MRWA’s 36th Annual Water and Wastewater Technical Conference will be held March 3-5, 2020 at River’s Edge Convention Center in St. Cloud, MN.

Don’t miss out on: EXHIBIT HALL full of vendors ready to network with you on new products, services, and technologies; TRAINING AGENDA with topics in the fields of water, wastewater mechanical systems, wastewater collections and pond systems, management, groundwater, source water, very small systems, finance, and water and wastewater exam refresher courses; SPORTS RAFFLE with great prizes that you can win! The grand prizes are once again a 2020 Polaris Four-Wheeler OR a 2020 Toro Zero Turn Lawn Mower donated by Hawkins Inc. and MRWA and the Ultimate Fishing Prize Package donated by Team Lab Chemical Corp.; CERTIFICATION HOURS with 16 water certification hours or 16 wastewater certification hours (or a combination) awarded for full conference attendance; AND MUCH MORE including a drinking water taste test contest, great food, and great door prizes.

Don’t miss Gary Berg of G. L. Berg Entertainment after our RURAL WATER BREAKFAST on Wednesday, March 4th. He will be presenting “Simple Truths in the Workplace and in Life.” Besides challenging people to think - he also makes sure all audiences laugh hard as well and do not forget how important it is to remember his last simple truth - It is important to laugh often and laugh loud!

Help us celebrate our 36th Annual MRWA Technical Conference!

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Conference Hotels

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
Tuesday, March 3, 2020

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)

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<th>Water/Wastewater Track</th>
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<th>Groundwater/WHP Protection Track</th>
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<tr>
<td>1:00pm  Testing Parameters</td>
<td>Hydrant Operation &amp; Maintenance</td>
<td>Interest Free Loans from MPCA. What Can I Buy?</td>
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<td>1:30pm  Safety in the Sewage</td>
<td>Sewer Line Inspections</td>
<td>&quot;Our Groundwater Connection&quot; - Using Animation to Make the Invisible Visible</td>
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<td>2:00pm  I&amp;I Reduction Success</td>
<td>Trench Safety</td>
<td>Aquifer Pump Test 101: Why Are We Doing This and What Do We Learn?</td>
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<td>2:30pm  PFAS: Understanding Treatment and Options</td>
<td>Challenges in Meter Accuracy</td>
<td>From Clouds to Tap: Source Water Assessment</td>
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<td>3:00pm  Controlling Water Loss: Aging Infrastructure &amp; Limited Budgets</td>
<td>Pie in the Sky: Project Design to Assessment</td>
<td>Source Water Protection Grant Program - What’s New and Real Life Examples</td>
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<tr>
<td>3:30pm  Efficient Water Use: Water Conservation Reporting</td>
<td>Problem Solving in Level Measurement</td>
<td>WHAF - A Four Letter Word; But What Does It Mean?</td>
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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

2020 Sports Raffle Prize: 2020 Polaris Sportsman 4-Wheeler OR 2020 Toro Zero Turn Lawn Mower - YOUR CHOICE

Thank you, Team Lab & Hawkins, for Donating to MRWA’s Sports Raffle!
Wednesday, March 4, 2020

6:45am Rural Water Breakfast
8:15am Gary Berg:
Simple Truths in the Workplace and Life
8:45am Leaders in the Industry: NRWA & MRWA
We Work For YOU! Awards & Poster Contest
9:45am Taste Test Contest

Concurrent Sessions Begin

Water Operation & Maintenance Session
10:00am Promoting Distribution System Health from the Source
11:00am Progressive Changes in International Falls:
Utilizing their AMI Communications System
12:00pm Luncheon & Door Prizes
1:00pm Optimization of Lime Softening Plants
2:00pm Choosing the Correct Chemical Feed Equipment
For Your Application
3:00pm IHydrant: Distribution Data Collection Technology
4:00pm What's New in Water Meters and Software Systems?

Wastewater Mechanical Operation & Maintenance Session
10:00am Six Pounds in a Five Pound Bag - A Biosolids Story
11:00am Midge Flies: Your Nemesis
12:00pm Luncheon & Door Prizes
1:00pm WW Pumps in the Mechanical Treatment Plant
2:00pm Maintaining, Protecting, and Repairing Your Concrete Floors
3:00pm All About pH! Is It As Simple As It Seems?
4:00pm Phosphorus Removal: Concepts and Capabilities

Wastewater Collections/Ponds Operation & Maintenance Session
10:00am Collections Systems Trace Wire Installation & Trench Safety
11:00am Bio-Augmentation / Algae Control
12:00pm Luncheon & Door Prizes
1:00pm Everything You Need to Know About Air Release Valves
2:00pm Odor & Corrosion Control Associated with H2S
3:00pm Lift Stations, Well Houses, Controls, and Booster Stations Package
4:00pm MRWA and U of M Pond Optimization Program

Management Session
10:00am AWIA: Risk Resiliency Assessment Updates
11:00am Asset Management: Cost Effective Strategies
12:00pm Luncheon & Door Prizes
1:00pm Master Planning & Water System Modeling
2:00pm Driving ROI - Advanced Meter Management Tools
3:00pm Optimizing Communications With Your Customer
4:00pm Public Relation Campaign to Sell Rate Increase

Exam Refresher Sessions
These sessions will run 10:00am - 5:00pm
10:00am A&B Water Certification Exam Refresher
10:00am C&D Water Certification Exam Refresher
10:00am A&B Wastewater Certification Exam Refresher
10:00am C&D Wastewater Certification Exam Refresher
10:00am SC&SD Collections Certification Exam Refresher

Groundwater Session
10:00am New Funding Opportunities for Drinking Water Protection
11:00am Nitrate, Risk Assessment, and Health Effects
12:00pm Luncheon & Door Prizes
1:00pm How to Use Your Wellhead Protection Plan in Land Use Planning & Zoning
2:00pm How to Tell Your Parents About Your Water-Quality Problem
3:00pm Unregulated Contaminants and Pathogens Project
Concurrent Sessions Begin

<table>
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<tr>
<th>Water Track</th>
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<tr>
<td><strong>8:30am</strong> MN Water Use &amp; Our Laws</td>
<td>Low Salt Diet: Reducing Chlorides with Lime/Soda Ash</td>
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<td></td>
<td>Softening</td>
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<td><strong>9:15am</strong> Nitrate Removal in Wells:</td>
<td>MPCA Inspections &amp; Permits: What to Expect &amp; Will It</td>
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<td>Verndale: A Case Study</td>
<td>Include Phosphorus &amp; Nitrogen</td>
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<td><strong>10:00am</strong> Break</td>
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<tr>
<td><strong>10:15am</strong> Water Hammer Fundamentals and</td>
<td>Arc Flash Safety Compliance Rules and Regulations</td>
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<td>Protection Equipment</td>
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**11:00am** Are You Smarter Than A Water or Wastewater Operations Specialist?

**11:45am** Wrap-Up and Drawings

**12:45pm** MRWA Annual Meeting

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Exam Refresher Session Offered at Technical Conference

The Minnesota Rural Water Association will be sponsoring an Exam Refresher Session on Wednesday, March 4, 2020, 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 5, 2020, at 8:30am.

☐ YES, I will be attending the **A&B WATER Exam Refresher**, March 4, 2020, from 10:00am - 5:00pm.
☐ YES, I will be attending the **C&D WATER Exam Refresher**, March 4, 2020, from 10:00am - 5:00pm.
☐ YES, I will be attending the **A&B WASTEWATER Exam Refresher**, March 4, 2020, from 10:00am - 5:00pm.
☐ YES, I will be attending the **C&D WASTEWATER Exam Refresher**, March 4, 2020, from 10:00am - 5:00pm.
☐ YES, I will be attending the **SC&SD COLLECTIONS Exam Refresher**, March 4, 2020, 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. There is no charge to come and only take the test on Thursday, March 5th.

**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) (use the Pay Online button)

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](http://www.mrwa.com) (use the fast track training button).

*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: [www.mrwa.com](http://www.mrwa.com) (Use the water or wastewater resources link).*
MRWA TECHNICAL CONFERENCE
PRE-REGISTRATION FORM

This form must be received no later than February 21, 2020 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 ________

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 21, 2020

On-Site Registration

$ _______ MRWA Member $250.00 (per person) $275.00 (per person)

$ _______ Non-Member $300.00 (per person) $325.00 (per person)

$ _______ Total Due (make checks payable to Minnesota Rural Water Association)

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.

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!

Cancellation Policy: Fees will be refunded if written request is received prior to February 21, 2020.
Let’s Recognize Our Peers! Your Input Is Requested...

At the 36th 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 14, 2020.

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Lyle Trautman Scholarship

MRWA will be awarding two Lyle Trautman Scholarships at the 36th Annual Water & Wastewater Technical Conference on March 4, 2020, 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 web site at www.mrwa.com. Postmark deadline: February 21, 2020.
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 4, 2020 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 3rd 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 2021.

Yeti Cooler Prize Package!
Sponsored by: RMB Environmental Laboratories, Inc.
The Clean Water Council was created through the Clean Water Legacy Act (Minn. Stat. Ch 114D) which was signed into law June 2, 2006. The Council’s role is to advise the Legislature and Governor on the administration and implementation of the Clean Water Legacy Act.

https://www.pca.state.mn.us/about-mPCA/clean-water-council