

49th Annual Joint Conference

Hotel Viking-Newport, RI

May 24-27, 2022

Conference Agenda

Wednesday, May 25, 2022

Salon DE

- 11:00 a.m. **Registration**
- 11:30 a.m. **Luncheon** – Sponsored by the Associates Committee
- 12:15 p.m. **Luncheon Speaker-** Trudy Coxe
Chief Executive Office & Executive Director, The Preservation Society of Newport County
- 1:30 p.m. **Welcoming Remarks**
Scott Bonett-Chair, CTAWWA
Dan Lawrence, President, CWWA
- 1:45 p.m. **National Update**
Colin Chung-International Council Chair, AWWA
- 2:00 p.m. **CWWA Legislative Update**

Technical Program

Salon ABC

3:00-5:00 p.m.

Providence Water's Lead Experience

Gregg Giasson-Providence Water

Big Picture Lessons from Completed and Ongoing LCRR Programs

Brian Farrelly, P.E., CDM Smith

This presentation will focus on three big picture items that managers, superintendents, and other utility officials should be considering for successful LCRR compliance programs. The first is the implementation and use of digital tools for the LCRR that can integrate and simplify the many tasks related to LCRR compliance. The second is the engagement of local officials to update bylaws, ordinances, or local codes to streamline LCRR activities, particularly as they relate to customer properties. The last big picture item will be team building, understanding your needs across the various phases of compliance and where and *how to meet those needs using internal and external resources*. *Examples from Newark and Trenton (23,000 and 8,000 LSLR's completed, respectively) will be cited along with examples from ongoing LCRR compliance projects in the Northeast.*

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Asset Management: Utilizing Excel and GIS to Prioritize your Capital Improvements

Patricia Kelliher, Hazen and Sawyer

Rose M. Gavrilovic, P.E., Connecticut Water Company

You don't need extensive software to create an effective planning tool that can be continuously improved in house. Learn how Connecticut Water Company (CWC) used data already present in their GIS system to develop a risk-based tool that can be easily manipulated and updated by staff. The tool allows both spreadsheet outputs and visualization of risk factors through integration with GIS mapping to aide in decision making for capital improvements.

From Concept to Production: The Mill Road Wellfield PFAS Experience

James Collins, P.E., Tighe & Bond

Daniel Lawrence, P.E., Aquarion Water Company

Carl McMorran, Aquarion Water Company

In 2016, Aquarion began to develop a comprehensive PFAS management strategy for it's Hampton, NH system. The strategy considered both non-treatment and treatment alternatives to reduce PFAS concentrations while also being cognizant of the potential rate impacts to Aquarion's customers. Investments in blending and selective well operation were able to initially manage concentrations to allow for testing to identify the optimal treatment technology. As concentrations increased, the design of a GAC WTP was initiated in 2020 and the WTP began production in December 2021. This paper will review the PFAS management approach, WTP design, and operational lessons learned.

6:30 p.m. **Dinner Reception-Top of Newport**

Thursday, May 26, 2022

8:00 a.m. **Breakfast- Salon DE**

AWWA Section Forum

Colin Chung-AWWA

John Herlihy-National Director, CTAWWA

Technical Program

Salon ABC

9:15 a.m.-12 p.m.

Embracing Our Role as a Force for Good in the Communities We Serve -- And Why We Should Talk About It!

Michelle Williams, Connecticut Water Company

Each day, water professionals provide a life-sustaining resource to our communities. Over the last two years, the awareness of our critical role has increased. But there's still so much customers don't know about the impact that their water utility has on their community. From watershed protection that preserves open space to protect water quality and local habitats, to equity-based rate structures and charitable giving, to maintaining a highly-trained workforce that safely operates each day, water utilities across the state are champions of Environmental, Social and Governance issues within their workplaces and service areas. It's time to start sharing our stories.

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Setting and Justifying Staffing Levels in Water Organizations

James Courchaine, Regional Water Authority

Today, the water and wastewater industry require a systematic approach in determining staffing levels for all work/business practices in water and wastewater utilities. In the past, this was accomplished by using an EPA guide or an industry “rule of thumb.” Times have changed. As a result, management philosophies have changed. There must be a team effort in determining the level of service a utility wants to, needs to, or must provide. This presentation will discuss how to identify and implement levels of service, efficient and effective work/business practices, preventive and predictive maintenance programs and performance measures.

Building a Business Case for Intelligent Water: Applications of AI and Digital Twins

Lauren DaCunha, P.E., Arcadis

This presentation will summarize a year-long collaborative research effort to identify financial business cases and six non-financial business cases for applying intelligent water. Further, attendees of this presentation will be able to describe the ABC’s of intelligence at water utilities: Artificial, Business, and Collective Intelligence. Attendees will also be able to identify requirements to be data-ready for AI, and understand what types of AI exist so that end users have confidence in the results from AI techniques.

Break

NO-DES Flushing at RWA

Amrik Matharu, EIT, Regional Water Authority

Dan Peschell, Regional Water Authority

The Regional Water Authority decided to pilot the Neutral Output Discharge Elimination System (NO-DES) created by NO-DES, Inc. in Bosque Farms New Mexico in 2002. The NO-DES system is a technological step forward compared to unidirectional flushing. It incorporates filter vessels, pumps, and motors along with associated monitoring equipment mounted to a trailer, or truck bed, to successfully scour mains at the appropriate velocities. This flushing truck was put into practice during the winter and summer months in some of our most impacted areas of the distribution system. It successfully removed cleaned mains in New Haven, East Haven, West Haven.

RWA's Hydraulic Model Evolution - Past, Present and Future

Hetal Shah, Regional Water Authority

Heather Doolittle, P.E., Tighe & Bond

The RWA has maintained a water distribution system hydraulic model since the mid-1990’s. Over the past 25 years the model has evolved to support modern advancements in computing, data collection, data management, and GIS. The most recent 2021 model update focused on incorporating newly available water use data from the installation of system-wide AMI and realigning the model network with current GIS. This session discusses the 2020 decision to update the model, the update process, examples of use in its first year of service and planned future uses of the model.

1:30-3:30 p.m.-**Networking Cruise & Lunch-Pre-Registration Required**

6:00 p.m. **Cocktail Reception—Bellevue Ballroom Patio**

7:00 p.m. **Award Banquet Dinner– Bellevue Ballroom**

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Friday, May 27, 2022

7:30-9:00 a.m. **Breakfast –Salon DE**

8:00-9:00 am-Joint CWWA/CTAWWA Breakfast Board Meeting-American's Cup

Technical Program

Salon ABC

9:15 a.m.-12 p.m.

Trending in An Instant-Risk Communications

Melissa Elliott, Raftelis, AWWA Past President

In today's digital media environment, water utilities must compete with many voices seeking to influence how customers feel about their water quality and service. Advocacy groups, product marketers, celebrities and others can leverage social media and a decentralized media culture to suddenly and unexpectedly place utilities in a negative light. To help water sector professionals prepare for and manage these situations, the American Water Works Association (AWWA) developed *Trending in an Instant: A Risk Communication Guide for Water Utilities*. The comprehensive guide draws on best practices and recommendations from water utilities and includes tools and action steps for strategically responding to high-profile communication issues.

This session takes participants through a discussion about risk communication strategies designed to help utilities manage and, hopefully, capitalize on unexpected communication challenges to build trust and develop relationships with consumers. The session focuses on research into the psychology and consumer behavior for responding to media-driven community anxiety. It also includes talking points for several current issues in the water sector, including drinking water quality, infrastructure funding, affordability, PFAS, and lead in drinking water.

11:15a.m. **WFP Smarts Game-Who Will Bring the Trophy Home? CWWA or CTAWWA**

11:45 a.m. **Closing Remarks**

Ingrid Jacobs, Incoming CTAWWA Chair

Raymond Baral, Incoming CWWA President

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Hotel Viking

Newport, RI

Hotel Pricing Package

\$337.19 Single Occupancy Per Night

\$446.84 Double Occupancy Per Night

Package Includes

Overnight Accommodations

Wednesday Lunch & Dinner Reception

Thursday Breakfast & Banquet Dinner

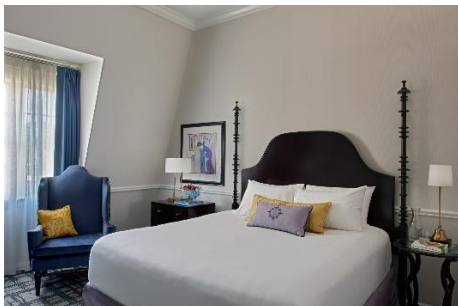
Friday Breakfast

Resort Fee

Room reservations can be made with the hotel directly by calling
800-556-7126 & requesting the “CTAWWA2022” rate.

Or following the hotel reservation link on the ctawwa.org site.

Please make your reservations by May 3, 2022.



CTAWWA & CWWA 49th Annual Joint Conference

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Conference Registration Forms

Includes Technical Sessions

Name: _____ Spouse/Guest: _____

Company _____

Address: _____

City: _____ State: _____ Zip: _____

E-Mail: _____ Phone: _____

Note: Hotel Registration includes overnight accommodations, dinner, breakfast, taxes & gratuities.
Hotel registrations must be made directly with the hotel. Full conference registration includes Wednesday Lunch.

CONFERENCE FEES (Per Person)

Circle Choices

Registration Member (Before May 6, 2022) \$400.00

Thursday Awards Dinner Meal Choice: (circle one) Surf & Turf Vegetarian

Late Fee after May 6, 2022..... \$450.00

Registration Spouse/Guest \$100.00

Thursday Awards Dinner Meal Choice: (circle one) Surf & Turf Vegetarian

Young Professional Registration Member \$300.00

Thursday Awards Dinner Meal Choice: (circle one) Surf & Turf Vegetarian

Late Fee after May 6, 2022..... \$350.00

Speaker Conference Fee..... \$300.00

Thursday Awards Dinner Meal Choice: (circle one) Surf & Turf Vegetarian

Networking Cruise with Lunch-Thursday 1:30pm

Member..... \$50.00

Spouse/Guest..... \$50.00

Philanthropic Committee/Scholarships Raffle Item Donation.....

Total of all circled items.....\$ _____

CREDIT CARD						
Type of Payment	<input type="checkbox"/> Check (Payable to CTAWWA)	<input type="checkbox"/> P.O.# _____	<input type="checkbox"/> MasterCard/Visa	<input type="checkbox"/> AMEX	<input type="checkbox"/> Discover	Amount (from TOTAL FEE above)
						\$ _____
Credit Card #	Exp. Date	CCV #	Signature			

- Check here if you have a disability & require accommodation to fully participate.

On Line Registration Available at ctawwa.org

Or email form to longoctawwa@gmail.com, fax 860-953-3051

Checks payable to CTAWWA & mail to CTAWWA, P.O. Box 330472, West Hartford, CT 06133

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SPONSORSHIP OPPORTUNITIES

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

E-Mail: _____ Phone: _____

We wish to be a sponsor for the following Annual Conference events: Circle Choices

Social Hours: Wednesday & Thursday Evenings \$550.00

Break Station: \$350.00

Audio & Visual: \$350.00

Networking Cruise & Lunch: \$350.00

Conference Program Booklet: Full Page Back Cover Ad..... \$600.00

Philanthropic Committee/Associates Committee Raffle Item Donation..... _____

Total of all circled items.....\$ _____

CREDIT CARD				
Type of Payment <input type="checkbox"/> Check (Payable to CTAWWA) <input type="checkbox"/> P.O.# _____ <input type="checkbox"/> MasterCard/Visa <input type="checkbox"/> AMEX <input type="checkbox"/> Discover				Amount (from TOTAL FEE above) \$ _____
Credit Card #	Exp. Date	CCV #	Signature	

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For more information, please contact Romana Longo at longoctawwa@gmail.com or 860-604-8996

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Registration For Individual Sessions or Events

Name: _____ Spouse/Guest: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

E-Mail: _____ Phone: _____

Note: Please use this form to register for the Technical Sessions or Individual events ONLY. You will only be admitted to the indicated registered sessions or events, not the full conference or any other activities. If you wish to register for the entire conference, please use the Full Conference Registration Form.

TECHNICAL SESSIONS (Per Person)

Circle Choices

Wednesday Afternoon Technical Session..... \$150.00

Thursday Morning Technical Session \$150.00

Friday Morning Technical Session \$150.00

WEDNESDAY EVENTS:

Wednesday Afternoon Luncheon..... \$45.00

Wednesday Evening Reception..... \$125.00

THURSDAY

Networking Cruise with Lunch..... \$50.00

Thursday Award Banquet..... \$125.00

Thursday Awards Dinner Meal Choice: (circle one) *Surf & Turf* *Vegetarian*

Philanthropic Committee/Scholarships Raffle Item Donation.....

Total of all circled items.....\$

CREDIT CARD				
Type of Payment				Amount (from TOTAL FEE above)
<input type="checkbox"/> Check (Payable to CTAWWA)	<input type="checkbox"/> P.O.#	<input type="checkbox"/> MasterCard/Visa	<input type="checkbox"/> AMEX	<input type="checkbox"/> Discover
Credit Card #	Exp. Date	CCV #	Signature	

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