

# Achieve and Maintain Compliance with SDWA in Oregon

A three-webinar series • April 13–15, 2021



## **Distribution System Infrastructure and Distribution System Water Quality** April 13, 2021 • 9:30 am – 12:00 pm

Certified water operators are tasked with maintaining the distribution system to ensure safe drinking water. This lesson, as part of distribution system infrastructure we will cover piping, valves, storage tanks, and hydrants. This lesson shows how infrastructure impacts water quality and provides solutions to common problems. This lesson also presents the water quality changes that may occur as the water moves through the infrastructure in the distribution system. Different water quality parameters and challenges are discussed along with solutions.

Register at: <https://www.events.rcac.org/assnfe/ev.asp?ID=2486>

## **Water main flushing and Main Breaks and Cross Connections** April 14, 2021 • 9:30 am – 12:00 pm

This lesson will focus on the importance of flushing and maintaining water quality. A well planned and systematically executed flushing program can decrease water age in dead ends of a distribution system, can restore chlorine residuals, can remove sediments and other deposits, and result in overall improvement in water quality. Based on this premise of water quality, this lesson will also focus on main breaks and cross connections, describes how these events can compromise water quality in the distribution system and provides solutions to the most common challenges from the field.

Register at: <https://www.events.rcac.org/assnfe/ev.asp?ID=2488>

## **Coliform Sampling Collection and Disinfection Overview** April 15, 2021 • 9:30 am – 12:00 pm

This lesson focuses on sample collection for Total Coliform Rule (TCR). The best practices mentioned here apply to sampling for other parameters as well. Several types of samples can be collected for total coliforms including routine samples, repeat samples, additional routine samples, replacement samples, and special samples. Only routine samples and repeat samples are discussed in this lesson. This lesson also covers the different types of disinfection methods available, but this module is focused on disinfection by free chlorine and combined chlorine (chloramine) only. Topics include types of disinfection, chlorination, chloramination, and nitrification.

Register at: <https://www.events.rcac.org/assnfe/ev.asp?ID=2489>

### **For registration questions, contact:**

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*This workshop is presented by Rural Community Assistance Corporation and funded as part of the EPA/RCAP Training/Technical Assistance for Small Public Water Systems to Achieve and Maintain Compliance.*