2022-008	Ivy Brook Parking West	Closed		2/16/2022	2/25/2022		3/16/2022		5/31/2022	5/31/2023			2/27/2023	8/1/2023
2022-010	Quarry Lake Trail and Ped Bridge*	Active		2/24/2022			4/20/2022		3/1/2023	3/1/2024	3/1/2025			
2022-011	Biffs, Inc.	Closed		2/28/2022	3/29/2022		4/20/2022		8/16/2022	8/16/2023	10/31/2023		9/30/2023	10/20/2023
2022-013	Normandale & 98th St	Closed		3/22/2022	4/1/2022		4/20/2022		4/22/2022	4/22/2023	11/30/2023		7/21/2023	11/6/2023
2022-014	TH41 & CSAH61 Improvements	Active	1/6/2022	3/23/2022	5/11/2022		5/18/2022		12/13/2022	12/13/2023	12/13/2024			
2022-015	Xcel Driveway	Active	5/25/2023	6/21/2023	7/31/2023		8/16/2023		9/21/2023	9/21/2024				
2022-016	ORF Relocation	Active		4/20/2022	6/30/2023		7/19/2023		7/20/2023	7/20/2024				
2022-017	PLOC 2022 Bank Stabilization	Closed		6/30/2022	7/5/2022			7/20/2022	7/21/2022	7/21/2023			6/12/2023	8/1/2023
2022-019	1494 SP 2785-433	Active		4/21/2022	6/24/2022		7/20/2022		4/10/2023	4/10/2024				
2022-021	CenterPoint Oak St N	Closed		4/29/2022				6/15/2022	6/17/2022	6/17/2023			3/14/2023	9/5/2023
2022-022	Ace Rent A Car	Active		5/10/2022	11/3/2023			11/15/2023	11/16/2023	11/16/2024				
2022-023	494 Corridors of Commerce	Pre-Permit	5/3/2022	5/19/2022		7/20/2022								
2022-024	Gedney Pickles Holding Pond Restoration	Closed	6/16/2022	8/10/2022			9/21/2022		11/14/2022	11/14/2023			8/30/2023	10/19/0223
2022-026	10521 Spyglass Dr	Closed	5/31/2022	7/13/2022	8/8/2022			7/20/2022	8/8/2022	8/8/2023			11/30/2022	8/24/2023
2022-027	Ivy Brook Northeast	Construction Complete		7/5/2022			8/17/2022		8/31/2022	8/31/2023	10/18/2024		11/30/2022	
2022-028	Quarry Lake Park Restroom	Closed		7/6/2022	7/8/2022		7/20/2022		7/22/2022	7/22/2023	12/31/2023			10/20/2023
2022-029	Reliakor	Cancelled		7/20/2022			8/17/2022		9/19/2022	9/19/2023				10/28/2022
2022-030	Frenchies Metals	Cancelled		7/22/2022										
2022-031	RSI Marine	Incomplete		9/20/2023		8/17/2022								
2022-034	Valleyfair Parking	Cancelled		9/26/2022	10/11/2022		10/19/2022							
2022-036	Structures Inc. Amendment	Conditional Approval		10/6/2022	12/2/2022		5/9/2023							
2022-037	Peterson Wetland Bank	Conditional Approval		5/23/2023	6/30/2023	11/16/2022	7/19/2023							
2022-039	Former Knox Site	Active		11/3/2022	12/19/2022		1/18/2023		6/6/2023	6/6/2024				
2022-040	Burnsville Sanitary Landfill	Active		11/21/2022	2/15/2023		3/15/2023	8/16/2023	8/17/2023	8/17/2024				

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2022-041	35W SP 2782-352	Active		12/15/2022	2/10/2023		2/15/2023		4/10/2023	4/10/2024				
2022-042	3rd Street Bridge Replacement	Conditional Approval		12/16/2022	2/2/2023		2/15/2023							
2023-001	Lakota Lane After-the-Fact	Under Review		1/10/2023										
2023-002	Eagle Creek Bridge	Active		1/13/2023	4/19/2023		5/9/2023		7/14/2023	7/14/2024				
2023-003	Ernst & Reidele Potential Development	No Permit Required		1/17/2023										
2023-004	CenterPoint Hwy 13 and Lynn Project	No Permit Required		1/24/2023										
2023-005	Cargill Savage West Safety Improvement Project	No Permit Required		1/25/2023										
2023-006	Borca Family DNR Dewater Review	No Permit Required		1/23/2023										
2023-007	MN River Greenway Trail	Active		3/1/2023	3/15/2023		4/19/2023		11/6/2023	11/6/2024				
2023-008	Chaska Tech Center Amendment	Active		3/4/2023	4/11/2023		4/19/2023	7/19/2023	5/15/2023	5/15/2024				
2023-009	AT&T Bloomington to Eureka Fiber	Active		3/31/2023	5/19/2023		6/21/2023		6/26/2023	6/26/2024				
2023-010	MN River Greenway RR Bridge	On Hold	4/5/2023	4/5/2023										
2023-011	Quarry Lake Playground	Construction Complete		4/19/2023	4/24/2023	5/9/2023		4/24/2023	4/24/2023	4/24/2024			10/16/2023	
2023-012	Concourse G Infill Pods 2-3	Active		5/4/2023	5/30/2023	6/21/2023		5/31/2023	5/31/2023	5/31/2024				
2023-013	Merriam Junction Trail	Incomplete	4/5/2023	5/8/2023										
2023-014	KTI Fencing Property	Active		5/16/2023	7/6/2023		7/19/2023		9/1/2023	9/1/2024				
2023-015	City of Bloomington Storm Sewer Maintenance	Active		5/24/2023	6/15/2023		7/19/2023		8/23/2023	8/23/2024				
2023-016	MAC Pond Maintenance Activities	Upcoming	6/15/2023	6/9/2023										
2023-017	MN Bluffs Regional Trail	Under Review	6/14/2023	12/28/2023										
2023-018	Sibley Memorial Hwy (1901-195-TH13A)	Upcoming	7/17/2023	6/6/2023										
2023-019	Dean Lake Wetland Fill	Active		8/27/2023	9/10/2023		9/20/2023		10/4/2023	10/4/2024				
2023-020	Tramore Heights Addition (Rule B Only)	Active	9/1/2023	8/21/2023			10/18/2023		10/20/2023					
2023-021	MAC Infiltration Pond	No Permit Required	9/27/2023	9/21/2023										
2023-022	Safety and Security Center Phase II	Incomplete		10/2/2023										
2023-023	Vernon Avenue Road Improvements	Conditional Approval		10/6/2023			11/15/2023							
2023-024	Carmeuse Savage Marine Improvements	Conditional Approval		10/11/2023	12/1/2023		12/20/2023							

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2023-025	35W SP1987-140	Upcoming	10/31/2023	8/23/2023										
2023-026	CenterPoint Pipeline Abandonment	Under Review		1/5/2024		1/20/2024								
2023-027	TH 41 ORF	Incomplete	11/6/2023	12/12/2023		1/17/2024								
2023-028	Marystown Road and TH169	No Permit Required		11/7/2023										
2023-029	Tarnhill Pond	Active		11/15/2023	11/22/2023		12/20/2023		12/27/2023	12/27/2024				
2023-030	Bass Ponds Berm	No Permit Required		11/8/2023										
2023-031	Bohn Properties	No Permit Required	11/1/2023	10/30/2023										

\*Staff recommendation only, has not yet been presented to the Board for action

STATUS DEFINITIONS:

**Active Permit:** Applicant has a valid permit issued by LMRWD

**Cancelled by Applicant:** Applicant withdrew their application for a LMRWD permit

**Closed:** Applicant has indicated the project has completed construction and that the permit file may be closed

**Conditional Approval:** LMRWD managers conditionally approved the permit application, pending receipt of additional information from applicant

**Expired:** Applicant either obtained conditional approval, approval, and/or was issued a permit and the expiration date has passed

**Incomplete:** Applicant applied for a permit, but the application is incomplete

**No Permit Required:** Applicant applied for a permit, but during the completeness review, it was determined that the project did not trigger the regulatory thresholds

**On Hold:** Applicant requested their application be placed on hold

**Pre-Permit:** Applicant has requested pre-permit application reviews or meetings, but has not yet applied for a permit from LMRWD

**Under Review:** Permit application is complete and under review by LMRWD staff

**Construction Complete:** project construction is complete but permit is not closed







# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

**Item 7. A. - Biennial Solicitation for Interest proposals for Legal, Technical consultant services and Education & Outreach services**

### Prepared By

Linda Loomis, Administrator

### Summary

In accordance with Minnesota Statutes Section 103B.227 Subd. 5, a watershed management organization shall at least every two years solicit interest proposals for legal, professional, or technical consultant services before retaining the services of an attorney or consultant or extending an annual services agreement. It has been two years since the LMRWD solicited for Interest proposals.

President Barisonzi has asked that in addition to soliciting interest proposals for legal and technical services, the LMRWD should advertise for Education and Outreach services as well. Solicitation for technical services will also include request Letter of Interest from those interested in being included in a pool.

Language used in the solicitation can be as detailed as the language the LMRWD has used in the past, or as simple as the examples attached from South Washington Watershed District and the Ramsey Washington Watershed District.

Notice will be published in the State Register and on the LMRWD website. The due date for Interest proposals will be 30 days from the date of publication of the notice.

The Board should provide direction as to how it wishes solicitations to be made this year.

### Attachments

Ramsey Washington Watershed District solicitation

South Washington Watershed District solicitation

LMRWD 2022 Legal and Technical Consultant solicitation

LMRWD 2022 Statement of Qualification solicitation

LMRWD 2018 Education & Outreach Coordinator solicitation

### Recommended Action

Provide direction for solicitation of interest proposals

Authorize solicitation of interest proposals for legal, professional and technical consultant services.



[NEWS > PROJECT UPDATES](#)

# Request for Proposals

PROJECT UPDATES / JANUARY 28, 2022

The Ramsey-Washington Metro Watershed District, pursuant to Minnesota Statute 103B.227, is soliciting interest proposals for legal, professional or technical consultant services. The Ramsey-Washington Metro Watershed District consulting positions are as follows: Attorney, Engineer and Accountant.

These positions are consulting positions and if you are interested in applying, please forward your letter of interest and information about your services no later than February 18, 2022 to the following address:

Ramsey-Washington Metro Watershed District  
c/o Ms. Tina Carstens  
2665 Noel Drive  
Little Canada, MN 55117

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[https://www.republicaneagle.com/news/south-washington-watershed-district-request-for-professional-services/article\\_f2a733f2-f75c-5f68-a579-b216980a7df0.html](https://www.republicaneagle.com/news/south-washington-watershed-district-request-for-professional-services/article_f2a733f2-f75c-5f68-a579-b216980a7df0.html)

## **LOCAL NEWS**

# **SOUTH WASHINGTON WATERSHED DISTRICT REQUEST FOR PROFESSIONAL SERVICES**

Woodbury Newsroom

Published on Oct 30, 2007

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The South Washington Watershed District uses outside consultants to provide professional services in the following areas:

- 1) Engineering
- 2) Legal
- 3) Financial Accounting

The SWWD Board is requesting any firm interested in providing services to the SWWD submit a letter of interest, a list of related work/projects/clients, a list of key personal and their qualifications, and a current fee schedule. Information should be limited to four (4) pages total. The SWWD is required to request proposals for professional services every two years. Those firms selected will be placed in a pool of professional service consultants for calendar years 2008-2009.



Information must be submitted no later than 4:00 p.m. Friday November 30, 2007 to:

South Washington Watershed District

Attn: Matt Moore, Administrator

8301 Valley Creek Road

Woodbury, MN 55125

Ph: 651.714.3729

Fax: 651.714.3721

[mmoore@ci.woodbury.mn.us](mailto:mmoore@ci.woodbury.mn.us)

Dated this 4th day of October, 2007.

South Washington Watershed District

Matt Moore, Administrator

(Published in the South Washington County Bulletin and the Woodbury Bulletin on Wednesday, October 24, 2007 and Wednesday, October 31, 2007.)

**PUBLIC NOTICE**  
**OF**  
**LOWER MINNESOTA RIVER WATERSHED DISTRICT**  
**REQUEST FOR PROPOSALS:**

**FOR LEGAL SERVICES**

Pursuant to MSA 103B.227, Subdivision 5, the Lower Minnesota River Watershed District hereby solicits proposals for a legal consultant for the 2022 through 2024.

Electronic proposals setting forth the experience of the company/individual(s) who would be interested in providing legal services for the Lower Minnesota River Watershed District should be sent to:

Lower Minnesota River Watershed District  
Attention: Linda Loomis, District Administrator at  
[naiadconsulting@gmail.com](mailto:naiadconsulting@gmail.com)

Proposals shall be submitted on or before the close of business Wednesday, March 16, 2022.

Please set forth in your written proposal company experience and the experience of the individual(s) who proposes to perform services for the District and the resumes of staff who would assist in providing the contractual services. Rates of individuals should be provided. The Board will review all proposals received and reserves the right to request additional information from any and all proposers, to conduct interviews of the proposers, specifically lead staff proposed to provide services, to reject any and all proposals, and to otherwise take such action as it deems in the best interest of Lower Minnesota River Watershed District.

For answers to questions regarding this request contact Linda Loomis at 763-545-4659 or [naiadconsulting@gmail.com](mailto:naiadconsulting@gmail.com). Additional information may be found on the District's website <http://lowermnriverwd.org/>

The Board of Managers will review all proposals received, and reserves the right to request additional information from any and all proposers, to conduct interviews of the proposers, specifically lead staff proposed to provide services, to reject any and all proposals, and to otherwise take such action as it deems in the best interest of Lower Minnesota River Watershed District.

## **FOR LMRWD DISTRICT ENGINEER**

Pursuant to MSA 103B.227, Subdivision 5, the Lower Minnesota River Watershed District hereby solicits proposals for consulting engineering services for 2022 through 2024.

Lower Minnesota River Watershed District (LMRWD) is looking for an engineering and technical service provider to assist in an ongoing process of setting and implementing the water management parameters within which the District will operate by:

- Identifying the technical consequences of choices;
- Discuss alternative solutions;
- Educate the Board and staff about the technical and regulatory issues involved; and
- Inform the District Administrator or project managers of the consequences of decisions that may affect natural resources within the District.

In this function, District Engineer shall routinely review and assess District water management plans, studies, capital programs and procedures to consider, among other things, whether they are 1) consistent with acceptable engineering practices, 2) achieve District goals, and 3) likely to produce positive, cost effective outcomes.

Electronic proposals setting forth the experience of the company/individual(s) who would be interested in providing legal services for the Lower Minnesota River Watershed District should be sent to:

Lower Minnesota River Watershed District  
Attention: Linda Loomis, District Administrator at  
naiadconsulting@gmail.com

Proposals shall be submitted on or before the close of business Wednesday, March 16, 2022.

Proposals should provide general information about the company and include a list of related work/projects/clients, a list of key personnel who propose to perform services for the District and their qualifications, qualifications of other staff who would assist in providing contractual services and a current fee schedule. Please include other services or specialties that may be pertinent.

Proposals should also include a summary of qualifications and unique expertise in the following areas:

- 1) Watershed, Subwatershed and Water Resource Management and Planning
- 2) Lake, Wetland and Stream Restoration and Management
- 3) Hydrologic, Hydraulic, and Water Quality Modeling and Analysis
- 4) Urban Stormwater BMO Design and Construction Management
- 5) Water Resource Permitting

For answers to questions regarding this request contact Linda Loomis at 763-545-4659 or naiadconsulting@gmail.com. Additional information may be found on the District's website <http://lowermnriverwd.org/>

The Board of Managers will review all proposals received and reserves the right to request additional information from any and all proposers, to conduct interviews of the proposers, specifically lead staff proposed to provide services, to reject any and all proposals, and to otherwise take such action as it deems in the best interest of Lower Minnesota River Watershed District.



**PUBLIC NOTICE**  
**OF**  
**LOWER MINNESOTA RIVER WATERSHED DISTRICT**  
**STATEMENT OF QUALIFICATIONS:**

**FROM ENGINEERING FIRMS INTERESTED IN BEING INCLUDED IN A POOL**

Pursuant to MSA 103B.227, Subdivision 5, the Lower Minnesota River Watershed District (LMRWD) is soliciting Statements of Qualifications (SOQ) from firms interested in in being included in a pool of firms that will be called on to provide services for specific types of projects.

Submitted SOQs must have two sections as follows:

Section 1. General Firm Information and Qualifications

This section will include a letter of interest, general information about the company, a list of related work, projects, clients, a fee schedule for 2022-2023, and a list of key personnel who would perform services for the LMRWD and their qualifications. Please include other services or specialties that may be pertinent.

Section 2. Service Area Qualifications

This section should provide a summary of your qualifications and unique expertise in each of the following service areas you wish to be considered for future work. Each service area qualification may not exceed two (2) pages.

- 1) Watershed, Sub-watershed and Water Resource Management and Planning
- 2) Lake, Wetland and Stream Restoration and Management
- 3) Hydrologic, Hydraulic and Water Quality Modeling Analysis
- 4) Groundwater and Hydrogeological Modeling, Monitoring and Analysis
- 5) Natural Resources Management (e.g., wetlands, fens)
- 6) Slope Stability and Geotechnical Services
- 7) Urban Stormwater BMP Design and Construction Management
- 8) Water Resource Permitting
- 9) Land Surveying
- 10) Geographic Information Systems

The SOQ should be no longer than 10 pages, including the letter of interest and any other content the firm desires to the SOQ. The cover, table of content and resumes are not included in the page limit.

Review Process

The LMRWD Board of Managers will review all submittals and determine which firms are qualified in each of the areas listed above. Those firms qualified in each respective service area will be placed in a pool of professional service firms for calendar years 2022-2023. The LMRWD will request proposals or quotations for projects from the pool within a service area, as needed.

LMRWD Policy Relating to Member Communities and Other Governmental Jurisdictions

From time to time, it is possible that LMRWD Consultants may represent governmental jurisdiction fully or partially located with the LMRWD. This may provide a conflict of interest for that consultant. Please layout how your firm would address possible conflicts of interest that may arise.

#### Submittals

Please provide SOQs in electronic (.pdf) format on or before the close of business Wednesday, March 30, 2022 to:

Lower Minnesota River Watershed District  
Linda Loomis, District Administrator  
[naiadconsulting@gmail.com](mailto:naiadconsulting@gmail.com)

The Board of Managers will review all SOQs received and reserves the right to request additional information from any and all proposers, to conduct interviews with select proposers, to reject any and all SOQs, and to otherwise take such action as it deems in the best interest LMRWD.

For answers to questions regarding this request contact Linda Loomis at 763-545-4659 or [naiadconsulting@gmail.com](mailto:naiadconsulting@gmail.com). Additional information may be found on the District's website <http://lowermnriverwd.org/>

DRAFT 12-20-2017

**Job Title:** Education and Outreach Coordinator  
**Organization:** Lower Minnesota River Watershed District  
**Job Location:**  
**Duration:** Part-Time - Permanent  
**Application Deadline:** 2018

## Hiring Statement

The Lower Minnesota River Watershed District (LMRWD) invites applications for a consulting Outreach & Education Coordinator who will lead education and community outreach efforts in accordance with the LMRWD Watershed Management Plan, as amended. The LMRWD is a special purpose unit of government, organized under MN Statutes Chapters 103B and 103D, with an office located in Chaska, MN. The LMRWD is responsible for managing water resource within the District and is the local sponsor for the US Army Corps of Engineers maintenance of the Minnesota River 9 foot navigation channel. This is a contracted position and is anticipated to be part-time. *All qualified applicants will receive consideration without regard to race, color, national origin, sex, religion, age, disability, political belief, sexual orientation, gender identity, veteran or military status, genetic information and marital or familial status.*

## Qualifications

A degree in communication, environmental science or education, or a related field is preferred. A Bachelor's or equivalent experience in any of the above disciplines is the minimum requirement. Three to five years of experience in community outreach, environmental education, or public relations/communications; experience with an environmental or conservation organization is preferred. Experience managing grant awards, contractors, and/or volunteers. Possess a general knowledge of watershed resources. Demonstrated ability to develop and manage programs. Demonstrated experience in the development and production of communication tools and products. The candidate must possess strong interpersonal skills and demonstrated proficiencies in community engagement and the communication of technical information to the general public.

## Description of the Position

The Outreach & Education Coordinator (O&EC) works under the direction of the District Administrator to coordinate, with the LMRWD's partners, implementation of the education and outreach goals articulated in the LMRWD's Watershed Management Plan. This individual will be primarily responsible for organizing a Citizen Advisory Committee (CAC) for the LMRWD and developing a program for Citizen Engagement. Additionally, this individual will be responsible for developing and distributing educational information across all media types and tracking the effectiveness of targeted education and outreach campaigns. The O&EC is a strong communicator who is knowledgeable about watershed activities.

The O&EC builds an expanding network of diverse individuals and organizations that understand the importance of the Minnesota River and advocate for its restoration. They inspire the public and decision makers to make choices that improve the Minnesota River; to instill in stakeholders, teachers, students, and decision makers an environmental awareness; to promote watershed education; to produce all forms of educational media, programs, and seminars in cooperation with state agencies, communities, and. The O&EC creates a vibrant and creative media presence through the LMRWD's own print and electronic media, and by providing regular content to and maintaining positive relationships with local and regional media outlets.

## Duties and Responsibilities (not listed in order of priority)

- Works with a high degree of independence, while communicating and strategizing regularly with the District Administrator and the Board of Managers.
- Collaborates closely with staff to integrate education and outreach efforts with research, restoration, watershed planning, and fundraising programs.



## DRAFT 12-20-2017

- Manages direct reports, and volunteers across multiple functions while building a positive, collaborative and results-driven culture.
- Develops grant proposals to fund programs and projects; manages grants awarded.
- Develop partner-based watershed education plans to support the LMRWD.
- Represents the LMRWD to decision makers, at meetings of governmental agencies, non-profits, and community groups to cultivate participation in the LMRWD.
- Educates decision makers on watershed restoration practices and policies.
- Conduct targeted education campaigns to achieve and document increased understanding of the Lower Minnesota River and the behavior changes in support of its restoration (i.e. reducing fertilizers, managing flows).
- Maintains working relationships with K-12 and university education sectors
- Responsible for the production and distribution of periodic press releases, displays and exhibits, interpretative signage and project reports.
- Oversee the LMRWD's web and social media content.
- Serve as the LMRWD's liaison to its Citizens Advisory Committee.
- Develops detailed annual workplans and budgets.
- Responsible for tracking and reporting on outreach actions and program success.
- Perform other duties as assigned by the District Administrator.

## Knowledge, Skills, and Abilities

- Knowledge of leadership techniques and the ability to build and effectively motivate groups to achieve common objectives.
- Ability to establish and maintain relationships with other stakeholders to accomplish goals.
- Ability to learn and translate the technical aspects of watershed science to diverse audiences through expert verbal and written communications.
- Familiarity with educational science standards and outdoor education initiatives.
- Skill in editing the writing of others.
- Skill in project and grant management including budgets.
- Demonstrated experience in the development of communication tools and products
- Strong presentation skills including the ability to persuade and inspire an audience.
- Strong capacity to continue to learn and train in professional proficiencies from management to learning new workplace technologies.

## Physical Demands and Work Environment

The LMRWD has an office located in Chaska, MN. Successful applicants will need to provide their own office space. Evening or weekend work to host and attend meetings and events is often required. A flexible schedule is permitted.

## Application

Please submit, **as a single PDF document**, a cover letter, curriculum vitae, three references with contact information, and an example of a successful grant application to:

**Linda Loomis, Administrator, Lower Minnesota River Watershed District 112 East 4th Street, Suite 102, Chaska MN 55318 [naiadconsulting@gmail.com](mailto:naiadconsulting@gmail.com) ATTN: Outreach & Education Coordinator Position**



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

#### Item 7. B. – Area #3

### Prepared By

Linda Loomis, Administrator

### Summary

No information has been received. It is possible that the Board may need to consider action at the meeting.

Therefore: The Board of Managers may close the meeting pursuant to statutes section 13D.05, subd. 3.c.3, to discuss the purchase an easement or fee ownership interest of a portion of property located in Eden Prairie, Hennepin County PID #3511622230013.

The Joint Application Form for Activities Affecting Water Resources in Minnesota was submitted to the City of Eden Prairie January 11, 2024.

### Attachments

No attachments

### Recommended Action

No action recommended



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### Agenda Item

#### Item 8. A. – Dredge Management

#### Prepared By

Linda Loomis, Administrator

#### Summary

**Sale of Dredge Material** - At the September 20, 2023, Board of Managers meeting, the Board authorized the sale of the dredge material from the MN River to maintain the 9-foot Channel. M & J Trucking has agreed to purchase 54,889 cubic yards of material at a price of \$2/cubic yard. M & J Trucking has been invoiced and I am in the process of getting a purchase agreement.

**Dredging at the mouth of the River** – The LMRWD has not received an invoice for the cost to transport dredge material from the mouth of the river to the dredge placement site at River Mile Post 14.2.

**Private Dredge Material Placement** – LS Marine provided the quantity of private dredge material placed on the Vernon Avenue dredge placement site in 2023. The notice of quantities provided by LS Marine is attached for the Board's information. Invoices have been sent to Cargill, CHS and Savage Riverport.

The public comment period for permit renewals for dredging of the private terminals closed January 4, 2023. Licensees had some questions regarding the LMRWD's management of the Vernon Avenue dredge placement site, which were answered and the LMRWD has not received any additional communications.

**Vernon Avenue Rehabilitation and Culvert Replacement Project** – Activity on the Vernon Avenue Improvements will likely resume now that Hannah LeClaire has returned from Maternity leave.

#### Attachments

Excerpt from September 20, 2023, meeting minutes authorizing sale of dredge material  
Dredge Quantity Summary

#### Recommended Action

No action recommended



placement site in Savage than to develop a second placement site closer to where the dredging takes place.

The USACE said the agreement between the LMRWD and the USACE agreeing to transport material from the mouth of the river up to the LMRWD placement site in Savage must be amended. The Agreement is currently with USACE Division for approval.

**President Hartmann made a motion to authorize payment to the USACE for transport of material dredged at the mouth of the Minnesota River to the LMRWD placement site at RMP 14.2 and to execute an amendment to the Memorandum of Agreement between the USACE and the LMRWD, subject to review and approval of said amendment by LMRWD legal counsel. Manager Amundson seconded the motion. Upon a vote being taken, the motion carried unanimously.**

**ii. Sale of Dredge Material**

Administrator Loomis introduced this item and shared that LS Marine has someone interested in purchasing the stockpile of dredge material on the dredge site. She noted that she is waiting for a purchase agreement for this.

**Manager Kuplic made a motion to authorize the sale of dredge material subject to the receipt of a purchase agreement subject to review and approval of said agreement by LMRWD legal counsel.**

**iii. Private Dredge Material Placement**

Administrator Loomis introduced and provided an update on this item. She stated that she heard from the Savage Riverport and received a check from them. She noted that she also heard from CHS who ordered a check and which should be received by the end of the week. She added that both Savage Riverport and CHS have provided certificates of insurance, as well as renewed performance bonds. She said she had not heard from Cargill.

**iv. Vernon Avenue reconstruction and culvert replacement project**

Manager Amundson noted that a different cross section for the roadway was being requested by the City of Savage. Manager Amundson wondered if the request was sufficient for the purpose of hauling material off the site. Ms. Young said yes. Ms. LeClaire explained that this was discussed with Bolton & Menk and it was determined that the roadway could be reduced to allow for a shoulder and that that is the width of the current roadway. She stated that they also reached out to LS Marine to confirm this.

**E. Watershed Management Plan**

No new information to report since the last update.

**F. 2023 Legislative Action**

No new information to report since the last update.

**G. Education and Outreach Plan**

Administrator Loomis introduced and provided background on this item. She shared that they are looking to purchase the Copyright agreement for the illustrations that were developed for the sign for Courthouse Lake. She added that they are also looking to authorize design, fabrication and install of this sign as well as the ten resource protection signs at Ike's Creek.

**President Hartmann made a motion to authorize execution of the Transfer of Copyright Agreement and authorize payment of the invoice for the Transfer of Copyright, authorize design, fabrication and installation of the Courthouse Lake interpretive sign, and authorize**



December 28, 2023

Mrs. Linda Loomis, Administrator  
Lower Minnesota River Watershed District  
112 East 5<sup>th</sup> Street, Suite 102  
Chaska, Minnesota 55318

**RE: Placement of Private Dredge Material  
Cargill East River Placement Site, MN-14.2 RMP**

Mrs. Loomis:

LS Marine, Inc. was contracted by Cargill, CHS and Riverland Agg to conduct dredging of their private slips on the Minnesota River in Savage in 2023. As per the agreements between these entities and the Lower Minnesota River Watershed District, the dredge materials were placed on the Cargill East River Placement Site (MN-14.2 RMP) for dewatering prior to removal and final placement of the material.

The following is a summary of material placed on the property for each private slip:

Cargill West	8,942 CY
CHS	5,565 CY
Riverland Agg	3,037 CY

Placement of material was completed on September 28th and as agreed, all material placed onsite will be required to be removed from the site for final placement prior to September 28, 2024.

We will update you on the progress of the removals as they proceed.

If you have any questions or need any further information, please feel free to contact me.

Thank you again for working with Cargill, CHS, Riverland Agg and LS Marine to allow use of your placement site for the benefit of our companies, the Port of Savage and the Minnesota and Mississippi River System.

Sincerely,

A handwritten signature in blue ink, appearing to read 'T. Luke', is written over a horizontal line.

Taylor Luke  
President

**LS Marine, Inc.**  
6010 Concord Boulevard, Inver Grove Heights, Minnesota 55076  
(651) 653-6307 tel | (651) 653-6308 fax  
[www.lsmarine.com](http://www.lsmarine.com)



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

**Item 8. C. – Lower MN River East One Watershed One Plan**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

The 60-day comment LMRE 1W1P Draft has been made available to partners in the 1W1P process. The draft Plan has been shared with Young Environmental Consulting Group. It is expected that the Policy Committee will release the draft Plan for the 60-day comment period at its January 18, 2024, meeting. Comments will be due sometime in March. Young Environmental Consulting Group will review the plan on behalf of the LMRWD.

Legal Counsel is reviewing the Joint Powers documents.

### **Attachments**

No attachments

### **Recommended Action**

No recommended action





# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

#### **Item 9. A. – 2022 Financial Audit**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

The 2022 Audit is underway. It has been slow getting them the documents they need with all the other reporting that is required this month and getting meeting materials ready for the Board meeting.

The 2021 Audit Report has been posted to the LMRWD website. It has been uploaded to the Office of the State Auditor and to sent to BWSR. So all regulatory requirements for the 2021 Audit are complete.

### **Attachments**

No attachments

### **Recommended Action**

No action recommended



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting  
Wednesday, January 17, 2024

**Agenda Item**

**Item 9. B. – 2024 Legislative Action**

**Prepared By**

Linda Loomis, Administrator

**Summary**

The item has been postponed until the February Board meeting.

**Attachments**

No attachments

**Recommended Action**

No recommended action



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

**Item 9. C. – Education & Outreach**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

We had hoped to be able to share information from the January 11, 2024, workshop, but were unable to pull it all together in such a short time. This item will be on the February meeting agenda.

### **Attachments**

No attachments

### **Recommended Action**

No action recommended





# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, January 17, 2024

### **Agenda Item**

**Item 10. A. - MPCA Lower Minnesota River Watershed Surface Water Monitoring Request Guidance**

### **Prepared By**

Linda Loomis, Administrator

### **Summary**

LMRWD staff will prepare a proposal for submitting a grant application for the MN River Assessment planned by the MPCA. We have been in touch with the MPCA and there is not a hurry to get this pulled together for the Board to review and approve. The MPCA has a meeting planned for January 31, 2024, where more information will be shared.

### **Attachments**

No attachments

### **Recommended Action**

No action recommended