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)

<table>
<thead>
<tr>
<th>Time</th>
<th>Water/Wastewater Track</th>
<th>Booth Demonstrations</th>
<th>Groundwater/WHP Protection Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00pm</td>
<td>Testing Parameters</td>
<td>Hydrant Operation &amp; Maintenance</td>
<td>Interest Free Loans from MPCA. What Can I Buy?</td>
</tr>
<tr>
<td>1:30pm</td>
<td>Safety in the Sewage</td>
<td>Sewer Line Inspections</td>
<td>“Our Groundwater Connection” - Using Animation to Make the Invisible Visible</td>
</tr>
<tr>
<td>2:00pm</td>
<td>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>
</tr>
<tr>
<td>2:30pm</td>
<td>PFAS: Understanding Treatment and Options</td>
<td>Challenges in Meter Accuracy</td>
<td>From Clouds to Tap: Source Water Assessment</td>
</tr>
<tr>
<td>3:00pm</td>
<td>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>
</tr>
<tr>
<td>3:30pm</td>
<td>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>
</tr>
</tbody>
</table>

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


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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:45am</td>
<td>Rural Water Breakfast</td>
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<tr>
<td>8:15am</td>
<td>Gary Berg: Simple Truths in the Workplace and Life</td>
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<tr>
<td>8:45am</td>
<td>Leaders in the Industry: NRWA &amp; MRWA We Work For YOU! Awards &amp; Poster Contest</td>
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<tr>
<td>9:45am</td>
<td>Taste Test Contest</td>
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</tbody>
</table>

**Concurrent Sessions Begin**

**Water Operation & Maintenance Session**

- **10:00am** Promoting Distribution System Health from the Source
- **11:00am** Progressive Changes in Interational 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 Nemisis
- **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** Energy Efficiency
- **2:00pm** Driving ROI - Advance Meter Management Tools
- **3:00pm** Optimizing Communications With Your Customer
- **4:00pm** Public Relation Campaign to Sell Rate Increase

**Exam Refresher Sessions**

- **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
Thursday, March 5, 2020

Concurrent Sessions Begin

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Track</th>
<th>Wastewater Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am</td>
<td>MN Water Use &amp; Our Laws</td>
<td>Low Salt Diet: Reducing Chlorides with Lime/Soda Ash Softening</td>
</tr>
<tr>
<td>9:15am</td>
<td>Nitrate Removal in Wells: Verndale: A Case Study</td>
<td>Otsego Aerobic Digestion Expansion &amp; Optimization</td>
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<tr>
<td>10:00am</td>
<td>Break</td>
<td>Break</td>
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<tr>
<td>10:15am</td>
<td>Water Hammer Fundamentals and Protection Equipment</td>
<td>Arc Flash Safety Compliance Rules and Regulations</td>
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<tr>
<td>11:00am</td>
<td>Are You Smarter Than A Water or Wastewater Operations Specialist?</td>
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<tr>
<td>11:45am</td>
<td>Wrap-Up and Drawings</td>
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<tr>
<td>12:45pm</td>
<td>MRWA Annual Meeting</td>
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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:

<table>
<thead>
<tr>
<th>First Name:</th>
<th>Last Name:</th>
</tr>
</thead>
</table>

Address:

<table>
<thead>
<tr>
<th>City:</th>
<th>State:</th>
<th>Zip:</th>
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</thead>
</table>

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 Postmarked prior to On-Site Registration
Includes access to all sessions, Exhibit Halls, and luncheons. February 21, 2020

| $ _______ 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)

Please send your registration form with payment by February 21, 2020 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!

Cancellation Policy: Fees will be refunded if written request is received prior to 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.
Looking for SWP Award Nominees...

MRWA and the Minnesota Department of Health are again looking for nominees for the 2020 MRWA & MDH Source Water Protection Award and have expanded the award to add an ADDITIONAL CATEGORY TO RECOGNIZE WORK WITH SMALLER WATER SYSTEMS! Each year at the MRWA Technical Conference in March, MRWA and MDH jointly present an award to the individual, public water system, or organization that have made a notable contribution in the area of source water protection.

Beginning in 2020 there will be TWO winners selected for their excellent SWP efforts— one for work with systems who serve systems greater than 1000 persons, and one for those who serve systems less 1000 people or less. We would love to hear from you if you are either involved in, or aware of, a project to protect source water resources that deserves recognition!

To submit a nomination, please go to: https://www.health.state.mn.us/communities/environment/water/docs/swp/nominate.pdf and complete the fillable PDF form. All nominations are due by January 15, 2020.

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 website at www.mrwa.com. Postmark deadline: February 21, 2020.