



MWA Training Series

California Rural Water Association in partnership with Mojave Water Agency (MWA) and in support of the Integrated Regional Water Management Plan is offering a series of free trainings designed to enhance your knowledge of the water industry. **These no-cost workshops are beneficial for Water Operators and System Managers of Private, Public and Tribal Systems.**

Intermediate Water Math (3 SWRCB Contact Hours) – September 28, 2022 @ 12:30 – 3:30 pm

This class enhances water math skills for those who already have developed knowledge of using basic math formulas. Mathematical equations include CT calculations, filtration, sedimentation, and solution mixing. Time is provided to review math problems and allow the participant to find the solution. Head = ft. of Water, Flow Problems, mg/l, Pounds Formula, Conversion of Flows, Volume of a cylinder cu/ft, sq/ft

Basic Hydrogeology & Well Design (4 SWRCB Contact Hours) – October 19, 2022 @ 12:30 – 4:30 pm

This class will present basic concepts in groundwater hydrogeology, which will be useful in understanding sources and uses of water resources, constraints on the development of those resources and how to maximize production of groundwater while reducing total costs over the life of the well. You will leave the class knowing more about:

- Principles of Groundwater Flow
- Groundwater Recharge and Water Budgets
- Hydrogeology of the Mojave Desert Area
- Groundwater Contaminants
- Optimal Well Design Using Sound Hydrogeological Principals
- Well Development Techniques

Leak Detection & Water Loss Accountability (4 SWRCB Contact Hours) – November 16, 2022 @ 12:30 – 4:30 pm

- 4 ways to Reduce Leakage, the art of Leak Detection, Reactive or Proactive Leakage Management, review of preliminary survey, zones and zone measurements, pinpointing leaks, and estimating leaks.
- PowerPoint demonstration and discussion of leak detection, modern methods of leak detection, acoustic leak detection, and correlation equipment.
- Water loss identification and prevention and accountability
- Making Estimates – Rates of water loss for a roughly circular hole can be estimated

REGISTRATION FORM



Please register in advance – class sizes are limited, and we expect these sessions to fill up fast!

To Register

1. Select which class(es) you would like to attend
2. Complete the form below
3. Send form via



Fax: **(916) 553-4904**
Email: **lcarmona@calruralwater.org**
Mail: **California Rural Water Association
1234 North Market Blvd.
Sacramento, CA 95834**

Class	Location
<input type="checkbox"/> Intermediate Water Math: September 28 th 12:30 pm – 3:30 pm	Mojave Water Agency – Board Room 13846 Conference Center Drive Apple Valley, CA 92307 Please note: • <i>MWA will provide a light lunch.</i>
<input type="checkbox"/> Basic Hydrogeology October 19 th 12:30 pm – 4:30 pm	
<input type="checkbox"/> Leak Detection & Water Loss Accountability November 16 th 12:30 pm – 4:30 pm	

Attendee(s) Name(s): _____

System or Company Name: _____

System/Company **Mailing** Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ FAX: _____

Email: _____

This is a free class. We will contact you if the class is full and put you on a waiting list. If you register and cannot attend, please call (800) 833-0322 to cancel. Please let us know if any registrant requires a disability accommodation. For more information on CRWA classes, please visit our website: www.calruralwater.org. Questions? (800) 833-0322