

1:00 PM SEMINARS

Practical Implementation of Geophysical Techniques in Assessing and Designing Water Infrastructure

Seminar Room | Concord
Greg Smith, PG, Wright-Pierce

Using the right geophysical survey technique to obtain information for subsurface conditions can result in a significant reduction in project costs. This presentation will focus on the benefits and limitations of geophysical survey techniques as well as discuss proven case studies for water systems who have reaped cost-saving benefits from this approach.

Keep Your Water Losses under Control: Water Audits and Leak Management

Seminar Room | Pierce
Kelsey Vaughn, DWGB, NHDES, Water Conservation Program

In this presentation, the fundamentals of water loss control, as described in the American Water Works Association's M36 manual, will be discussed, including active leakage management. One of the best tools for starting to analyze water loss data is the AWWA's Free Water Audit Software. An overview of the recently released Version 6 of that software will be presented, along with tips and resources.

The Current Story of Drought in NH and How Groundwater Supplies Have Fared

Seminar Room | Webster
Abby Thompson Fopiano, PG, Edgewater Strategies and Stacey Herbold, NHDES

The climate is changing and despite an increase in wetness and extreme precipitation events in the Northeast, drought conditions continue to be a common occurrence. Just over the past six years, New Hampshire has experienced significant droughts spanning 2016/2017 and 2020/2021. Presenters will dive into past and current drought conditions and impacts in the state, with a focus on how groundwater supplies have been impacted.

RECEPTION 3:00 PM

Please join us in the main entry hall by the registration table for complimentary appetizers and a cash bar.

2:00 PM SEMINARS

Women in the Workforce

Seminar Room | Concord
This will be a panel discussion featuring Sarah Lescault, Manchester Water Works; Sophie Ricard, City of Concord; Kirsten King, New England Water Works Association; Patricia Kelliher, Hazen and Sawyer; and Courtney Mitchell, Alton Water Works.

Workforce development is critical for the water sector, and women provide an opportunity to address this need with diverse skills and talents. Speakers represent engineers, operators, laboratory and finance experts, and non-profit leadership. Each speaker will summarize what attracted them to the sector, how they got started, and their work experience. A brief panel presentation will provide opportunity for audience questions and discussion.

Your Meter, Your Cash Register

Seminar Room | Pierce
Peter Elwell, Ti-SALES

Setting up the water meter's dials and multiplier in your utility billing software to properly read each water meter is the most critical step in the meter reading process. Before you start digging up your street looking for leaks, let's make sure you are electronically reading the proper usage on the water meter end points. This seminar will look at the Meter reading circle of life - from your Utility billing software to your meter reading equipment back to your utility billing software - making sure your customers are being billed the correct amount for their water usage.

Stories from the Field: Adapting to and Preparing for Extreme Weather Events

Seminar Room | Webster
Mike Unger, PE, NHDES and Public Water System Representatives [TBA]

Extreme weather events are becoming more frequent and more intense in New Hampshire. The NHDES Drinking Water and Groundwater Bureau Climate Change Team will present the climate-related impacts public water systems are currently experiencing, scientific projections of what we can expect in the future, and options to manage these impacts. Representatives from NH public water systems will share their stories of changes they have made in response to extreme weather events to be better prepared for the future.

NH Water Works Association

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NHWWA
NH WATER WORKS ASSOCIATION

2021 NH Drinking Water Exposition & Trade Show

SCHEDULE OF EVENTS

Wednesday, October 20, 2021
8:00 AM — 4:00 PM

Grappone Conference Center
70 Constitution Avenue
Concord, NH



PLAN YOUR DAY

PLEASE ARRIVE EARLY - The rooms fill up quickly and the doors will close at the start time.

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).

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

TRIVIA CONTEST - See the NHWWA Young Professionals booth in the Exhibit Hall to enter the Trivia Contest.

COVID PROTOCOLS—We will follow the safety practices set or advised by the Grappone Center, the State of New Hampshire and the CDC at the time of the Expo.

8:00 AM SEMINARS

Foxborough's Gillette Stadium Tank Asset Management

Seminar Room | Pierce

Scott Kelley, SUEZ Advanced Solutions

A brief case story will be presented on the tank inventory at Patriots Place. In-depth review utilizing EPA 5 core questions for AM on conditions, priorities, procurement and on-going maintenance.

Cyber, System, and Operation Security for Water & Wastewater Systems

Seminar Room | Merrimack

Chris Barrett, Barrett Electric and Tim Donaldson, Trihedral Engineering

This session will provide an overview of security for water and wastewater systems with relevant background and industry standards for cyber-security. We will then reinforce operational best practices with a live demo, introduce some architectural security designs, and talk about remote connectivity scenarios.

Liquid Metering Pump Maintenance

Seminar Room | Webster

Dave Harris Ti-SALES

This seminar will discuss types of pumps, troubleshooting and maximizing performance for the task at hand.

9:00 AM SEMINARS

Succession Planning for Water and Wastewater Facilities

Seminar Room | Concord

Ray Gordon NHDES, WRBP

When and how to do succession planning: transferring knowledge from retiring senior staff to the next generation of leaders is critical for system stability and success.

Distribution Inventory/Asset Management Project and Future Lead/Copper Requirements

Seminar Room | Pierce

Jason Randall, Plymouth Water Department and Chris Berg, PE, Wright-Pierce

The lead/copper rule update will create a lot of extra exploration on pipe inventories and the like. Get first-hand information on how the process will begin.

The Pease PFAS Water Treatment System, Seven Years in the Making

Seminar Room | Webster

Brian Goetz, Al Pratt, Mark Young and Tim Green, City of Portsmouth Water Division

This presentation will describe the seven years of addressing PFAS compounds found in the Pease Tradeport water system including study, piloting, design and construction of a dual filtration system which includes resin and granular activated carbon vessels – all while keeping the water flowing to the Pease International Tradeport.

Cybersecurity Tools, Resources & Possible Funding for Water Systems

Seminar Room | Merrimack

Johnna McKenna and Stephanie Nistico, DWGB, NHDES, PWS Sustainability Section

Malicious cyber actors will likely continue exploiting vulnerabilities in water and wastewater systems networks. Although some water systems have invested the necessary time and resources in cybersecurity, more progress is necessary on the part of the sector to secure IT and OT. The DWGB has developed a cybersecurity strategy to assist water systems with cyber security including tools, resources and possible funding sources.

BREAK 10:00—10:30 AM

Be sure to visit our exhibitors!

10:30 AM SEMINARS

Leading People and Managing Assets for a Sustainable Future

Seminar Room | Concord

James Courchaine, South Central Connecticut Regional Water Authority and Jenna Rzasa, Tata and Howard

This presentation addresses the generational differences of the five demographic working groups. Learn to bridge the age gap by recognizing different goals and objectives of utility workers.

Distribution Tools-How to Make the Job Less Difficult

Seminar Room | Pierce

Kyle Rousseau, Team EJP

This presentation will introduce you to new technologies in water services including everything from mobile devices to how to retrieve data.

A Year Later – Update to the PFAS Remediation Loan Fund (PFAS-RLF) for Qualifying Public Drinking Water

Seminar Room | Webster

Amy Rousseau, NHDES

Attendees will be given an update of RSA Chapter 485-H PFAS Fund and programs recently signed into law. This law establishes the “PFAS Remediation Loan Fund” (PFAS-RLF). Specifics of the loan program and how to apply will be discussed.

Features and Benefits of New Hampshire's Water and Wastewater Rates Dashboard

Seminar Room | Merrimack

Luis Adorno, DWGB, NHDES

This dashboard is designed to assist utility managers and local officials with benchmarking residential water and wastewater rates against multiple attributes. Rates and financial data are collected and loaded into an interactive dashboard which visualizes each utility's information in simple graphics.

LUNCH 11:30 AM—1:00 PM

**Please join us for a complimentary lunch!
Lunch will be set-up in the Exhibit Hall.
NHWWA Young Professionals Committee
will meet in the Capital Room.**
