

# MRWA 40th Annual Water & Wastewater TECHNICAL CONFERENCE

March 5-7, 2024  
River's Edge Convention Center, St. Cloud, MN  
Tentative Agenda



**Tuesday, March 5, 2024**

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

**Concurrent Mini-Sessions Begin (3 tracks)**

|                | <b>Water/Wastewater Track</b>                                | <b>Booth Demonstrations</b>                                       | <b>Groundwater/WHP Protection Track</b>  |
|----------------|--|---|--|
| <b>1:00 pm</b> | Preparing for the Lead & Copper Rule                         | Lift Station Material: Concrete or Fiberglass                     | Balancing Water Use Demands While Protecting Drinking Water Supplies and Natural Resources |
| <b>1:30 pm</b> | Horizontal Drilling with Ductile Iron Pipe                   | Flow Meter Calibrations and Maintenance                           | Generators and Wiring Considerations for Back-up Power Supply                              |
| <b>2:00 pm</b> | Water Tank & Tower Inspections                               | Pipe Rehab & Repair   | Good, Bad, Ugly: Stormwater Management Within Drinking Water Supply Management Areas       |
| <b>2:30 pm</b> | GIS Asset Management   | Hydrant Operation & Maintenance                                   | Pathogen Prevention  |
| <b>3:00 pm</b> | Rural Water PFAS Litigation and Settlements for Your Utility | Vaughn Chopper Demonstration or EcoSoar Wastewater Pond Treatment | How Can the Central Minnesota Water Education Association Benefit Your Water Supply?       |
| <b>3:30 pm</b> | WW PFAS Treatment Alternatives                               | Changes in the Brass Waterworks Industry                          | Minnesota Wellhead Protection Rule Update  |

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

**2024 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"

**2024 Sports Raffle Prize: Ice Fishing Package donated by Team Lab!**



**2024 DREAM OUTDOORS PACKAGE**



**Donated by Hawkins, Inc. & MRWA!**





- 8:00 am Keynote Speaker- Billy Molls  
"Modern Day Mountain Man"
- 9:00 am Leaders in the Industry: NRW & MRWA  
We Work For YOU! Awards & Poster Contest
- 9:45 am Taste Test Contest

## Wednesday, March 6, 2024

Session Time: 8:00am - 5:00pm

### Class D & E Small Water Systems Session (Non Transient, Non Community and Non Municipal)

Topics covered include:

LCRR, Lead Service Line Inventory,  
Asset Management, Source Water Protection,  
Safe Drinking Water Act Rules and Regulations  
and Drinking Water Wells.

4 water certification hours awarded for morning or  
afternoon session attendance. 8 water certification  
credits awarded for full-day session attendance.

### Concurrent Sessions Begin

#### Water Operation & Maintenance Session

- 10:00 am Phosphate - Lead & Copper, Controlling FE & MG
- 11:00 am Preparing For This Year's Water Tank Evaluation
- 12:00 pm Luncheon & Door Prizes
- 1:00 pm Controlling Chemical Costs With Alternatives
- 2:00 pm Lab Tips & Tricks for Operators
- 3:00 pm Filter & Softener Refurbishment 101
- 4:00 pm Biological Filtration: Challenges and Opportunities

#### Wastewater Mechanical Operation & Maintenance Session

- 10:00 am Evolution of Tracer Wire and Accessories
- 11:00 am Modeling for Infrastructure Planning
- 12:00 pm Luncheon & Door Prizes
- 1:00 pm Biogas Cogeneration Solutions
- 2:00 pm Compliance Issues with Lab Data
- 3:00 pm Training Wastewater Heroes: Reduce Energy Consumption & Saving Money
- 4:00 pm Removing PFAS from Landfill Leachate

#### Wastewater Collections/Ponds Operation & Maintenance Session

- 10:00 am Flow, Level Monitoring and Sensor Solutions
- 11:00 am SCADA: A Force Multiplier for Operations
- 12:00 pm Luncheon & Door Prizes
- 1:00 pm Chemicals & Safety
- 2:00 pm Bio Augmentation: Improving Collection Systems, Pond & Mechanical Plants
- 3:00 pm Having the Right Wastewater Hoses
- 4:00 pm Thermal Arc-Spray: Corrosion Control

#### Management Session

- 10:00 am Defining a Water Professional
- 11:00 am How to Respond to PFAS in Water Sources
- 12:00 pm Luncheon & Door Prizes
- 1:00 pm LCRR: Lead Service Line Inventory
- 2:00 pm LCRR: Funding and Replacement
- 3:00 pm EPA Compliance Inspections
- 4:00 pm Increasing Your Water System Resilience to Cyber Threats

#### Groundwater Session

- 10:00 am Cleaning Up Your Community: Partnering with County Programs on Collection of Hazardous Materials
- 11:00 am Wells & Groundwater - How They Interact
- 12:00 pm Luncheon & Door Prizes
- 1:00 pm MPCA Emergency Spill Response
- 2:00 pm Minnesota Drinking Water Action Plan
- 3:00 pm Highlighting Sourcewater Protection Success- Stories From the Field

#### 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  
SD/SC Collections Certification Exam Refresher

Ultimate Fishing Package  
donated by Team Lab!



**TEAM LAB**  
"INNOVATIVE SOLUTIONS"

DREAM Outdoors Package  
donated by Hawkins!



**HAWKINS**

### Celebrating MRWA's 40th Conference

Wednesday,  
March 6th  
5:30 pm to 7:30 pm  
-Featuring-  
Swamp Donkey





## Concurrent Sessions Begin

|         | Water Track   | Wastewater Track            |
|---------|---|-----------------------------|
| 8:30am  | MDH Update on PFAS  | Over Watch / DeRagger Pumps |
| 9:15am  | Cybersecurity and MDBPs/CCRs  | Trenchless Sewer Repair     |
| 10:00am | Break   | Break                       |
| 10:15am | Physical Security of Water Systems  | Air Release Valves 101      |
| 11:00am | Relationship Between Chlorine and Ammonia: Critical to Operating a Water System | Envirosight Sewer Cameras   |

11:45am Wrap-Up and Drawings

12:45pm MRWA Annual Meeting

**Thursday, March 7, 2024**  
 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 6, 2024, 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 7, 2024, at 8:30am.**

- YES, I will be attending the **A&B WATER Exam Refresher**, March 6, 2024, from 10:00am - 5:00pm.
- YES, I will be attending the **C&D WATER Exam Refresher**, March 6, 2024, from 10:00am - 5:00pm.
- YES, I will be attending the **A&B WASTEWATER Exam Refresher**, March 6, 2024, from 10:00am - 5:00pm.
- YES, I will be attending the **C&D WASTEWATER Exam Refresher**, March 6, 2024, from 10:00am - 5:00pm.
- YES, I will be attending the **SD/SC COLLECTIONS Exam Refresher**, March 6, 2024, 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.

\*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/>.

**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](http://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](mailto:mrwa@mrwa.com). Register online at [www.mrwa.com](http://www.mrwa.com)

# MRWA TECHNICAL CONFERENCE PRE-REGISTRATION FORM

This form must be received no later than February 20, 2024 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 20, 2024**

**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 20, 2024 to:**

Minnesota Rural Water Association  
217 12th Ave SE  
Elbow Lake, MN 56531  
E-mail: [mrwa@mrwa.com](mailto:mrwa@mrwa.com)  
Web: [www.mrwa.com](http://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](http://www.mrwa.com) and click on the 'pay now' icon on our home page.

Thank you!

**Cancellation Policy: Fees will be refunded if written request is received prior to February 20, 2024.**