



Small System Operator Training:  
Achieve/Maintain Compliance with the SDWA  
Wednesday, April 24, 2019  
Alpine Civic Center, 250 River Circle  
Alpine, WY 83128

**Agenda**

| <b>Time</b>         | <b>Topic</b>                                       | <b>Contents</b>                                                                                                                                                                                                                                                                                                       | <b>Module</b>                                                                                |
|---------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 7:00 – 8:00 AM      | Registration and Sign In                           |                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| 8:00 AM             | Introductions and Administration - Bud             | - Introductions, Training Overview and Objectives; Pre-Test                                                                                                                                                                                                                                                           |                                                                                              |
| 8:15 AM             | Disinfection Overview - Bud                        | - Discuss the purpose and types of disinfection and the basics of chlorination and chloramination                                                                                                                                                                                                                     | Disinfection Overview                                                                        |
| 9:15 AM             | Coliform Sample Collection - J                     | - Be able to take and explain how to take a good coliform sample; recognize the challenges in taking a good sample                                                                                                                                                                                                    | Sample Collection                                                                            |
| 10:05 AM            | BREAK                                              |                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| 10:15 AM            | Distribution System Infrastructure - J             | - Describe components of the DS, and how they can impact water quality; describe potential areas of water quality concern in your system, and consider ways to improve these                                                                                                                                          | Distribution System Infrastructure                                                           |
| 11:05 AM            | Distribution Water Quality - Bud                   | - Describe what different water quality parameters tell us about distribution system health; Apply key practices for managing water age and quality during storage                                                                                                                                                    | Distribution Water Quality                                                                   |
| 11:55 AM – 12:25 PM |                                                    | LUNCH                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| 12:25 PM            | Flushing Impacts to Water Quality - Jerry          | - Describe the importance of flushing; Prepare a simple checklist for flushing; Identify the components in developing a flushing program                                                                                                                                                                              | Distribution System Flushing                                                                 |
| 1:15 PM             | Main Breaks & Cross Connections – Jerry            | - Preserve water quality when responding to a water main break; Describe the difference between proactive and reactive responses; Describe what a cross connection is and the seriousness of cross-connections; Describe requirements for cross-connection control; and Emergency response in the event of a backflow | Distribution System –<br>Main Breaks & Cross Connections                                     |
| 2:05 PM             | BREAK                                              |                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| 2:15 PM             | Source Water Assessment and Protection – J & Jerry | - Understand the purposes of a SWAP and a SWPP; What is needed to update a SWAP; Develop a basic plan for protecting drinking water sources; Create ways to inform and engage the public in source water protection; and Additional resources and guidance                                                            | Source Water Assessments for Small Systems                                                   |
| 3:45 PM             | Regulatory Review – Bud                            | - Provides an overall look at the regulatory requirements facing small system operators and offers solutions to maintain and achieve compliance under the SDWA.                                                                                                                                                       | Describe the importance of the distribution system as a barrier for protecting public health |
| 4:45 PM             | Post-Test and Feedback - Team                      | - Post Test                                                                                                                                                                                                                                                                                                           |                                                                                              |
| 5:00 PM             | Adjourn                                            |                                                                                                                                                                                                                                                                                                                       |                                                                                              |