

Michigan Rural Water Association

2024 Basic Water Operations Week

These classes are for newbies to the field and a refresher for those who have been around

March 4: Water Valve Maintenance
Fire Hydrant Maintenance

March 5: Bacti Sampling
Water Main Break Repair

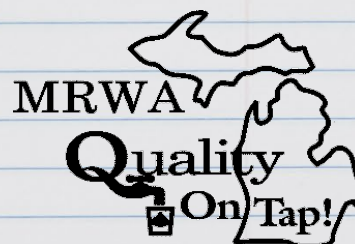
March 6: Well Maintenance

March 7: Safe Drinking Water Act
EGLE
Chemical Feed Pump Maintenance

March 8: Safety

Comfort Inn
2424 South Mission Street
Mount Pleasant, MI 48858

Attend All 5 Days and Save
See Registration Form



Monday, March 4, 2024 – Valve Maintenance & Fire Hydrants

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. Valve Maintenance : This class will talk about 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.

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

PENDING EGLE APPROVAL
0.6 Water, Technical

Tuesday, March 5, 2024 – Bacterial Sampling & Water Main Repair

New water main installation, procedures for water main breaks and an emphasis on bacti sampling, from routine sampling to sampling for water main breaks and new construction and bacterial site sampling plans. Water main breaks basic safety precautions, cleaning and prepping the pipe, type of repair clamps, troubleshooting

8:30am – 11:50am	Bacterial Sampling, Water Main Chlorination And Break Procedures
11:50am – 12:35pm	Lunch (provided)
12:35pm – 3:55pm	Water Main Break Repair Clamp Installation & Water Main Taping for Service Leads
3:55pm	End of Day Test

Approved
Bacti: 0.4, Water, Technical

PENDING EGLE APPROVAL:
Water Main: 0.2 Water, Technical

Wednesday, March 6, 2024 – From Wells to Pumps

Attendees will learn about water wells and pumps as relevant to the State of Michigan. The program will cover 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.

8:30m – 11:30am	From Wells to Pumps - Controls to Treatment: An Introductory Class for Water Well Operators
11:30am – 12:15pm	Lunch (provided)
12:15pm – 3:45pm	From Wells to Pumps - Controls to Treatment
3:45pm	End of Day Test

APPROVED
0.5 Water, Technical

Thursday, March 7, 2024 – Safe Drinking Water, EGLE, Pump Maintenance

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. EGLE Requirements and Relationships: Review of the duties of an operator/operator in charge that are regulated under the SDWA. It will go over submissions to EGLE, violations, public notices, consent agreements, sanitary surveys and site visits. Chemical Feed Pump: Basic chemical feed pump operation and maintenance.

8:30m – 11:50am	Safe Drinking Water Act
11:50am – 12:20pm	Lunch (provided)
12:20pm – 2:40pm	EGLE Requirements and Relationships & Compliance Tips for Operators
2:40pm – 3:40pm	Chemical Feed Pump Maintenance
3:40pm	End of Day Test

PENDING EGLE APPROVAL

SWDA: 0.3 Water, Managerial

EGLE/Chemical Feed 0.3 Water, Technical

Friday, March 8, 2024 - 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	Safety
11:50am – 12:20pm	End of Week Test
12:20pm	Attendee Appreciation Lunch

PENDING EGLE APPROVAL
CECs: 0.3 Water, Other

Basic Water Operations Week

March 4-8, 2024

Mount Pleasant, MI



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: training@mrwa.net

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

Hotel Info

Comfort Inn

2424 South Mission Street

Mount Pleasant, MI 48858

Rooms are \$85 per night plus tax and feel

Call (989) 772-4000 and ask for Michigan Rural Water Rate

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.

Select which class(es) you will attend	Class	Member (each)	Non-Member (each)
	Fire Hydrants & Valves, March 4, 2024	\$175	\$225
	Bacti Sampling & Water Main Break Repair, March 5, 2024	\$175	\$225
	From Wells to Pumps, March 6, 2024	\$175	\$225
	Safe Drinking Water, EGLE, Pump Maintenance, March 7, 2024	\$175	\$225
	Safety, March 8, 2024	\$105	\$155
	Basic Water Operations Week, March 4-8, 2024 MUST BE SAME ATTENDEE AT ALL 5 CLASSES	\$705	\$955

ATTENDEE Name:	
Employer:	
Address:	
City/State/ZIP:	
ATTENDEE CELL Phone:	ATTENDEE Email:
Any special dietary requirements?	
Name & phone of person completing form:	
Send and invoice: <input type="checkbox"/> Charge my credit card info below: <input type="checkbox"/>	
Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> Discover <input type="checkbox"/> Card number:	
Expiration date:	CSC code:
Name on card:	
Card Billing address:	
Email address to send receipt to:	

Payment/Cancellation Policy: Payment is expected prior to class. Cancellations must be requested at least 3 business days prior to the start of the class or your registration fee will be forfeited. If you cancel least 3 business days prior to the start of class, the full amount may be refunded. You may send a substitute attendee.

Michigan Rural Water Association
2127 University Park Dr Ste 340
Okemos MI 48864

NON-PROFIT
PRSR STD
US POSTAGE
PAID
CLARE, MI 48617
PERMIT #2

BASIC WATER OPERATIONS WEEK

March 4 – 8, 2024

Welcome to our comprehensive Water Distribution System Operations Week—a five-day program dedicated to enhancing the knowledge and skills of water distribution operators. Our primary objective is to deliver top-notch education and training opportunities, ensuring participants are well-equipped to excel in their roles.

Each day of this week-long program is designed to cover essential topics crucial for water operators. You have the flexibility to attend individual days based on your specific needs or immerse yourself in the entire week for a more thorough understanding of water distribution operations.

Following each daily session, participants will undergo a brief test to assess their comprehension of the day's material. The week concludes with a comprehensive examination, encompassing all the topics covered throughout the program. Upon successful completion of each day, participants will receive certificates of accomplishment. Attend all five days of Water Operations Week and earn a prestigious framed certificate, symbolizing your commitment to excellence in water distribution system operations. Join us in this educational journey to elevate your expertise and make a lasting impact in the field.

Upcoming Events

Annual Conference, March 19 – 22, 2024, Soaring Eagle, Mt. Pleasant

Golf Outing, June 18, 2024, Bucks Run, Mt. Pleasant

Outdoor Expo, August 28, 2024, Michigan International Speedway

UP Conference, October 15 – 17, 2024, Marquette