



Arkansas Rural Water Association

Training Agenda

Course: Intermediate Water Treatment- 24 Hours
Location: Amity Water Plant- 125 Randall Rd. Hot Springs, AR. 71913 (Garland County)
Date: April 14-16, 2026
Time: 8:00 am- 5:00 pm (1 hour lunch)
Instructor: Jim Philipp

To educate and familiarize operators with the intermediate knowledge required to operate a ground water or surface water treatment plant. This course is required for anyone taking a T-2 exam or higher.

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	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	Surface Water Treatment Techniques (Turbidity, NOM, SWTR)

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 Methods (Chlorine, UV, Ozone, Chlorine Dioxide)
12:00 pm – 1:00 pm	Lunch on your own
1:00 pm – 3:00 pm	Cyber Security for Systems
3:15 pm – 5:00 pm	Practice Handouts

Day 3

7:30 am – 8:00 am	Registration
8:00 am – 10:00 am	Softening, Ion Exchange, UF, NF, RO for Specific Removal
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	Preparing for Disasters- Natural, Man-Made, Weather-Related
3:15 pm – 4:30 pm	Practice Handouts
4:30 pm - 5:00 pm	Group Discussion/Certificates

Call ARWA at 501-676-2255 to register or visit www.arkansasruralwater.org.

Pre-Registration is required.

Make plans now to attend the Annual Technical Conference

August 30-September 2nd, in Hot Springs, Arkansas.