



THE TECHNICAL ASSISTANCE TIMES



MRWA Water & Wastewater Technical Conference

MRWA's 39th Annual Water and Wastewater Technical Conference will be held March 7-9, 2023 at the River's Edge Convention Center in St. Cloud, MN. MRWA has a conference agenda filled with training topics in the fields of water, wastewater mechanical systems, wastewater collection and pond systems, management, groundwater, source water, very small systems, finance, and water and wastewater exam refresher courses. 16 water or 16 wastewater certification hours (or a combination) will be awarded for full conference attendance.

with old and new friends, share ideas, network with peers, and participate in a wide variety of educational sessions. Ask those questions that are vital to your utility of our expert and knowledgeable industry members.

We are pleased to announce Joe Schmit will be our keynote speaker for the conference. Please plan to attend the 39th Annual MRWA Technical Conference. Register Today!

Don't miss your chance to win great prizes at our Sports Raffle. We have amazing vendors who donate outstanding prizes to the raffle. The grand prizes are a Dream Outdoors Package donated by Hawkins Water Treatment Group and MRWA and the Ultimate Fishing Prize Package donated by Team Lab Chemical. Thank you, Hawkins & Team Lab!

The Great Minnesota Water Taste Test will be judged at this year's conference sponsored by RMB Environmental Labs and MRWA. A Yeti Cooler and \$100 cash prize will be awarded to the winning water sample submitter. During the conference you'll have the opportunity to visit



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Conference Hotels

Closest to the St. Cloud River's Edge:

Kelly Inn:
320-253-0606

Courtyard by Marriot:
320-654-1661

Grandstay Suites:
320-251-5400

Country Inn:
320-252-8282

MRWA 39th Annual Water & Wastewater



TECHNICAL CONFERENCE

March 7-9, 2023 - River's Edge Convention Center
St. Cloud, MN - Tentative Agenda



Tuesday, March 7, 2023

- 8:15am** Color Guard Ceremony
- 8:30am** Opening Session: Quality on Tap! Our Commitment, Our Profession
- 8:45am** Introduction of MRWA Diamond Plus, Diamond, Ruby, & Emerald Corporate Partners
- 9:00am** MDH, MPCA, & Legislative Updates
- 10:30am** Exhibit Hall Opens - Enjoy the latest innovations, technology, and new products in the industry!
- 11:45am** Luncheon

Concurrent Mini-Sessions Begin (3 tracks)

	Water/Wastewater Track	Booth Demonstrations	Groundwater/WHP Protection Track
1:00pm	Backflow Prevention	Hydrant Operation & Maintenance	Benefits of Solar for Protecting Drinking Water
1:30pm	Water Treatment Optimization	Trench Safety	Wellhead Protection Rule Update
2:00pm	Smart Gateway: Going Beyond the Meter	Televising Sewer Lines	Funding Sources for Protecting Drinking Water
2:30pm	Balancing Water Use Demands	Future of Valve Exercising	Mining and Drinking Water Protection - Can They Coexist?
3:00pm	WW Maintenance Structure Lining	Pump Demonstration	The Good, the Bad and the Ugly with Identifying Old Wells
3:30pm	Wastewater Sludge Management	Water Tank and Tower Inspections	What's in Your Water? MDH Initiatives

- 4:00pm** Refreshments, Door Prizes, Exhibitor Gift - Last Chance to Tour Exhibit Hall!
- 5:00pm** Exhibit Hall Closes - Meet and Greet and Sports Raffle Begin in Glenn Carlson Hall

2023 Grand Prizes: A DREAM OUTDOORS PRIZE PACKAGE & AN ULTIMATE ICE FISHING PRIZE PACKAGE

Thank you, Team Lab & Hawkins, for Donating to MRWA's Sports Raffle!



TEAM LAB
"INNOVATIVE SOLUTIONS"

2023 Sports Raffle Prize: Ice Fishing Package donated by Team Lab!



2023 DREAM OUTDOORS PACKAGE



Donated by Hawkins, Inc. & MRWA!





- 8:15am** Leaders in the Industry: NRWA & MRWA We Work For YOU! Awards & Poster Contest
- 8:45am** Keynote Speaker- Joe Schmit
- 9:45am** Taste Test Contest

Concurrent Sessions Begin

Water Operation & Maintenance Session

- 10:00am** No Sweat: Aerogel-Infused Thermal Insulating Coatings for Condensation Control
- 11:00am** Advances in Meter Technology
- 12:00pm** Luncheon & Door Prizes
- 1:00pm** Optimizing Iron & Manganese Filtration
- 2:00pm** When Sip Happens
- 3:00pm** Catch Leaks Before They Catch You
- 4:00pm** Basic Lab Tips & Tricks

Wastewater Mechanical Operation & Maintenance Session

- 10:00am** Leveraging Artificial Intelligence to Streamline Design In Wastewater Systems
- 11:00am** Biological Process Control
- 12:00pm** Luncheon & Door Prizes
- 1:00pm** Why Have My Chemical Treatment Costs Increased
- 2:00pm** Wastewater Network Security
- 3:00pm** Calibrations for Your System
- 4:00pm** Wastewater Cybersecurity

Wastewater Collections/Ponds Operation & Maintenance Session

- 10:00am** How to Remove Biosolids Through BioAugmentation
- 11:00am** Conditioning Wastewater for Effective Pumping
- 12:00pm** Luncheon & Door Prizes
- 1:00pm** Lift Station Maintenance & Controls
- 2:00pm** Manhole Rehabilitation & Poly Pigging
- 3:00pm** Mississippi River Forcemain Crossing
- 4:00pm** Pond Optimization Program Update

Management Session

- 10:00am** Getting the Lead Out - LSL Inventories Made Easy
- 11:00am** Planning Long-Term Infrastructures Needs
- 12:00pm** Luncheon & Door Prizes
- 1:00pm** Using GIS to Inventory Water Services
- 2:00pm** Implementing True Asset Management in a Utility
- 3:00pm** LCRR Inventory/Overview
- 4:00pm** LCRR Funding

Groundwater Session

- 10:00am** Hydrogeology of Minnesota: A Tour of Minnesota's Aquifers
- 11:00am** Minnesota's Extreme Weather & Its Impact On Drinking Water
- 12:00pm** Luncheon & Door Prizes
- 1:00pm** Per-and Polyfluoroalkyl Substances (PFAS) Facts, Findings & Funding
- 2:00pm** Work Smarter, Not Harder. Wellhead Protection Implementation Panel
- 3:00pm** Saving Our Water Supplies - One Forest at a Time

Wednesday, March 8, 2023

Session Time: 8:00am - 12:00pm

Class E Small Water Systems Session

(Non Transient, Non Community and Non Municipal)

Topics covered include:

**Water Sampling for Small Systems
Lead & Copper Revised Rule
Source Water Protection Plans & Grants
Groundwater Wells**

4 water certification hours awarded for attendance.

Ultimate Fishing Package
donated by Team Lab!



TEAM LAB
"INNOVATIVE SOLUTIONS"

DREAM Outdoors Package
donated by Hawkins!



HAWKINS

Exam Refresher Sessions

These sessions will run 10:00am - 5:00pm

- 10:00am** A&B Water Certification Exam Refresher
C&D Water Certification Exam Refresher
- 10:00am** A&B Wastewater Certification Exam Refresher
C&D Wastewater Certification Exam Refresher



**Keynote Speaker:
Joe Schmit**



Concurrent Sessions Begin

	Water Track	Wastewater Track
8:30am	Locating & GPS Data	PFAS and Wastewater Biosolids
9:15am	Infrastructure & the History of Meter Reading	Lab Applications
10:00am	Break	Break
10:15am	Water Distribution Project Design to End	Advances in Trenchless Technologies
11:00am	Impacts of Biological Activity on Iron & Manganese Filtration	Air Release Valves 101
11:45am	Wrap-Up and Drawings	
12:45pm	MRWA Annual Meeting	

Thursday, March 9, 2023
 Water and Wastewater Exams will
 be given at 8:30 am

Exam Refresher Session Offered at Technical Conference

The Minnesota Rural Water Association will be sponsoring an Exam Refresher Session on Wednesday, March 8, 2023, as part of the MRWA Technical Conference. The exam refresher session will give the attendee an opportunity to review information that will be part of the certification testing. **The certification test will be given Thursday, March 9, 2023, at 8:30am.**

- YES, I will be attending the **A&B WATER Exam Refresher**, March 8, 2023, from 10:00am - 5:00pm.
 - YES, I will be attending the **C&D WATER Exam Refresher**, March 8, 2023, from 10:00am - 5:00pm.
 - YES, I will be attending the **A&B WASTEWATER Exam Refresher**, March 8, 2023, from 10:00am - 5:00pm.
 - YES, I will be attending the **C&D WASTEWATER Exam Refresher**, March 8, 2023, from 10:00am - 5:00pm.
 - YES, I will be attending the entire Technical Conference.
- (If not, please fill out the registration information below)**
- Yes, Please send me an exam application - circle one: WATER or WASTEWATER
 - Yes, Please send me a Minnesota Department of Health **CLASS D WATER** Study Guide.

There is no charge for this session if you are attending the Technical Conference (See Technical Conference registration form.) If you are **NOT** attending the Technical Conference, there is a fee of \$150.00 for the Exam Refresher Session. The following registration is required.

WEDNESDAY EXAM REFRESHER ONLY: Includes Refresher Class & Luncheon - \$150.00

Please make check payable to Minnesota Rural Water Association or pay online at: www.mrwa.com ("Make a Payment" at top of page.)

Name (please print) _____

Address _____

City _____ State _____ Zip _____

Employer _____

E-mail: _____

If you have any questions, call 800-367-6792, or e-mail: mrwa@mrwa.com. Register online at www.mrwa.com

***You MUST fill out and mail an exam application to the Minnesota Department of Health (Water Exam) OR the Minnesota Pollution Control Agency (Wastewater Exam) 15 days prior to the exam date.** The exam fee, payable to MDH is \$32.00 and to MPCA is \$55.00. Exam applications can be downloaded at: <https://www.mrwa.com/training/trainingcalendar/>.

MRWA TECHNICAL CONFERENCE PRE-REGISTRATION FORM

This form must be received no later than February 17, 2023 for pre-registration rates to apply.
Mail to: Minnesota Rural Water Association, 217 12th Avenue SE, Elbow Lake, MN 56531.

***** One attendee per form *****

System or Organization:

First Name:

Last Name:

Address:

City:

State:

Zip:

Phone:

Fax:

E-mail address:

Please check one of the following:

Manager/Operator _____

Council/Board _____

Mayor _____

Administrative/Clerk _____

Industry _____

Other _____

Don't Miss This Special!

\$25.00 discount registration for Mayors, Clerks, Board Members, or Councilpersons attending for the first time. Must be accompanied by system operator or manager.

If attending an Exam Refresher, please include the form on page 4.

Full Registration

Includes access to all sessions, Exhibit Halls, and luncheons.

**Postmarked prior to
February 17, 2023**

On-Site Registration

\$ _____ MRWA Member

\$275.00 (per person)

\$300.00 (per person)

\$ _____ Non-Member

\$325.00 (per person)

\$350.00 (per person)

\$ _____ **Total Due (make checks payable to Minnesota Rural Water Association)**



Please send your registration form with payment by February 17, 2023 to:

Minnesota Rural Water Association
217 12th Ave SE
Elbow Lake, MN 56531
E-mail: mrwa@mrwa.com
Web: www.mrwa.com

Questions? Please call (800) 367-6792

MRWA handles credit card payments online!

MRWA accepts VISA, MasterCard, American Express, Discover, and eCheck.

To complete your payment online, go to www.mrwa.com and click on the 'pay now' icon on our home page.

Thank you!

Let's Recognize Our Peers! Your Input Is Requested...



At the 39th Annual MRWA Technical Conference Awards, we will recognize those individuals who have made a difference with their systems this past year. Please take the time to nominate someone. We appreciate your input!

Henry Walraven Award: Individual responsible for a significant contribution to the improvement of a water/wastewater system.

NOMINEE: _____

Achievement Award: System and/or person who has applied innovative ideas, inventions, or procedures that has benefited the operation of a public water/wastewater system and/or its customers.

NOMINEE: _____

Extra Mile Award: Efforts put forth by an individual above and beyond his/her normal scope of responsibilities in assisting water/wastewater systems and their personnel (supplier, government personnel, engineer, etc.).

NOMINEE: _____

Send nominations to us by e-mail at: mrwa@mrwa.com by **February 15, 2023.**

Lyle Trautman Scholarship

MRWA will be awarding two Lyle Trautman Scholarships at the 39th Annual Water & Wastewater Technical Conference on March 8, 2023, in St. Cloud. These scholarships of \$500.00 each will be made to a student to defray the cost of tuition, books, or room and board to an accredited institution of higher learning approved by MRWA. Scholarship money will be paid directly to the student upon presentation of the winner's college invoice as proof of enrollment. Decisions are final. No transfer of scholarship is permitted. Applicants must be currently enrolled in college. For the scholarship application, call the MRWA office at: 800-367-6792 or download from our website at www.mrwa.com. **Postmark deadline: February 21, 2023.**





IT'S ALL ABOUT Good Taste

**Do you have the
best tasting water
in Minnesota?**

Prove it!



Bring a water sample; get a prize!

MRWA Water Taste Test Contest

Wednesday, March 8, 2023 at 9:45am
River's Edge Convention Center - St. Cloud, MN

Bring a one-quart (glass container) sample of your system's water to the conference.

Water samples will be accepted until 4:00pm on Tuesday, March 7th at the MRWA registration desk. We will refrigerate the sample. Only one sample per system. (Do not label the sample, we will provide a code.)

Decisions of the judges are final. The winner's sample will go on to represent Minnesota at the National Great American Taste Test in Washington, DC in 2024.



YETI® Prize Package!
Sponsored by: RMB Environmental Laboratories, Inc.

MRWA WASTEWATER OPERATION & MAINTENANCE TRAINING SESSION



AGENDA

- 8:00am MRWA Updates and Services**
See what's new in the industry and learn about the changes in store for wastewater operations specialists. Get the latest on MRWA training, events, and technology. Learn about resources available to wastewater operations specialists.
- 8:30am MPCA Compliance & Enforcement**
Discover a better understanding of the process Minnesota Pollution Control Agency uses when reviewing systems for compliance and enforcement issues.
- 9:00am Data Integrity and Record Keeping**
Learn how to effectively keep your wastewater data and results and how it could come in handy in case of an MPCA site visit. See examples of incorrect data enforcement.
- 10:00am Sewer Evaluation and Rehabilitation**
We will be discussing different technologies for sewer maintenance along with technologies for sewer rehabilitation.
- 11:00 am How to Calibrate Lift Stations and Flow Meters**
Learn the importance of flow meters and calibration. See the correct procedure of lift station calibrations.
- 12:00pm Lunch (On Your Own)**
- 1:00pm Failing Wastewater Infrastructure**
With changing regulations, degrading systems, and fewer operations specialists, this industry has never been more challenged. Learn approaches to keeping your system running and get tips to prepare for the future.
- 2:00pm Liftstation Controls & Communications**
Learn the technology of communication in the wastewater field and how you can have the controls to solve problems and see issues before they start. The instructor will also demonstrate a DERAGGER pump control available to eliminate clogging wastewater pumps.
- 3:00pm MPCA Updates on Sewer Service Laterals**
MPCA will provide updates and information regarding sewer lateral maintenance and implementation.
- 3:30pm End of Day**

February 15, 2023
Big Lake Water Plant
17991 203rd Ave
Big Lake, MN



Course Instructors:

AE2S
Calibrations & Controls, Inc.
(a subsidiary of First Systems
Technology, Inc.)
League of Minnesota Cities
Minnesota Pump Works
Minnesota Pollution Control
Agency
Visu-Sewer
and
Minnesota Rural Water
Association

**Six Wastewater Certification
Hours for Full Day
Attendance**

There is **NO** charge for this
session

To Register For Any Training Session: Call the MRWA Office at 800-367-6792 or online at www.mrwa.com. Use the Training Calendar link.

MRWA WATER OPERATION & MAINTENANCE TRAINING SESSION



AGENDA

- 8:00am Low Income Household Water Assistance Program**
Gain a better understanding of LIHWAP which will include the purpose of the program, legislative authority over the program, government appropriations, eligible applicant of the program and what the program funds can be used for.
- 9:00am Utility Line Locating and Operator Safety**
Locating is done in every system and is consistently evolving with better technology. We will discuss the proper way to efficiently locate your water mains and service lines to help eliminate damage from other utilities and contractors. Aspects of tracer wire specifications will be explained to help operations specialists understand proper installation of locating infrastructure.
- 10:00am Where do Chemicals Come From, and How Do Supply Challenges Impact You?**
Chemicals are an integral part of every water system. Chemical supply challenges and impacts to utilities and operations will be discussed at this session.
- 11:00am Minnesota Department of Health Updates**
Minnesota Department of Health will discuss what you should be doing to keep your water system in compliance and what to do in certain emergency situations. New requirements regarding the Revised Lead and Copper Rule will also be discussed.
- 12:00pm Lunch (On Your Own)**
- 1:00pm Source to Tap: What You Need to Know**
It's never been more important than now to understand and review your system and its chemistry. We will cover: emerging contaminants, chemical availability and costs fluctuations and new regulations.
- 2:00pm Groundwater Filtrations Basics**
We will cover an overview of water treatment filter components and operations to help you get the best use out of your system.
- 3:00pm Asset Management**
An asset management plan can be used to help effectively manage the water system assets to maintain the desired level of service and ensure long term sustainability. Attendees will learn the five core components of asset management, how to get started on a plan, and review MRWA's free asset management template.
- 4:00pm End of Day**

**February 16,
2023**

**Big Lake Water
Plant
17991 203rd Ave
Big Lake, MN**

About the Class:

Get valuable information you need from our expert trainers to maintain compliance with the Safe Drinking Water Act (SDWA) and state regulations.

Technical assistance to address compliance issues is available from Minnesota Rural Water Association at no cost.

Support Minnesota Rural Water Association
Training | Technical Assistance

6 WATER certification hours |
FREE of charge!

Instructors:

AE2S
Apex Engineering Group
Hawkins Chemical Company
Minnesota Department of Health
UtilityLogic
and
Minnesota Rural Water Association

This Safe Drinking Water Act training is brought to you through a grant by the National Rural Water Association and US EPA.

Attend this session and learn how to keep your water system in compliance with state and federal drinking water regulations!

To Register For Any Training Session:

Call the MRWA Office at 800-367-6792 or online at:

<https://www.mrwa.com/training/trainingcalendar/>



LEAD & COPPER RULE REVISION WEBINAR

Feb. 21, 2023

10:00 am - 11:00 am

**“An Informational
Overview of the Lead
and Copper Rule
Revisions”**

There is no charge
for this session.

You **MUST** watch the
full session **on your
own device** to get 1
Water Certification
Hour awarded.

**Minnesota Rural Water Association (MRWA) is
providing webinars for public water systems.**

These online training webinars are accredited and can be used towards your water operator certification renewal.

Our next webinar will be held on February 21, 2023, at 10am. John Nelson, MRWA Lead and Copper Technical Advisor, will be the presenter at this training session. This training session will provide an overview of the Lead and Copper Rule Revisions. Topics will include identification of service lines, the inventory process, the replacement procedures, and financial resources.

If you have any questions that you would like to email us prior to the webinar, please send them to us at mrwa@mrwa.com and we will include them in the webinar.

To register for this webinar, please click on the link below. Each operator must register and sign-in separately to receive credit for attending the webinar. If you have any questions about the webinar or how to register, please feel free to call our office at 800-367-6792. We hope you will join us!

Instructor: John Nelson, Minnesota Rural Water Association

TO REGISTER FOR ZOOM MEETING:

<https://us02web.zoom.us/j/89123375697?pwd=TVJsdWJLUkRKWWEvWTMrOktHM0hNdz09>

After registering, you will receive a confirmation email containing information about joining the meeting.

MRWA Sustainable Utility Management



Minnesota Rural Water Association in conjunction with USDA Rural Development, invite you to attend this Sustainable Management Workshop.

Workshop Agenda

- * Introductions & Workshop Objectives
- * Overview of Key Management Areas
- * Energy Efficiency
- * Asset Management
- * Compliance and Case Studies
- * Workshop Feedback

Objectives:

- ◆ *How to deliver increasingly efficient, and higher quality services.*
- ◆ *How to improve long-term sustainability and increase resiliency.*
- ◆ *How to set rates and pay for your projects!!!*
- ◆ *How to use the Small Systems Guidebook to Effective Utility Management to make improvements at your system.*

Workshop Details:

Date: February 23, 2023

Time: 8:00 am to 11:30 am

Location: Two Harbors Community Center
417 South Ave
Two Harbors, MN 55616

Fee: There is **NO** fee for this session

Register: Call 800-367-6792 or online at:
<https://www.mrwa.com/training/trainingcalendar/>

Speakers:

Advanced Utility Solutions
Minnesota Pollution Control Agency
and Minnesota Rural Water Association

This workshop will help utilities address a full range of challenges and improve the management of their operation and infrastructure.

Utilities will learn to make improvements in the ten key management areas, focusing first on their most pressing challenges.

Ten Key Management Areas:

1. Product Quality
2. Customer Satisfaction
3. Employee Leadership & Development
4. Operational Optimization
5. Financial Viability (including setting rates)
6. Operational Resiliency
7. Infrastructure Stability
8. Community Sustainability
9. Water Resource Adequacy
10. Customer Understanding & Support

3 credit hours awarded for full attendance.





February 23, 2023

EMERGING CONTAMINANTS: PFAS WORKSHOP

12:30 pm - 4:00 pm

Introductions and PFAS Basics

Speaker: Joe Janson, MRWA

Learn about Per- and Polyfluoroalkyl Substances and how they affect your wastewater systems.

Managing PFAS in your Community

Speakers: Scott Schaefer & Aaron Vollmer, AE2S

Sampling approaches and its impact on outcome, alternative water source evaluation, liquid stream treatment and bio-solids implications of Per- and Polyfluoroalkyl Substances.

TO REGISTER:

Call the MRWA office at 800-367-6792 or go online to www.mrwa.com.
Use the Training Calendar link.

**EMERGING
CONTAMINANTS:
PFAS WORKSHOP**

**3 DIRECT
WASTEWATER
CREDITS**

**There Is
No Charge For
This Session!**

LOCATION:

Two Harbors
Community Center
417 South Ave
Two Harbors, MN



FY23 Appropriations Bill Includes \$18.6 Million for Lewis & Clark

Tea, SD - The FY23 Appropriations Bill that was signed into law on December 29, 2022 by President Biden includes \$18.6 million for ongoing construction of the Lewis & Clark Regional Water System (L&C). This total includes the \$6.6 million proposed by the Administration, as well as the \$12 million congressionally directed spending request made by Senators Amy Klobuchar, Mike Rounds and Tina Smith.

"This critically needed funding will be used to cover the remaining costs of four projects currently under construction that were planned to be paid for over two fiscal years. These projects include two segments of the Madison service line (combined 32 miles), the one-million gallon water tower just west of Sheldon and improvements at the water treatment plant. The latter includes adding more high service pumps among other things. No new contracts will be awarded with these funds. Our thanks and appreciation to Senators Klobuchar, Rounds and Smith for requesting the additional funding on our behalf, as well as to the rest of the tristate congressional delegation for their continued strong support to get us across the finish line," said Executive Director Troy Larson.

The Bureau of Reclamation is expected to soon announce how much funding L&C will receive in FY23 from the Bipartisan Infrastructure Law. L&C officials anticipate it will be in the range of \$55 million to \$65 million. These funds will be used to award new projects that are part of the "base system" of 44.19 million gallons a day.

Contact: Troy Larson, Executive Director - 605-368-2400 (work) and 605-310-0560 (cell)



MDH/PFAS Dashboard and Roadmap

The Minnesota Department of Health (MDH) is testing for per- and polyfluoroalkyl substances (PFAS) in community water systems across the state to evaluate whether Minnesotans are exposed to PFAS at levels above MDH health-based guidance values in drinking water.

In addition, the U. S. Environmental Protection Agency (EPA) is developing maximum contaminant level goals for perfluorooctanoic acid and perfluorooctane sulfonic acid and will release proposed maximum contaminant levels (MCLs) before the end of 2022. Final MCLs, which will be enforceable, are expected to be announced in the fall of 2023.

In some states, including Minnesota, agreements have been reached with accountable entities to provide funds for addressing PFAS in the water. At the federal level, the Bipartisan Infrastructure Law addresses funding to water utilities, including significant contributions to the Drinking Water Revolving Fund.

MDH and the EPA have a dashboard and roadmap for status updates and other information:

[MDH Interactive Dashboard for PFAS Testing in Drinking Water](#)

[PFAS Strategic Roadmap: EPA's Commitments to Action 2021-2024](#)

Reprinted from Minnesota Department of Health Waterline Winter 2022-2023

Clean Water & Drinking Water Revolving Funds Intended Use Plan Approval Notice

On December 16, 2022, the Minnesota Public Facilities Authority (PFA) approved its 2023 Intended Use Plans (IUPs) for the Clean Water Revolving Fund (CWRF) and Drinking Water Revolving Fund (DWRF). The IUPs identify the projects and activities the PFA intends to fund from the CWRF and DWRF in state fiscal year 2023 (July 1, 2022 to June 30, 2023), including the use of federal funds from Year 1 of the Infrastructure Investment and Jobs Act (IIJA).

The IUPs are available on the PFA webpage under “Infrastructure Funds and Programs” and then either Clean Water Revolving Fund or Drinking Water Revolving Fund.

If you have any questions about the CWRF or DWRF, please contact your PFA loan officer shown on the map. Questions about the environmental and technical review process should be directed to the assigned review engineer at the appropriate agency, or Bill Dunn at the MPCA (651-757-2324) or Chad Kolstad at the MDH (651-201-3972).



BWSR awards \$11.6 million in Clean Water Fund grants

34 grants will support projects to improve water quality in Minnesota

St. Paul, Minn. – The Minnesota Board of Water and Soil Resources (BWSR) approved \$11.6 million in Clean Water Fund grants today to improve water quality in streams, lakes and groundwater across the state. Most of the grant funding is allocated for voluntary conservation projects throughout Minnesota, including funding for projects that focus on improving and protecting drinking water.

“Local governments are ready to work with private landowners across Minnesota to implement projects that will make meaningful progress toward improving water quality,” said BWSR Executive Director John Jaschke. “These grants support our valuable water resources by keeping our lakes, rivers and streams healthy.”

An example of expected outcomes includes the Pelican Lake Watershed District restoring function to the partially drained Rice Lake wetland. The project will reduce the largest phosphorous tributary loading source to downstream Detroit Lake, a high value recreational lake.

Another example is a soil health initiative in the city of Goodhue’s 2,500-acre municipal water supply to reduce nitrate contamination. A suite of soil health practices will be promoted and installed on agricultural lands in the drinking water supply management area to help reduce nitrogen leaching through the groundwater system.

The \$11.6 million will fund 34 grants. [Learn more](#) about the grant recipients:

- [Projects and Practices](#) (19 grants)
- [Drinking Water Projects and Practices](#) (8 grants)
- [Multipurpose Drainage Management](#) (4 grants)
- [Soil Health](#) (3 grants)

About the Minnesota Clean Water Fund

Minnesota voters approved the Clean Water, Land and Legacy Amendment in 2008 to protect, enhance, and restore wetlands, prairies, forests, and fish, game, and wildlife habitat; to preserve arts and cultural heritage; to support parks and trails; and to protect, enhance, and restore lakes, rivers, streams, and groundwater. The Clean Water Fund receives 33 percent of the sales tax revenue generated by the Legacy Amendment. More information about the Clean Water Fund is available [here](#).