



# 2024 NH DRINKING WATER EXPOSITION & TRADE SHOW SCHEDULE OF EVENTS

Thursday, October 24, 2024  
8:00 AM — 4:00 PM

Grappone Conference Center  
70 Constitution Avenue  
Concord, NH



## PLAN YOUR DAY

**PLEASE ARRIVE EARLY - Registration starts at 7:15.**  
Seminar room doors will close at the start of the seminar.

**SEMINARS** - 2 different seminars are offered at 8:00 AM, 9:00 AM, 10:30 AM, 1:00 PM and 2:00 PM.

**TRAINING CONTACT HOURS** - Each seminar equals 1 Training Contact Hour (TCH). A maximum of 5 TCHs can be earned during the Expo.

**RAFFLE** - Each attendee will receive one free raffle ticket. Look for the prize booth in the exhibit hall next to the NHDES booth. Winners will be announced during the reception at 3:15 PM. You must be present to win.

**BREAKFAST REFRESHMENTS** - A continental breakfast will be set up in the main exhibit hall from 7:30 to 10:30 AM. Coffee will be available until 2:00 PM.

**REGISTER** - Visit our website at [www.nhwwa.org/events](http://www.nhwwa.org/events) to register. A printable form is available to download from the site.

## 8:00 AM SEMINARS

**TIPS AND TRICKS FOR OPERATION OF PFAS TREATMENT FACILITIES IN MERRIMACK AND DOVER –**  
**Pierce/Webster Room**

**PRESENTERS:** Meghan Abbey and Patrick Wiley, Underwood Engineers

The Town of Merrimack NH is currently operating three PFAS treatment facilities. The City of Dover NH recently completed construction and startup of an advanced groundwater treatment facility for PFAS, 1,4 Dioxane, Fe and Mn. This presentation will share our startup and operating experience with multiple treatment systems, including media preparation and process control. The development and implementation of standard operating procedures to help operators will also be presented.

**EVERYTHING YOU COULD POSSIBLE NEED TO KNOW ABOUT SAMPLING - Salon C**

**PRESENTERS:** Cheryl Wood, City of Manchester, and Sophie Ricard, City of Concord

We are going to take a deep dive into sampling and how the City's of Manchester and Concord manage their larger systems. We are going to cover questions like: Why does the State make us take samples in the distribution system? How do you know what samples you need to take? Who decides where to take samples? What makes a good sampling location? How do you know you are using proper technique to take a sample? What kinds of containers are acceptable to sample in? How often do you take samples and does it matter when you take them? What kind of training is necessary to ensure a good sample is taken? Who is responsible for taking the samples?

## 9:00 AM SEMINARS

**WORK FOR WATER NEW ENGLAND - NEWWA & NEWEA INITIATIVE AND ROCHESTER NH CASE STUDY- Pierce/Webster Room**

**PRESENTERS:** Kirsten King and Mary Barry, NEWWA, and Ian Rohrbacher, City of Rochester

In water utilities throughout the United States, skilled trades workers in key positions are retiring, and utilities are finding it difficult to replace them. The pipeline of qualified candidates entering these jobs has decreased significantly. Due to a national emphasis on the importance of college degrees and reduced awareness of the benefits and importance of skilled trades work, interest in this field has declined. Research on New England trends indicate that unless investments are made to address workforce issues, the reliability of the drinking water and clean water services provided to New England businesses and households is at risk. Learn all about the "Work for Water" NE initiative from NEWWA and NEWEA and see what the City of Rochester is already doing to begin trending in the right direction!

**OPTIMIZE YOUR DATA—PART 2, EXCEL TEMPLATES AND HOW-TO'S - Salon C**

**PRESENTERS:** Abby Fopiano, Edgewater Strategies, and Sophie Ricard, City of Concord

Last year we spoke about Optimizing Your Data. This year we show and give you Tools to do it. We will provide excel templates for collecting, tabulating and graphing your data, as well as run statistics. Learn how to show your water quality, water use, LSLI, asset inventories and other data in useable ways. We will explain and provide links to downloadable templates and videos to get you on the path of data optimization.

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## **BREAK 10:00—10:30 AM**

### **Be sure to visit our exhibitors!**

Continental Breakfast in the Exhibit Hall.

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## **10:30 AM SEMINARS**

### **WATER TANK INSPECTIONS, MAINTENANCE, CLEANING AND REPAIR - Pierce/Webster Room**

**PRESENTER:** Brian Gately, Mass Tank Inspection Services

Attendees will learn about the tank fabrication process, how a water tank is manufactured from start to finish. We will also cover inspection/service/repair work on tanks. We will dig into common water tank problems and learn how to properly inspect, clean, and repair the tanks and the associated systems. The attendees can expect to gain a basic understanding of various water tanks, a standard inspection/cleaning process, and get to ask questions about the topic to a water tank expert.

### **LCRR/I REGULATORY UPDATES AND ONGOING TECHNICAL & FINANCIAL ASSISTANCE. CONCORD NH'S JOURNEY AND WHAT'S NEXT- Salon C**

**PRESENTERS:** Heather Baron and Stephanie Nistico, NHDES, and Marco Philippon, City of Concord.

EPA's Lead and Copper Rule Improvements (LCRI) was recently finalized! Learn about impacts to the existing Lead and Copper Rule Revision (LCRR), and next steps following your recent service line inventory submittal to NHDES. Plus, hear about ongoing technical and financial assistance to public water systems to eliminate unknowns and fund inventory and replacement projects.

Learn of Concord's journey in establishing the EPA required LCRR Inventory deliverable. Now we are in the next phase of the process, educational mailings to customers. See how Concord will be notifying customers with GRR and Lead services, and most importantly establishing trust in their water system.

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## **LUNCH 11:30 AM—1:00 PM**

Please join us for a complimentary lunch!  
A buffet lunch will be set up in the main hall and in the back of the Pierce/Webster Room.

NHWWA Young Professionals will meet in the Merrimack Room.

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## **1:00 PM SEMINARS**

### **UNDER FLOW AND PRESSURE, A PIPELINE CONDITION ASSESSMENT FROM START TO FINISH- Pierce/Webster Room**

**PRESENTER:** Jeff Zdrojewski, P.E., Pure Technologies, a Xylem Brand

Are you considering the use of inline tools to evaluate your pressurized water and wastewater mains for leaks, air pockets and to complete pipeline condition assessment? Come see how a real-life project can be completed from the planning stage to the project execution phase of an actual inspection that was completed for East Providence, RI. The project was completed on several different diameters of steel and prestressed concrete cylinder pipe. This presentation will

discuss the highlights and the lowlights experienced during the planning, scheduling, execution and reporting of the project.

### **TRANSITIONING TO TREATMENT; WHAT A RESIDUAL MEANS TO CONSUMERS IN RYE WATER DISTRICT - Salon C**

**PRESENTERS:** Arik Jones, Rye Water District, and Chris Berg, P.E., Wright-Pierce

Prior to 2022, Rye Water District was one of only a handful of water systems in NH that were unchlorinated. A boil order event in October 2022 required RWD to begin disinfecting its source water and maintain a disinfectant residual. This presentation will review that event and discuss the RWD's response to lift the boil order and RWD's plan to build a Central Water Treatment Facility to treat for iron, manganese and PFAS in its groundwater sources to maintain compliance with state and federal regulations.

## **2:00 PM SEMINARS**

### **MONITORING CYANOBACTERIA IN A PUBLIC DRINKING WATER SOURCE - Pierce/Webster Room**

**PRESENTER:** Kristin Conte, Manchester Water Works

As the climate warms and water temperatures are continually rising, Drinking water suppliers across the region have seen an increase in cyanobacteria activity in their source waters. This presentation will outline how Manchester Water Works has dealt with the threat of cyanobacteria including monitoring strategy, necessary sampling and testing equipment, bloom response protocol and treatment optimization, in an effort to provide the best treatment possible under all water quality conditions.

### **NEFARIOUS CYBER AND PHYSICAL SECURITY THREATS TO DRINKING WATER FACILITIES AND HOW TO MITIGATE THEM - Salon C**

**PRESENTERS:** Rick Rossi and Joe Villers, US Department of Homeland Security, and Jason Lozzi, Pennichuck Water

The Water and Wastewater Systems Sector is vulnerable to a variety of attacks, including contamination with deadly agents; physical attacks, such as the release of toxic gaseous chemicals; and cyberattacks. The result of any variety of attack could be large numbers of illnesses or casualties and/or a denial of service that would also impact public health and economic vitality. The Cybersecurity and Infrastructure Security Agency (CISA) works with partners to defend against today's threats and collaborate to build a more secure and resilient infrastructure. Pennichuck will share insights on implementing network security infrastructure, focusing on strategies such as next-generation firewalls, VPN encryption, and centralized firewall management. The presentation will also cover the role of our Security Information and Event Management (SIEM) system in enhancing cybersecurity posture through comprehensive monitoring and analysis of security events.

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## **RECEPTION 3:00 PM**

Please join us in the Exhibit Hall for complimentary appetizers and a cash bar.  
Raffle winners will be announced.

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