



## Training Agenda

**Course:** Basic Water Treatment- 24 Hours  
**Location:** Clarksville Connected Operations Center-710 East Main (Hwy 64 East)  
Clarksville, AR. 72830 (Johnson County, Ar.)  
**Date:** March 18-20, 2025  
**Time:** 8:00 am- 5:00 pm (1 hour lunch)  
**Instructor:** Jim Philipp

This 24-hour class is required to be taken prior to taking the Arkansas Treatment 1 examination. This is an introduction to groundwater and surface water treatment practices.

### Day 1

7:30 am - 8:00 am	Registration
8:00 am - 10:00 am	Math Formula Sheet Review & Practice Problems
10:15 am- 12:00 pm	Introduction to Source Waters (Ground, GWUDI, Surface)
12:00 pm- 1:00 pm	Lunch on your own
1:00 pm- 3:00 pm	Ground Water Treatment Techniques (Iron & Manganese Removal)
3:15 pm- 5:00 pm	Introduction to Surface Treatment Techniques

### Day 2

7:30 am - 8:00 am	Registration
8:00 am - 10:00 am	Coagulation, Flocculation & Sedimentation Processes
10:15 am – 12:00 pm	Filtration & Disinfection Processes
12:00 pm – 1:00 pm	Lunch on your own
1:00 pm – 3:00 pm	Disinfection Methods (Chlorine, UV, Ozone, Chlorine Dioxide)
3:15 pm – 5:00 pm	Class Handouts & Practice Problems

### Day 3

7:30 am – 8:00 am	Registration
8:00 am – 10:00 am	Softening Practices using Chemical Precipitation
10:15 am – 12:00 pm	Administrative Procedures- Technical, Financial & Managerial Responsibilities
12:00 pm – 1:00 pm	Lunch on your own
1:00 pm – 3:00 pm	Cyber Security for the industry
3:15 pm – 4:30 pm	Disaster Preparedness for your system
4:30 pm - 5:00 pm	Group Discussion/Certificates

Call ARWA at 501-676-2255 to register or visit [www.arkansasruralwater.org](http://www.arkansasruralwater.org).

Pre-Registration is required.

Make plans now to attend the Annual Technical Conference  
September 7-10<sup>th</sup> 2025, in Hot Springs, Arkansas.