



American Water Works  
Association



## RCAP/AWWA Workshop

Small System Operator Training: Achieve and Maintain Compliance with the SDWA: Total Coliform Sampling, Lead & Copper Rule and Disinfecting with Chlorine (Systems <10,000)

**October 2, 2019**

**Massachusetts Department of Public Health**

**23 Service Center Rd.**

**Northampton, MA**

**9:00 am – 4:45 pm**

### Workshop Description:

Your utility faces day-to-day challenges providing reliable, safe drinking water for your customers while avoiding costly violations. The American Water Works Association (AWWA), in conjunction with the Rural Community Assistance Partnership (RCAP), and the New England Water Works Association (NEWWA) is offering a FREE 1-day workshop to help your utility learn about compliance with drinking water regulations and steps to avoid costly violations. This workshop is made possible by funding through the U.S. EPA and AWWA's partner, RCAP.

**Continuing Education Credits** – Pending approval by the MA Board of Certification of Operators of Drinking Water Facilities, AWWA is the entity providing the TCHs for this event.

**Audience:** Operators, managers, or governing body of a small system.

### What topics will be covered at the workshop?

- 9:00 - 9:15 a.m. - Registration, check in and Pre-test
- 9:15 - 9:45 a.m. - SDWA Workshop Introduction, complete pre-test
- 9:45 - 10:45 a.m. - Regulatory Overview/Revised Total Coliform Rule
- 10:45 - 11:00 a.m. - **Break**
- 11:00 - Noon - Controlling Lead and Copper in Drinking Water
- NOON - 12:45 p.m. - **Lunch (Provided by Ti-SALES)**
- 12:45 - 1:30 p.m. - Introduction to Coliform Bacteria Sampling and System Disinfection
- 1:30 - 4:30 p.m. - Learning Lab: Water Quality Sampling and Monitoring – Ensuring that Your Water is Safe to Drink (descriptor follows)
- 4:30 - 4:45p.m. - Wrap-up/Post-Test/Adjourn

**Learning Lab Description:** provided with the assistance of RCAP facilitators.

During this 3-hour, hands-on portion, participants in small groups will learn how to develop and implement an effective water quality monitoring strategy, **collect** total coliform bacteria samples, and **analyze** and **report** sampling results. Participants will get to practice collecting samples for several parameters, including **free and total chlorine** as well as **total coliform bacteria**. In addition, participants will learn how and why to **map chlorine residual levels** if and when used in their system.

*Thanks to our generous lunch sponsor, Ti-SALES.*



**See Other Side for Registration Instructions**



American Water Works Association



**Course Presenter:**

**Paul Riendeau**, NEWWA Staff Instructor and Education Coordinator, Holliston, MA. He has worked for the association since 1998. He previously worked for 18 years as the Water Quality Supervisor and Laboratory Director for the Pawtucket Water Supply Board in Rhode Island. He holds current full Grade 4 drinking water treatment and distribution operator licenses in Massachusetts. Paul earned a B.A. degree in Biology from Rhode Island College and has taught adults since 1980.

**Facilitators:** members of the RCAP team will assist in providing small break out groups to learn and practice the above mentioned tasks of coliform sampling, chlorine residual testing and disinfectant residual mapping.

**REGISTRATION - Small System Operator Training: Achieve and Maintain Compliance with the SDWA: Total Coliform Sampling and Disinfecting with Chlorine**

October 2, 2019 at the MA Department of Public Health, 23 Service Center Rd. Northampton, MA

**REGISTER ONLINE AT:** <http://bit.ly/MADW2019>

Name(s): \_\_\_\_\_

Company/Organization/System name: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Phone number: \_\_\_\_\_

Population served by system     0-500     501-3,300     3,301-10,000

Email address: \_\_\_\_\_

**(NOTE: to receive a certificate, everyone is required to have their own email address)**

**NOTE: As this is a free, grant-funded workshop, food cannot be provided. Please come prepared.**

[ ] Check here if you have a disability and require accommodations to fully participate.

**If you do not wish to register online, please send completed form to:**

**RCAP Solutions  
PO Box 20236  
Worcester, MA 01602**

**NOTE:** No confirmation of registration will be sent.