



# NEWWA/RIWWA Joint Virtual Membership Meeting July 14, 2021

Live streaming will be conducted by Zoom.

## HIGHLIGHTS OF THE MEETING

Earn 2 TCHs (pending approval of state agencies). You must attend the entire meeting to earn TCHs.

“Risk Assessment and Emergency Response Planning – Next Steps Post EPA Submittals”

“Formulating a Corrosion Mitigation Plan for a Specific Project”

“Water Utilities and Cyber Incidents”

“Evaluating Water Rates is More Important Than Ever”

“Total Trihalomethane Reduction by Converting to Chloramines at 3 WTPs in Hanover, MA”

Updates from NEWWA President, Lisa Gove and RIWWA President, Chris Champi

**SEE FULL AGENDA AND ABSTRACTS ON THE REVERSE SIDE.**



## IMPORTANT REGISTRATION INFORMATION

**PLEASE NOTE:** NEWWA's online registration system will be undergoing an upgrade this summer. *Online* registration will be shut down beginning June 25 through mid-July. We apologize for the inconvenience and appreciate your patience as we work to better improve the online registration experience. To register for this meeting after June 25, follow the instructions below, which provides three alternative means of registering.

### NEWWA/RIWWA JULY VIRTUAL MEETING REGISTRATION FORM - 3 WAYS TO REGISTER! You will receive video conferencing login credentials a day or two before the start of the meeting.

|   |  |  |
|---|--|--|
| Complete this form, scan, and return by email to Katelyn at ktodesco@newwa.org. | Complete this form and return by fax to 508.893.9898 | Complete this form and mail to NEWWA, 125 Hopping Brook Road, Holliston, MA 01746, Attn: Katelyn Todesco |
|---|--|--|

| CONTACT INFORMATION (Please print clearly.) |     |       |           |
|---|-----|-------|-----------|
| Name  |     | Title | Nickname  |
| Company                                     |     |       |           |
| Address                                     |     | City  | State Zip |
| Phone                                       | Fax | Email | Member #  |

| EARLY REGISTRATION FEE BEFORE 7/12/21        | LATE REGISTRATION FEE 7/12/21 OR AFTER      |
|--|---|
| NEWWA/RIWWA Member Fee Before 7/12/21 @ \$75 | NEWWA/RIWWA Member Fee After 7/12/21 @ \$85 |
| Non-Member Fee Before 7/12/21 @ \$85         | Non-Member Fee After 7/12/21 @ \$95         |

| PAYMENT INFORMATION  |           |           |               |
|--|-----------|-----------|---------------|
| <input type="checkbox"/> Personal Check (Payable NEWWA) <input type="checkbox"/> Company Check <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa <input type="checkbox"/> AMEX <input type="checkbox"/> Discover |           |           | TOTAL PAYMENT |
| Credit Card #  | Exp. Date | Signature |               |

**ADA:** If you have a disability and need accommodations to participate in one of NEWWA's events, please contact NEWWA at 508.893.7979 before the start of the event so proper arrangements can be made.

**QUESTIONS?** Contact Katelyn Todesco, Events & Marketing Manager, at ktodesco@newwa.org.

# NEWWA and RIWWA Joint Membership Meeting Agenda

July 14, 2021  
8:30 am — 12:15 pm  
Live Streamed on Zoom

Earn 2 TCHs for attending this meeting. You must attend the entire meeting to earn TCHs.

**8:30 AM Login to Zoom**

**8:40 AM Introduction by Moderator**

*ROBERT S. LITTLE, P.E., Drinking Water Practice Leader, Woodard & Curran, Andover, MA*

**8:45 AM “Risk Assessment and Emergency Response Planning – Next Steps Post EPA Submittals”**

*DAN O’NEILL, President, Advanced Data Risk Management (ADRM), Woburn, MA*

The EPA has required water systems serving over 3,300 people to certify that they have completed a risk assessment and updated their emergency response plans. Come learn how water utilities can now implement those recommendations. Understand how improvements can be identified, approved, scheduled, implemented and measured. There are some low cost, easy to implement, high impact recommendations that can lower your Utility Resilience Index (URI). Improving the URI is measurable and should have the attention of executive decision makers – it makes them look good!

**9:15 AM “Formulating a Corrosion Mitigation Plan for a Specific Project”**

*ROY MUNDY, P.E., ENV SP, Assoc. DBIA, Sr. Regional Engineer, McWane Ductile, Lexington, KY*

Corrosion protection of a pipeline facility is a very important component of the design phase of a project. Although most soils in the U.S. do not present a corrosive environment, other factors such as stray currents make this pre-design analysis and ultimate design component essential. This presentation will outline why, when, and how an effective Corrosion Mitigation Plan can be proposed for a particular project.

**9:45 AM “Water Utilities and Cyber Incidents”**

*MICHAEL KNOX, Client Service Specialist, Tata & Howard, Marlborough, MA*

Cyber incidents can compromise the ability of water utilities to provide clean and safe water to customers, erode customer confidence, and result in financial and legal liabilities. This presentation will outline actions drinking water utilities can take to lessen and or prevent a cyber incident by preparing for, responding to, and recovering from a cyber incident.

**10:15 AM Bio Break**

**10:30 AM “Evaluating Water Rates is More Important Than Ever”**

*MICHAEL SCHRADER, P.E., Principal Engineer, Tighe & Bond, Westwood, MA*

Many water systems are facing the need to treat water sources either due to creeping iron and manganese levels or PFAS. This requires a significant capital investment with a relatively short implementation timeline. When a water system needs to significantly increase its rate revenue, any inequities in rate structure will become readily apparent. This session will discuss various rate structures, customer equity, stakeholder engagement, public outreach, evaluating the impact on outliers, avoiding rate shock and affordability.

**11:00 AM “Total Trihalomethane Reduction by Converting to Chloramines at 3 WTPs in Hanover, MA”**

*BEN ROLLINS, P.E., Senior Project Engineer, Weston & Sampson, Reading, MA, and PAUL CHENEY, Assistant Superintendent of Water Treatment, Town of Hanover, Hanover, MA*

Hanover maintains three groundwater treatment plants that feed approximately 110 miles of main. Historically, Hanover experienced high concentrations of total trihalomethanes (TTHMs) in the distribution system and entered into an Administrative Consent Order with MassDEP to reduce TTHMs. Among other improvements, Hanover switched its secondary disinfectant from free chlorine to chloramines at all WTPs in May 2020. This presentation discusses water quality pre & post conversion and how the town is maintaining compliance under the Stage 2 Disinfection Byproduct Rule.

**11:30 AM Questions and Answers — All Presenters**

**11:45 AM Update by NEWWA President, LISA H. GOVE and RIWWA President, CHRIS CHAMPI**

**12:15 PM Monthly Meeting Adjourns**