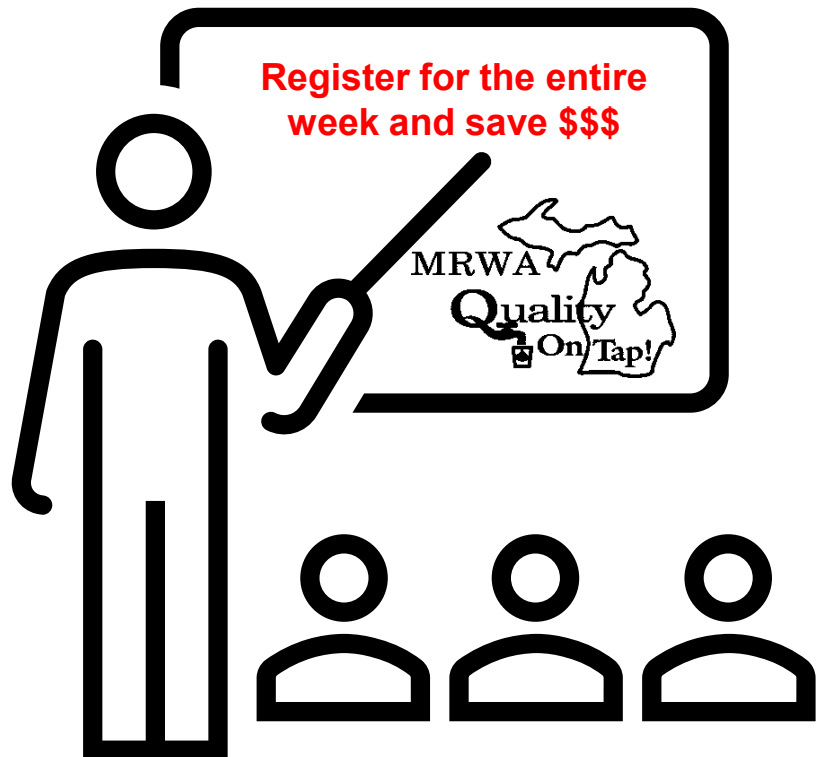


**Michigan Rural Water Association
Proudly Presents Our 2025**

WATER OPERATOR SCHOOL

February 10 – 14, 2025
Comfort Inn & Conference Center
2424 South Mission
Mount Pleasant, MI 48858

March 24 – 28, 2025
City of Warren Water Department
12821 Stephens Rd.
Warren, MI 48089



Monday, February 10, 2025 and March 24, 2025 Valve Maintenance / Fire Hydrants

Valve Maintenance: Why it's important, tools of the trade, valve exercising, valve boxes, and record keeping. We will also talk about common valve problems and how to fix them.

Hydrant Maintenance: Hydrant maintenance is important to a healthy water system but is often neglected. This class will talk about proper maintenance practices, flushing and flow testing, winterizing, tools of the trade, painting, and record keeping. We will also talk about typical hydrant problems and ways to fix them.

8:30am – 11:50am	Water Valve Maintenance
11:50am – 12:35pm	Lunch (provided)
12:35pm – 3:55pm	Fire Hydrant Maintenance
3:55pm	End of Day Test
4pm – 6pm	Meet & Greet - Mt. Pleasant location ONLY

CECs
Valve and Hydrants
0.6 Water, Technical

Tuesday, February 11, 2025 and March 25, 2025 Bacterial Sampling / Chemical Feed Pumps

Bacteri sampling: New water main installation, procedures for water main breaks and an emphasis on bacteri sampling, from routine sampling to sampling for water main breaks and new construction and bacterial site sampling plans.

Chemical Feed Pumps: basic chemical feed pump operation and maintenance. Including adjusting feed rates to meet dosage goals, pump maintenance, repairs and troubleshooting. Including a hands-on demonstration of pump repairs.

8:30am – 11:50am	Bacterial Sampling
11:50am – 12:35pm	Lunch (provided)
12:35PM – 1:35PM	Bacterial Sampling Continued
1:35pm – 3:55pm	Chemical Feed Pumps
3:55pm	End of Day Test

CECs
Bacteri Sampling
0.4 Water, Technical

PENDING EGLE APPROVAL
Chemical Feed Pumps
0.2 Water, Technical

Wednesday, February 12, 2025 and March 26, 2025 Wells to Pumps / Water Main Repair & Tapping

Wells to Pumps: Covers Michigan's unique geology and the groundwater chemistry, how water wells are engineered and designed for maximum efficiency and longevity, the design and engineering of well pumps including types of pumps, column and drop pipe assemblies, basic wellhouse piping, controls and SCADA, basic water treatment including iron, manganese, arsenic and radionuclide removal as well as softening systems.

Water Main Repair: Covers fundamental safety protocols, guiding students through the process of locating and preparing a water main for repair. Various types of repair clamps and their real-world applications. Hands-on demonstration where students actively engage in the installation of repair clamps. We will also cover troubleshooting repair problems and, address common challenges.

Water Main Tapping: Procedures used to install a service line. Types of tapping saddles and clamps and their application and installation. Review the different types of service lead materials and fittings. Hands-on demonstration of a water main tap. Review of the proper installation of curb stops.

8:30m – 11:50am	Wells to Pumps
11:50am – 12:35pm	Lunch (provided)
12:35pm – 3:55pm	Water Main Repair & Tapping
3:55pm	End of Day Test

PENDING EGLE APPROVAL
Wells to Pumps
0.3 Water, Technical

PENDING EGLE APPROVAL
Water Main Repair & Tapping
0.3 Water, Technical

Thursday, February 13, 2025 and March 27, 2025 Safe Drinking Water / Cross Connection / Water Meters

SDWA: A review of the SDWA from A-Z. Covering the essential items that apply to water operators and water operators in charge. It will review the responsibilities placed on the operator in charge of water systems and provide the information needed to help them keep their water system in compliance with the SDWA rules and regulations.

Cross Connections: The importance of controlling cross-connections and preventing backflow occurrences from unprotected cross-connections in the water system.

Water Meter: The proper installation of water meters, Common problems and trouble shooting ideas associated with water meters, along with repair and maintenance of meters.

8:30m – 11:50am	Safe Drinking Water Act
11:50am – 12:35pm	Lunch (provided)
12:35pm – 2:45pm	Cross Connection
2:45pm – 3:55pm	Water Meters
3:55pm	End of Day Test
5pm – 7pm	Dinner – Mt. Pleasant location ONLY

CECs:
SWDA
0.3 Water, Managerial

PENDING EGLE APPROVAL
Cross Connection
0.2 Water, Technical

Water Meter
0.1 Water Technical

Friday, February 14, 2025 and March 28, 2025 Hazard Prevention (Water Operator Safety)

This general safety class is geared toward the water distribution operator and the hazards they encounter on a regular basis. We will cover excavation site safety, including trenching & shoring, and traffic control for the job site. We will also cover entering confined space safety, electrical hazards including arc flash and lock out -tag out, fire hazards and fire extinguishers, and lastly basic mechanical equipment safety

8:30m – 11:50am	Hazard Prevention
11:50am – 12:20pm	End of Week Test
12:20pm	Attendee Graduation

CECs: 0.3 Water, Other

MRWA Water Operators School

WAYS TO REGISTER

Website: www.mrwa.net

Click login at the very top of the page and enter your email address. If found, follow the prompts to set up a password. If not found, call the MRWA office.

Email: membersvcs@mrwa.net

Mail: MRWA, 2127 University Park Drive, Ste 340, Okemos, MI 48864

Hotel Info

See registration page on our website for the class you plan to attend for hotel recommendations.

ONE FORM PER ATTENDEE: Attendee cell phone and attendee email address required.

(Info is not shared with outside parties). Registration will not be processed without this info.

Step 1

SELECT LOCATION

_____ February 10 – 14, 2025, Mt. Pleasant, MI

_____ March 24 – 28, 2025, City of Warren



Step 2

Select below which classes you are going to attend.

Select which class(s) you will attend	Class	Member (each)	Non-Member (each)
	Water Operators School, ENTIRE WEEK MUST BE SAME ATTENDEE AT ALL 5 CLASSES	\$755	\$1005
	Valves / Fire Hydrants MONDAY	\$185	\$235
	Bacti Sampling / Chemical Feed Pumps TUESDAY	\$185	\$235
	Wells to Pumps / Water Main Repair & Tapping, WEDNESDAY	\$185	\$235
	Safe Drinking Water / Cross Connection / Meters, THURSDAY	\$185	\$235
	Hazard Prevention, FRIDAY	\$115	\$165

ATTENDEE Name:

Employer:

Address:

City/State/ZIP:

ATTENDEE CELL Phone:

ATTENDEE Email:

Any special dietary requirements?

Job Title:

Name and Phone Number of Emergency Contact for attendee:

(List someone who will actually answer the phone if called, not the office phone number)

Name, Phone and Email Address of person completing form:

Payment/Cancellation Policy: Payment is expected prior to class. Cancellations must be requested 7 business days prior to the start of the class for a full refund. If you cancel less than 7 business days prior to the start of class, there will be a \$50 processing fee per day per attendee. You may send a substitute attendee.