

Navigating Treatment Plant Residuals – Challenges & Solutions for MA Utilities

Remote Class Using Zoom

*** NEW Course ***

MWWA Course: MWWA 25-008

This half day course will present the common challenges faced by water utilities, exploring the varying characteristics and treatment requirements for residuals generated from both surface water and groundwater sources. Participants will gain insights into regulatory considerations specific to Massachusetts - including PFAS implications. Attendees will hear from two surface water and two groundwater plants – showcasing their real-world approaches, challenges overcome, and innovative solutions in residuals management.

Learning Objectives:

- Review of sludge handling options and regulatory requirements
- Learn from case studies of MA utilities
- Discuss important tips / lessons learned.

This course is approved for **2.5 TCHs** (Training Contact Hours) both Massachusetts Water Operators as well as Rhode Island Water 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: www.masswaterworks.org/education.

LOCATION: Remote Training via Zoom
DATE: Tuesday, September 16, 2025
TIME: 8:30 – 11:45 AM
COST: \$60 Members; \$100 Nonmembers
INSTRUCTORS: Eric Kelley (Apex Companies), Springfield Water & Sewer Commission, Salem and Beverly Water Supply Board, Walpole Water Dept., Bellingham Water Dept.

AGENDA	8:30 – 8:45 AM	Course Overview & Introductions
	8:45 – 9:15 AM	Overview of Residuals Handling Options & Regulatory Overview
	9:15 – 9:45 AM	Case Study 1: Springfield Water & Sewer Commission (Surface Water Treatment Plant Residuals)
	9:45 – 10:15 AM	Case Study 2: Salem and Beverly Water Supply Board (Surface Water Treatment Plant Residuals)
	10:15 – 10:30 AM	Break
	10:30 – 11:00 AM	Case Study 3: Walpole Water Dept. (Iron & Manganese Residuals)
	11:00 – 11:30 AM	Case Study 4: Bellingham Water Dept. (Iron & Manganese Residuals)
	11:30 – 11:45 AM	Q & A, Conclusions & Course Evaluations

Registrations must be made 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.