

ARWA TRAINING AGENDA

Basic Laboratory Procedures / Hands-On Training, Emerging Contaminants
Marshall County, Boaz, AL - May 9, 2024

Time: 8:00 AM - 4:00 PM

Location: Boaz Public Library
404 Thomas Ave
Boaz, AL 35957



Agenda Items

From	Until	Description - Provider
08:00 AM	08:15 AM	Welcome/Introduction <i>Tyler Grant/ARWA</i>
08:15 AM	11:30 AM	Laboratory (Hands On) Attendees of this training session will be provided detailed, hands-on instruction in an array of laboratory techniques, including proper sampling protocols for various contaminants, a thorough grounding in spectrometry theory and its real-world laboratory applications, as well as extensive hands-on training with pH probes to develop proficiency in usage and maintenance. <i>Suzanne Lindblom/HACH</i>
11:30 AM	12:30 PM	Lunch <i>On Your Own</i>
12:30 PM	03:30 PM	Emerging Contaminants This session will provide valuable information of common contaminants found in wastewater, including pharmaceuticals, personal care products, diagnostic agents, detergents, antimicrobials, industrial chemicals, solvents, per- and polyfluoroalkyl substances (PFAS), and microplastics. The identification and analysis of these contaminants in wastewater matrices will be discussed. Furthermore, strategies and technologies for the effective removal and treatment of these contaminants will be presented. Participants in this seminar can expect to gain an understanding of current methods for detecting trace organic contaminants and emerging contaminants of concern in the environment. Additionally, they will learn about best practices and recent advances in wastewater treatment for contaminant removal and creating higher quality effluent. <i>Erin Consuegra/ERA Lab</i>
03:30 PM	04:00 PM	Questions and Evaluations <i>Tyler Grant/ARWA</i>

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