

# UP Water Certification Review: Distribution and Limited Treatment



## 1.2 CECs, Water Technical

*You must attend the entire class to earn the CECs*

Michigan Rural Water Association has compiled review courses for those planning to take the water treatment and distribution Certification Test. The course will be instructed by an experienced water operator. The course content has been structured based on the EGLE study guide for waterworks operator certification exams. Concentration will be placed on reviewing math skills, system maintenance, chlorination, sampling, and other areas necessary to help you study for your certification exam. During this review course, your instructor will answer your questions and provide tips on test-taking.

### Topics Will Include

Chlorination	Contingencies & Emergencies	Corrosion	Cross Connections	Meters	Hydrants
Customer Relations	Fluoridation	Hardness/Softening	Hydraulics	O&M	Management
Microbiology	Instrumentation	Iron Removal	Main Installation	Safety	SDWA
Phosphate	Pipes & Joints	Pumps & Motors	Record Keeping	Valves	
Sampling	Storage	Taste & Odor	Water Quality	Wells	

Agenda Day 1	
8:30am – 9am	Introductions
9am – 10am	Regulations and Michigan SDWA (PA 399)
10:15am – Noon	Water Math
Noon	Lunch (provided)
12:45pm – 2pm	Water Math
2:15pm – 3:30pm	Bacterial Testing
3:30pm	Adjourn



Agenda Day 2	
8:30am – 9am	Disinfection
9am – 10am	Pumps and Motors
10:15am – 11am	Distribution System Components
11am – 11:30am	Cross Connections
11:30am – Noon	Safety
Noon	Lunch (provided)
12:45pm – 1:30pm	Fluoridation
1:30pm – 2pm	Corrosion
2:15pm – 2:45pm	Iron, Manganese, Filtration
2:45pm – 3:15pm	Ion Exchange/Softening
3:15pm – 3:30pm	Miscellaneous / Questions
3:30pm	Adjourn