

# ARWA TRAINING AGENDA

Lab Procedures and Quality Control; Water System Operation, Maintenance and Safety  
Russellville, AL - Nov 14, 2023

Time: 8:00 AM - 4:00 PM

Location: A W Todd Center  
201 S Washington Ave  
Russellville, AL 35653



## Agenda Items

From	Until	Description - Provider
08:00 AM	08:30 AM	<b>Welcome / Introduction</b> - We will be introducing the course objectives, outlining the expectations, and covering essential administrative details to ensure a smooth learning experience. <b>Keith Hester, ARWA</b>
08:30 AM	09:30 AM	<b>Sampling and Testing Procedures</b> - Explore the core protocols of water sampling and testing in this section. <b>Erin Consuegra, ERA Labs</b>
09:30 AM	10:30 AM	<b>Lab Quality Control</b> - Uncover the intricate requirements for Laboratory Certification as the instructor delineates the quality control measures imperative for maintaining sample integrity. This session is crucial for aspiring to adhere to professional standards in water analysis and testing. <b>Erin Consuegra, ERA Labs</b>
10:30 AM	11:30 AM	<b>Emerging Contaminants</b> - Delve into the latest updates on contaminants under the Unregulated Contaminant Monitoring Rule (UCMR) in this session. We will discuss the potential Maximum Contaminant Levels (MCL) for newly regulated contaminants and explore their possible impact on water systems, equipping you with the knowledge to anticipate and address contemporary water quality challenges. <b>Erin Consuegra, ERA Labs</b>
11:30 AM	12:30 PM	<b>Lunch</b> <b>On Your Own</b>
12:30 PM	01:30 PM	<b>Operation and Maintenance</b> - Discover basic water system operation procedures and equipment handling, along with essential maintenance tips to extend equipment lifespan, ensuring efficient water management. <b>Keith Hester, ARWA</b>
01:30 PM	02:30 PM	<b>Troubleshooting</b> - Uncover common equipment issues in water systems, explore potential causes, and learn pragmatic troubleshooting approaches to determine the most effective solutions, enhancing operational efficiency. <b>Keith Hester, ARWA</b>
02:30 PM	03:30 PM	<b>Safety</b> - Delve into fundamental system operation protocols from 'Lockout/Tagout' to trench safety, equipping operators with awareness of daily hazards and practical strategies to ensure a safe working environment. <b>Keith Hester, ARWA</b>
03:30 PM	04:00 PM	<b>Review and Evaluations</b> <b>Keith Hester, ARWA</b>

This Training Session will provide 7 Water CEH's Subject to ADEM Approval. Training is provided as a joint effort of the Alabama Rural Water Association and US EPA.

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