

February 2015



MINNESOTA RURAL WATER ASSOCIATION

The Technical Assistance Times

31st Annual MRWA Water & Wastewater Technical Conference

31st Annual MRWA Water & Wastewater Technical Conference

March 3-5, 2015



See new technology and discover new ideas by attending the conference!

Minnesota's Largest Water and Wastewater Technical Conference!

MRWA's 31st Annual Water and Wastewater Technical Conference will be held March 3-5, 2015 at River's Edge Convention Center in St. Cloud, MN.

MRWA has an **EXHIBIT HALL** full of vendors with opportunities to learn about new products, technologies, and services. We have a **TRAINING AGENDA** packed with the most current topics in water, wastewater, groundwater/source water protection, management, and small systems. Even more, we have exam certification refresher courses, drinking water taste test contest, food, entertainment, and our **SPORTS RAFFLE**. Don't forget that we offer 16 water certification hours or 16 wastewater certification hours (or a combination) will be awarded for full conference attendance.

MRWA will kick off our conference with **KEYNOTE** session on Flood Resiliency - How Long Can Your Utility Tread Water? US EPA Region 5 will discuss their user-friendly Guide full of options to protect your critical assets from flooding.



MRWA will also feature keynote and breakout speaker Stefan Salmonson, PPS from PROtective Services, Inc. Stefan's sessions are fast paced, audience interactive programs that have won rave reviews from thousands of participants.

Entertainment at this year's conference theme party will be provided by River Rats, Dueling Pianos (*shown below*). River Rats dueling pianos bring your favorite rock'n'roll hits to life on grand pianos as you sing and clap along. Its Rock and Pop delivered with great humor! A non-stop, interactive, mad cap, rock'n'roll experience you have to see! **Please join us!**



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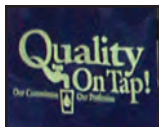
Conference Hotels

Hotels closest to the St. Cloud River's Edge Convention Center
Kelly Inn: 320-253-0606
Le St-Germain Suites: 320-654-1661
Grandstay Suites: 320-251-5400
Country Inn: 320-252-8282



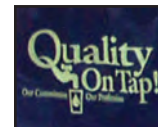
We're on Facebook! Become a fan today!

MRWA 31st Annual Water & Wastewater



TECHNICAL CONFERENCE

March 3-5, 2015 - River's Edge (Civic Center)
St. Cloud, MN - Tentative Agenda



Tuesday, March 3, 2015

- 8:15am Color Guard Ceremony
- 8:30am Opening Session: Quality on Tap! Our Commitment, Our Profession
- 8:45am Introduction of MRWA Diamond & Ruby Corporate Partners
- 9:00am Flood Resiliency - How Long Can Your Utility Tread Water? Jodie Opie & Alicia Brown, Region 5 EPA
- 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	Cross Connection Control Program for Cities	No Dig Technology to Modernize Waterous Fire Hydrants	Documentation of WHP Plan Implementation Efforts - WHP Audit Program
1:30pm	Fixing Broken Gate Valve Boxes Hit by Snow Plows	Safe & Effective Use of Trench Shoring Products	Groundwater 101 - Where Does it Come From?
2:00pm	Legal Rodent Control for Stabilization Ponds	Assess Your Sewer Line in 3 Minutes or Less	Communication Techniques and Resources for Drinking Water Protection
2:30pm	Workplace Safety Consultation	Gate Valve Operation and Exercising Program	City-County Wellhead Protection Implementation
3:00pm	Do's and Don'ts of Trace Wire Systems	Drinking Water for Ethiopia	Well Sealing Techniques
3:30pm	Trends in Wireless Data Communication Systems	Troubleshooting Variable Frequency Drives	Asbestos Removal Regulations You Should Know
4:00pm	Refreshments, Door Prizes, Exhibitor Gift - Last Chance to Tour Exhibit Hall!		
4:15pm	Water Taste Test & Exhibitor Recognition		
5:00pm	Exhibit Hall Closes - Meet & Greet and Sports Raffle Begin in Glenn Carlson Hall		

Wednesday, March 4, 2015

- 8:15am Leaders in the Industry: NRWA & MRWA
We Work For YOU! Awards & Poster Contest Winners
- 8:45am Protecting People, Places, and Passwords
- Stefan Salmonson, PPS, Keynote Speaker

Concurrent Sessions Begin

Water Operation & Maintenance Session

- 10:00am Water Storage Tank Mixing System Alternatives
- 11:00am MDH Roundtable on Regulations - MDH Panel Discussion
- 12:00pm Luncheon & Door Prizes
- 1:00pm Ammonia Reduction - Pilot Plant in Onamia
- 2:00pm Collecting Quality Water Samples
- 3:00pm Smart Well Field
- 4:00pm Biofilm Removal in Water Tanks

Wastewater Mechanical Operation & Maintenance Session

- 10:00am Noncontact UV Disinfection
- 11:00am Regionalization of Wastewater Systems
- 12:00pm Luncheon & Door Prizes
- 1:00pm Screw Press Dewatering - Not Just for Biosolids Anymore
- 2:00pm Producing Class A Biosolids
- 3:00pm Nutrient Reduction Strategies
- 4:00pm Wastewater Disinfection Fundamentals

2015 Sports Raffle Prize:
2015 Polaris Sportsman 4 Wheeler OR 2015 John Deere Lawn Mower - **YOUR CHOICE**



**This
OR
That**



Donated by MRWA!

Wednesday, March 4, 2015 (continued)

Wastewater Collections Operation & Maintenance Session

- 10:00am Sealing the Sanitary Collections System
- 11:00am O&M of Air Relief Valves
- 12:00pm Luncheon & Door Prizes
- 1:00pm Don't Surrender to Wipes

Wastewater Ponds Operation & Maintenance Session

- 2:00pm Ponds 101
- 3:00pm Sludge Reduction and Algae Control
- 4:00pm High pH in Wastewater Ponds

Management Session

- 10:00am Killing Kitchens
- 11:00am "Knock Knock" The Dangers of Vacant/Foreclosed Properties
- 12:00pm Luncheon & Door Prizes
- 1:00pm Emergency and Water Conservation Plans
- 2:00pm Understanding Asset Management
- 3:00pm Energy Realities and Conservation Opportunities
- 4:00pm Rural Water: Repeating the Past or a New Path Forward

Groundwater Session

- 10:00am Storage Tank Regulations and Drinking Water Protection
- 10:45am Spill Response Plans for Public Water Systems
- 11:25am Roadway Vehicle Fluid and Cargo Spill Response
- 12:00pm Luncheon & Door Prizes
- 1:00pm Factors Affecting Public Supply Well Vulnerability to Contamination
- 2:00pm Demand Reduction Measures
- 3:00pm Water Conservation Toolbox

Exam Refresher Sessions - These sessions will run 10:00am - 5:00pm

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

Theme Party

- 6:00pm Social Hour and Dinner
- 7:30pm Entertainment:
River Rats,
Dueling Pianos

Wednesday, March 4, 2015

**Class E & D Small Water Systems Session
(NonTransient NonCommunity and NonMunicipal)**

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

Topics covered include: Water Operations Specialist Certification, Wellhead Protection, Well Operation and Maintenance, Sampling Requirements and Reports, Storage, and Distribution Operation and Maintenance.

Afternoon Session: 1:00pm - 5:00pm

Topics covered include: MDH Updates, Plan Review, Chlorination, Plumbing Requirements and Cross Connections, Emergency Planning, and Asset Management.

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

2015 Sports Raffle

Prize: Ultimate Deer Stand donated by Team Lab!



2015 Keynote Speaker:

**Stefan Salmonson, PPS
PROtective Services, Inc.**



Entertainment:

**RIVER RATS - Dueling Pianos
Wednesday, March 4, 2015 at 7:30pm**

2014 winner



Thursday, March 5, 2015

Thursday, March 5, 2015

**Water and Wastewater Exams
will be given at 8:30am.**

Water Operation and Maintenance Session

- 8:30am Dead End Danger Zone
- 9:15am Energy Conservation (Combined Session with Wastewater Track)
- 10:00am Break
- 10:15am Prevention Plan for Frozen Service Lines (Combined Session with Wastewater Track)
- 11:00am Security Intelligence Sharing (Combined Session with Wastewater Track)
- 11:45am Wrap-Up and Drawings
- 12:45pm MRWA Annual Meeting

Wastewater Operation and Maintenance Session

- 8:30am eDMR: New Updates for Reporting
- 9:15am Energy Conservation (Combined Session with Water Track)
- 10:00am Break
- 10:15am Prevention Plan for Frozen Service Lines (Combined Session with Water Track)
- 11:00am Security Intelligence Sharing (Combined Session with Water Track)
- 11:45am Wrap-Up and Drawings
- 12:45pm MRWA Annual Meeting

New This Year:

3 tracks of mini-sessions offered on Tuesday, March 3rd.

Wastewater Operations Specialists: don't miss the wastewater collections and ponds track on Wednesday, March 4th.

Exam Prep Refresher Session Offered at Technical Conference

The Minnesota Rural Water Association will be sponsoring an Exam Refresher Session on Wednesday, March 4, 2015, 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, 2015, at 8:30am.

- YES, I will be attending the **WATER Exam Refresher A&B**, March 4, 2015, from 10:00am - 5:00pm.
- YES, I will be attending the **WATER Exam Refresher C&D**, March 4, 2015, from 10:00am - 5:00pm.
- YES, I will be attending the **WASTEWATER Exam Refresher Class**, March 4, 2015, 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 \$120.00 for the Exam Refresher Session. The following registration is required. *There is no charge to come and only take the test on Thursday, March 5.*

WEDNESDAY EXAM REFRESHER ONLY: Includes Refresher Class & Luncheon - \$120.00

Please make check payable to Minnesota Rural Water Association or pay online at: 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, fax 218-685-5272, or e-mail: mrwa@mrwa.com. Register online at 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. (Use the water or wastewater resources link.)

MRWA TECHNICAL CONFERENCE PRE-REGISTRATION FORM

This form must be received no later than **February 23, 2015**, for pre-registration rates to apply.

Mail to: Minnesota Rural Water Association, 217 12th Avenue SE, Elbow Lake, MN 56531.

Please complete one form for each registrant. Guests may use the same registration form.

First Name Last Name

System or Company Name

System or Company Address

City State Zip

E-mail Phone

Guest's Name (if registering)

Please check one of the following:

Manager/Operator _____ Council/Board Member _____ Mayor _____

Administrative/Clerk _____ Industry _____ Guest _____ Other _____

Don't Miss This Special!
\$15.00 discount registration for Mayors, Clerks, Board Members, or Councilpersons attending for the first time. Must be accompanied by system operator or manager.

Full Registration

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

Postmarked prior to February 23, 2015

On-site Registration

\$ _____ MRWA Associate Member

\$225.00 (per person)

\$250.00 (per person)

\$ _____ Non-Member

\$275.00 (per person)

\$300.00 (per person)

\$ _____ Guest

\$ 60.00

\$ 65.00

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

**Copy registration form and mail with payment to the MRWA Office.
Register online at: www.mrwa.com (use the fast track training button).**

Payment Method:

MRWA Now Accepts Credit Cards Online! Visit www.mrwa.com and use the "pay online" button.

MRWA accepts VISA, MasterCard, American Express, Discover, and eCheck through our online pay site.



Cancellation Policy: Fees will be refunded if written request is received prior to February 23, 2015.



IT'S ALL ABOUT
Good Taste

Do you have the
best tasting water
in Minnesota?

Prove it!

2014 winner:
Shakopee Public
Utilities!

COLOR ● CLARITY ● ODOR ● TASTE ● COLOR ● CLARITY ● ODOR ● TASTE ● COLOR

MRWA Water Taste Test Contest

Tuesday, March 3, 2015 at 4:15 pm
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 Tuesday morning until 11:00am on 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 2016.

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

At the 31st 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.).

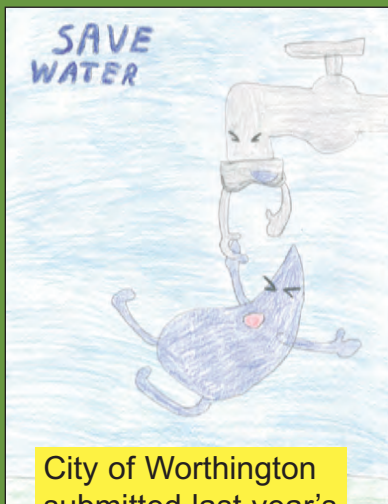
NOMINEE: _____

Send nominations to us by e-mail at: mrwa@mrwa.com by **February 13, 2015**.

Lyle Trautman Scholarship

MRWA will be awarding two Lyle Trautman Scholarships at the 31st Annual Water & Wastewater Technical Conference on March 4, 2015, 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 23, 2015.**

Water Week Poster Contest Reminder



City of Worthington submitted last year's winning poster.

Minnesota Rural Water Association is committed to helping you educate community youth about the importance and value of our drinking water resources! MRWA mailed a packet of drinking water education materials to members last September.

Don't Forget: the deadline for the poster contest is February 2nd. City staff should remind 4th grade teachers NOW of the deadline and make arrangements to select one local poster contest winner. Materials can be downloaded from MRWA's Web site at: www.mrwa.com.

If you have questions, please call our office at: 800-367-6792.





Minnesota Rural Water Association
217 12th Avenue SE
Elbow Lake, MN 56531

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IAPMO Backflow Prevention Institute and the Minnesota Rural Water Association
announce 2015 training opportunities. _____



IAPMO Backflow Prevention Institute (BPI) provides education and training services to increase both private and professional awareness of potential hazards to the public drinking water supply relating to backflow and cross-connections. Backflow prevention programs are in place to protect the public health from contamination of the public's potable water supply.

Our training and certification classes are based on the requirements of the ASSE/ANSI Standard Series 5000 Cross-Connection Control Professional Qualifications Standard.

Attn: Current licensed Rebuilders and Testers: Renewal applications submitted after January 1, 2015 shall include documentation of the applicant's current ASSE Standard 5110 Backflow Prevention Tester and/or ASSE Standard 5130 Backflow Prevention Assembly Repairer certifications as a condition of renewal.

Backflow Testing Certification Class 5 day 40 hrs \$900 (prerequisite: minimum 5-years of industry related experience) - **February 9-13, 2015 in Little Falls, MN** -OR- **MN Tester to ASSE Tester Certification Update Class 3 day 24 hrs \$600** - **February 9-11, 2015 in Little Falls, MN** Qualify under new Minnesota training requirements (ASSE accredited). These courses train plumbers, sprinkler fitters, utility personnel, maintenance personnel and industrial and private water purveyors in procedures for testing and troubleshooting of back flow prevention assemblies. You will learn about the need for water supply protection, the potential hazards of cross-connection and the methods, devices and assemblies available to protect the water supply. State and local rules and regulations will be discussed. In hands-on workshop sessions, you will learn to test and troubleshoot backflow prevention assemblies. Backflow test gauges will be available for your use. • Introduction to Cross-Connection Control and Backflow prevention • Backflow Prevention methods • Review of RPZ, DCVA, SVB and PVB assemblies • Backflow Prevention devices • Testing • Troubleshooting

MN Rebuilder Certification to ASSE Tester and Repairer Certification Update Class 4 day 32 hrs \$750 - **February 9-12, 2015 in Little Falls, MN** This course provides the necessary training and testing for individuals who currently possess a Minnesota Rebuilder Certification seeking certification as an ASSE 5110 Tester and ASSE 5130 Repairer Certification. The four day course provides (32) hours of both classroom and hands on training culminating in two fifty (50) question written examinations and both a repairer and tester practical examination. This class combines the requirements of both the tester upgrade and repair certification hours required by the state of Minnesota. The tester portion of the class will include hydraulics related to cross-connection control, state regulations and the proper test procedures for the evaluation of reduced pressure principle, double check valve, pressure vacuum breaker, and spill-resistant vacuum breaker assemblies. The repair training will include the servicing, rebuilding, and retesting of various types and sizes of backflow prevention assemblies. During the training portion of the course, participants can expect to discuss the basics of backflow prevention assembly repair and troubleshooting, as well as safety, reporting, product performance, product test equipment, and proper terminology. **Classes are approved for CEU Credit by the Minnesota Dept. of Labor and Industry.**

Register, payment, & cancellation policy online at: www.mrwa.com/wfcc.html. Questions? 800-367-6792 or mrwa@mrwa.com.