New Mexico Small Systems Operator Training Workshop: Achieve and Maintain Compliance with SDWA

Tuesday August 1, 2023

10:00 am – 11:00 am – Introductions Greetings, Pre test, Distribution System Infrastructure

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

- Describe vital components of a distribution system, and how they can impact water quality
- Identify potential areas of water quality concern in your system, and consider ways to improve them

11:00 am – 11:05 am - Break

11:05 am – 12:00 pm – Distribution System Water Quality, Post test

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

- Identify and describe what different water quality parameters tell us about distribution system water quality
- Describe and apply key practices for managing water age and quality during storage

Wednesday, August 2, 2023

10:00 am – 11:00 am – Greetings, Pre test, Disinfection

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

- Describe the importance of disinfection
- List the types of disinfectants
- Summarize disinfection basics (chlorination and chloramination)
- Evaluate disinfection dosing and monitoring

11:00 am – 11:05 am – Break

11:05 am – 12:00 pm – Disinfection Byproducts, Post Test

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

- Discuss factors that impact DBP formation
- Identify DBP formation factors that can be controlled at the treatment plant, in the distribution system, or in both
- Compare and contrast methods for managing DBP formation
- Explain how your utility can optimize their effectiveness in controlling DBP formation for public health and regulatory compliance
Thursday, August 3, 2023

10:00 am – 11:00 am – Greetings, Pre test, Main Breaks & Cross Connections

At the completion of this lesson, participants should be able to:

• preserve water quality when responding to a water main break
• explain the difference between proactive and reactive responses
• define what a cross connection is, and recognize its occurrence
• explain how cross-connections can impact public health
• describe requirements for cross-connection control
• outline emergency responses for backflow events

11:00 am – 11:05 – Break

11:05 am – 12:00 Pm – Arsenic Rule Compliance, Post Test, Evaluation

At the completion of this lesson, participants should be able to:

1. Describe the importance of the Arsenic Rule in protecting public health
2. Determine if a water system is in compliance with the rule
3. Use proper technique to collect a sample for arsenic testing.
4. Communicate arsenic-related information to customers
5. Evaluate options for attaining compliance
6. Access technical and funding guidance