

Understanding Water System Hydraulics (Remote Training)

MWWA Course: MWWA 21-004, Wastewater: BC-2024-3837

This training will provide attendees with an overview of how water moves throughout the distribution system and how it impacts flow, pressures and water quality. Basic information on pipes, tanks, pumps, friction loss, water demand and water quality will be presented. Attendees will learn about some of the typical distribution system scenarios that might arise and some helpful troubleshooting approaches.

This is a half day course done remotely on Zoom. It is a valuable training for all new operators and a great refresher for the experienced operator.

Learning Objectives:

- Review the basics of distribution system hydraulics.
- Learn about some of the common calculations operators should be familiar with.
- Discuss common scenarios and troubleshooting approaches.

This course is approved for **2.0 TCHs** (Training Contact Hours) for Massachusetts Water & 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: Thursday, June 20, 2024
TIME: 8:30 – 11:30 a.m.
COST: \$50 Members; \$90 Nonmembers

INSTRUCTOR: Mark Wetzel, Retired Superintendent Town of Ayer.

AGENDA	8:30 – 8:45 AM	Course Overview & Introductions
	8:45 – 10:00 AM	Fundamentals of Distribution System Hydraulics
	10:00 – 10:15 AM	Break
	10:15 – 11:00 AM	Troubleshooting Approaches for Common Situations
	11:00 – 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.