



*Small System Operator Training:
Achieve and Maintain Compliance with the SDWA*



**American Water Works
Association**

Dedicated to the World's Most Important Resource™

Regulatory Review LESSON PLAN

Overview:

This lesson provides an overall look at the regulatory requirements facing small system operators and offers solutions to maintain and achieve compliance under the SDWA.

Learning Objectives:

At the completion of this workshop, participants should have the ability to:

- Identify distribution system issues that may impact public health
- Describe the importance of the distribution system as a barrier for protecting public health

Materials Needed:

- PowerPoint presentation
- Participant handouts, pre- and post-tests

Agenda:

Agenda development is based on a 120 minute lesson:

- 7 min – Introduction and Regulatory background
- 7 min – Most common distribution problems exercise
- 30 min – Total coliform
- 15 min – TC+ case study
- 10 min – SWTR and disinfection calculations
- 12 min – Disinfection calculations activity
- 10 min – Groundwater Rule
- 10 min – Stage 2 DBP Rule
- 5 min – LRAA vs RAA calculation activity
- 7 min – Lead and Copper Rule

Evaluation:

Pre and post tests will be administered before and after the workshop along with the other lessons' questions.