

LUNCH 11:30 a.m. — 1:00 p.m.

Lunch is available for purchase at The Bistro café located in the hotel lobby.

There are also several restaurants in close proximity to the Conference Center. Please stop by the registration desk for more information.

Please Remember to Visit the Exhibit Hall!

1:00 p.m. SEMINARS

Simple and Effective Ways of Operating and Maintaining Your Groundwater Sources for Long-term Viability — *Dave Maclean, P.G., GeoInsight, Inc.*

This talk will focus on helping operators inventory and assess the crucial components of groundwater systems including pumps, wells, and aquifers. Some components like pumps can be relatively easy to replace but finding replacement locations for wells can be difficult and available aquifer deposits for new well development are becoming increasingly rare. Good maintenance habits for these components will be reviewed focusing on simple strategies that operators can implement to extend system life and to avoid costly surprises.

CAPITAL ROOM

SCADA to Enhance Operational Efficiency

— *Trina Picardi and Leroy Kendricks, Woodard & Curran*

The efficiencies SCADA can bring to your water system are endless. Success stories will be shared on how application of this tool relates to real life.

MERRIMACK ROOM

A Call to Action — *Kira Jacobs, US EPA Region One*

We face water quality challenges that are pressing and ongoing. Persistent threats and challenges, and disastrous chemical spills highlight the importance of safe drinking water to public health and local economies. Recent events demonstrate that action must be taken to prevent future incidents. This session will provide a recommitment to assessing and protecting our drinking water sources.

STATE ROOM

2:00 p.m. SEMINARS

Clamps, Couplers, Corporations and More. Don't Throw Away Those Spec. Sheets — *Dave Harris, Ti-Sales*

Choosing the proper products and a look at the proper installation, sequencing, torque and other important considerations that will ensure the integrity of your installation or repair.

CAPITAL ROOM

Meters — When is the Right Time to Upgrade Them — *Dan Burdin, Team EJ Prescott*

During this presentation we will look at what factors may drive a utility to perform a water meter change out program or technology upgrade. We will also look at different water meter types and applications along with some information on automatic meter reading.

MERRIMACK ROOM

NHDES Design Standards for Large and Small Public Water Systems — *Rick Skarinka P.E., and Thomas Willis, Jr., P.E., NHDES DWGB*

Overview of the design review requirements for large public water systems (Env-Dw 404), and for small public water systems (Env-Dw 405 and 406), from submittals to approvals. When is state approval required (or not), and examples of system modifications or improvements that require notification to the state.

STATE ROOM

IMPORTANT REMINDERS

- Classrooms fill up quickly. Please come early to ensure you have a seat.
- Each seminar equals one contact hour of credit.
- Entrance to the Exhibit Hall is free of charge.
- Complimentary coffee is available.
- Remember to bring your Trade Show Passport to the exhibitor booths. You must collect logo stickers from our exhibitors in order to be entered into the Expo Raffle!

NH Water Works Association

18 N. Main Street, Suite 308
Concord, NH 03301
(603) 415-3959
info@nhwwa.org | www.nhwwa.org



2016 NEW HAMPSHIRE DRINKING WATER EXPOSITION AND TRADE SHOW

Wednesday, October 26, 2016
8:00 a.m. — 4:00 p.m.

Grappone Conference Center
70 Constitution Avenue
Concord, NH



8:00 a.m. SEMINARS

Development of a New Water Supply Source for Manchester Water Works — *David G. Miller, P.E., Manchester Water Works, and Greg Smith, P.G., P.C., Wright-Pierce*

Lake Massabesic, Manchester's sole source of supply since 1871, is approaching its safe yield capacity. This presentation will outline the steps taken and the method chosen to provide additional water supply from the Merrimack River using radial collector well/riverbank filtration technology.

CAPITAL ROOM

Bacteria Sampling Protocols, Paperwork, Processing and Predicament — the New rTCR — *Amy Rousseau, NHDES DWGB*

An overview of sampling early, performing Level 1 and Level 2 Assessments, and preventive and corrective measures for bacteria contamination in small water systems. Why the Revised Total Coliform Rule (rTCR) has been good for NH and updates on what we have learned in the first two years of this new rule.

CONCORD ROOM

Best Practices for Maintaining Emergency Generators — *Andrew Royce, Powers Guaranteed Generators*

Having emergency generators on-site is only part of being prepared for power outages. NFPA 110 is the standard for which emergency power systems are maintained and tested. In this seminar, we will cover NFPA 110 standards, what it means for you, the steps you can take to ensure that your generators will perform when necessary and ultimately how to ensure that you pass State Life Safety Inspections on your generator.

MERRIMACK ROOM

Supportive funding for today's seminars provided by
New England Water Works Association
through the Mission Sharing Program.



9:00 a.m. SEMINARS

Spruce Hole Groundwater Source & Artificial Recharge Facility — Adding Diversity to the UNH/Durham Water System — *Michael B. Metcalf, P.E., Underwood Engineers and John Brooks, Ph.D., P.G., Emery & Garrett Groundwater Investigations, LLC*

This presentation will discuss the development, design and construction of the new gravel packed well and artificial recharge basins at the Spruce Hole Aquifer as well as some of the operational challenges and recent operating history for the facility which went online in May of 2016.

CAPITAL ROOM

Prevention of Lead in Drinking Water: Recommendations for NH Water Systems, Schools, and Child Care Centers — *Cynthia Klevens, P.E., and Christine Bowman, P.G., NHDES DWGB*

Review of existing sampling plans, corrosion control requirements, and outreach to schools and childcare centers to prevent exposure to lead in drinking water. Results of NH's Municipal Lead Piping Survey and what to expect from upcoming federal lead and copper rule revisions.

CONCORD ROOM

Weather Trends and Their Effect on New England Water Systems — *Brian Goetz, City of Portsmouth*

Weather in New England is known for being highly cyclical. These trends can have a big impact on water system operations. From floods to droughts, hurricanes and ice storms, we must be prepared for it all. This presentation will provide a history of weather patterns and how water systems can prepare and respond to their constant changes.

MERRIMACK ROOM

Developing and Operating Remote Public Water Systems in the White Mountains — *Charles Muller, Appalachian Mountain Club*

The Appalachian Mountain Club operates 15 public water systems in New Hampshire. Nine of these systems are in the "backcountry", lacking vehicle access or public utilities. Developing and operating these systems presents challenges requiring creative solutions from the logistics of transporting drill rigs to the maintenance of non-traditional infrastructure.

STATE ROOM

BREAK 10:00 a.m. — 10:30 a.m.

Remember to stop by our exhibitor booths and collect logo stickers so you can be entered into the Expo Raffle!

Grab Your Passport & Visit Our Exhibitors!

10:30 a.m. SEMINARS

Master Planning in Dover's Pudding Hill Aquifer — Responding to Groundwater Contamination and Competing Land Use — *Michael C. Unger, P.E., Underwood Engineers and John Brooks, Ph.D., P.G., Emery & Garrett Groundwater Investigations, LLC*

This presentation will tell the story of how the goal of providing the City of Dover with a reliable high quality, sustainable source of supply is impacted by groundwater contamination and migration, gravel mining, development, electrical power, and a surprise discovery.

CAPITAL ROOM

Pump Maintenance and Efficiency — *Charlie Roberts, Concord Water Department*

Learn the basic applications used in water treatment plants, maximizing efficiency, and long-term savings based on a properly designed maintenance program.

CONCORD ROOM

Benefits of a Forested Watershed — *John O'Neil, Manchester Water Works*

A brief history of 135 plus years of forest management at Manchester Water Works. Focused specifically on the advantages of a well-managed and well-maintained forested watershed.

MERRIMACK ROOM

Responsibilities of Public Water System Owners & Operators — *Wade Pelham, NHDES DWGB*

In today's world the huge responsibility of providing safe and reliable drinking water is coming further and further to the forefront of people's awareness. This talk will discuss many of the regulatory responsibilities held by those involved with this critical service.

STATE ROOM