



MAINE WATER UTILITIES ASSOCIATION
MWUA
OUR WATER. YOUR FUTURE.

96TH ANNUAL CONFERENCE

AND TRADE SHOW



Field Measurements

Conductivity

- Calibrate on daily or before use basis
- Use standards that bracket expected reading
- Use a QC check standard to ensure accuracy
- Make sure you are reading the correct measurement (Conductivity or TDS)
- Refer to Owners Operating Manual

FEBRUARY 2-3 (In-person)
FEBRUARY 10 (Virtual)

IN-PERSON AND VIRTUAL CONFERENCE



15 University Dr
Augusta, ME 04330
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Thanks for joining us!

MAINE WATER UTILITIES ASSOCIATION welcomes you to our 96th Annual Conference and Trade Show, co-sponsored by the Training and Program Committee (TaP), Maine Water Environment Association (MeWEA), and the Maine Water Utilities Association (MWUA).

The February conference has long served as the venue for the demonstration of new products and the exchange of operational tips and techniques. The Association's Associate Members provide much in the way of resources and energy in order to make the Conference such a success. The Program Committee, the Directors and other volunteer members all contribute to this effort as well.

The 2022 conference will be held in-person on February 2nd and 3rd at the Augusta Civic Center. December 10th will be our virtual day. The in-person portion will include training, exhibitors, demos and other activities that have been held in the past. There will be no exhibitors on the virtual day.

There is an opportunity to register for the 2022 conference online and make payments using a credit card. If the bill me option is chosen, the invoice must be paid before the conference.

THURSDAY, FEBRUARY 10, 2022 (VIRTUAL)

Session 42: Lead & Copper Part 1 - Updates & Tracking (virtual)

Virtual Course

Time: 7:30 AM – 8:30 AM

TCH: 1 BLWSO

Course Instructor: Lowell Huffman

Course Description:

120Water has recently partnered with MWUA and is here to help you through your lead and copper compliance needs, from rule updates to recent advances, and more.

Session 43: Lead & Copper Part 2 - Case Studies & Helpful Hints (virtual)

Virtual Course

Time: 8:40 AM – 9:40 AM

TCH: 1 BLWSO

Course Instructor: Sandra Kutzing

Course Description:

We are always searching for ways to proactively monitor our system while improving resiliency. This presentation will give a high-level overview of drinking water systems, including the basics of hydraulics and pressure, and an explanation of new technologies being developed. We will explore how to easily install and use remote pressure monitoring to identify hydraulic anomalies and events while reducing water loss and repair response time. A discussion on utilizing technology for the development of the EPA Emergency Response Plan and Risk and Resiliency Assessment will be introduced, followed by what resources, funding opportunities and more is currently available.

Session 45: PFAS Removal by Point of User Filters (virtual)

<p>Virtual Course</p> <p>Time: 11:00 AM – 12:00 PM</p> <p>TCH: 1 BLWSO, 1 DEP</p>	<p>Course Instructor: Gregory Eldridge, Scott Miller</p> <p>Course Description:</p> <p>As many communities across the United States struggle with how to effectively reduce or remove PFAS from their water systems, Haley Ward engineers and technical professionals have assisted reducing PFAS from the end users' water through a relevant study. Our presentation will cover the study's goals, selection of the POU filter type, methods and sampling protocol, results, and summary that indicated that six of the seven filters that were tested to filter the water leaving the water treatment facility resulted in a reduction of PFAS6 levels to non-detect.</p>
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Session 46: Active Control of THM Levels (virtual)

<p>Virtual Course</p> <p>Time: 1:00 PM – 2:00 PM</p> <p>TCH: 1 BLWSO</p>	<p>Course Instructor: Tom Caulfield</p> <p>Course Description:</p> <p>Elevated trihalomethane (THM) levels are among the most common violations of the Stage 2 DBP Rule in the United States. Systems that employ raw water with high levels of organics, utilize free-chlorine as a network residual and endure warm water temperatures will typically experience difficulties with THMs. Active tank mixing, in-tank aeration, and head-space ventilation systems are three tools that through thoughtful combination, can yield meaningful reductions in distribution system THM levels. These technologies make water storage tanks a smart and active agent in the management and improvement of water quality instead of a passive vessel holding water of uncertain quality.</p>
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Session 47: MPUC Terms & Conditions (virtual)

Virtual Course

Time: 2:10 PM – 3:10 PM

TCH: 1 BLWSO

Course Instructor: Stephani Morancie

Course Description:

Thinking about your terms and conditions? Maybe you want to update or file new terms and conditions, or maybe you simply want to learn more about the basics in Maine. If so, this is the perfect class for you whether you are new to the industry or an experienced professional. There is always something new to learn. We will overview the basics, common terms and conditions, and how to modify and file new terms and conditions.