



Don't Neglect Your Treatment Plant Analyzers !!

Remote Class Using Zoom

****NEW COURSE**** MWWA Course: MWWA 23-005, MA Wastewater: BC-2023-3781

Continuously reading in-line instruments are present in nearly all water treatment facilities – both surface water and groundwater. The reliability and accuracy of these instruments is not only important for optimizing the treatment plant operation but also for regulatory compliance purposes. This training will cover the important operation and maintenance tasks associated with the most common in-line instruments: **Turbidimeters, Chlorine Analyzers and pH Meters.**

In addition to learning about how these instruments work attendees will also learn about how to properly install, maintain and calibrate them. Important information about common troubleshooting tips and how to make the most of the instrument's many features will also be presented. This is a valuable training for operators at new or existing treatment facilities.

Learning Objectives:

- Review the regulatory reporting requirements
- Understand how in-line instruments function.
- Learn about the important considerations regarding installation, routine maintenance, and routine calibration.
- Discuss some of the common problems encountered and valuable troubleshooting tips.

This course is approved for **2.0 TCHs** (Training Contact Hours) for both Massachusetts Water and Wastewater Operators. It will be taught using the Zoom platform. Participants will need to have a reliable highspeed internet connection and computer device with both video and audio capability. Please review our Student Expectations for Attending Virtual Training at www.masswaterworks.org/education.

LOCATION: Remote Training via Zoom
DATE: Tuesday, May 2, 2023
TIME: 8:30 – 11:30 AM
COST: \$50 Members; \$90 Nonmembers
INSTRUCTORS: Dan Laprade, Training Coordinator, Mass. Water Works Association
Trina Picardi, HACH Company
Mark R. Johnson, Transmission & Treatment Manager, MWRA

AGENDA	8:30 – 8:45 AM	Course Overview & Introductions
	8:45 – 9:15 AM	Overview of Regulatory Requirements for Turbidity, Chlorine Residual, and pH
	9:15 – 10:00 AM	How do Turbidimeters, Chlorine Analyzers & pH Meters Work? Important Installation Considerations
	10:00 – 10:15 AM	Break
	10:15 – 10:45 AM	Proper Operation & Calibration
	10:45 – 11:15 AM	Overview of MWRA In-Line Instruments & Troubleshooting Tips
	11:15 – 11:30 AM	Q & A, Conclusions & Course Evaluations

Registrations must be done on-line (www.masswaterworks.org). If you need registration assistance, please email adminmwwa@masswaterworks.org or call 978-263-1388.

ATTENDANCE & TCH POLICY: Participation of the attendees will be confirmed throughout the Zoom session. Participation and completion of an online evaluation form are necessary to be eligible for TCHs. TCHs will be issued only when full payment is received.