



Class II Water Treatment Operator Certification Preparatory Course

Live In-Person or Virtual Water Operator Certification Training

EJ Prescott's Training Facility

32 Prescott St

Gardiner, ME

24.0 BLWSO TCHs/DEP TCHs

This four-day training program is designed to provide water professionals with the foundational and advanced knowledge required to pass the Water Treatment Operator Class II Certification Exam (based on the **Water Professionals International (WPI)** Need-to-Know criteria). The course utilizes content compiled from the leading industry references, including those from **California State University, Sacramento (CSUS)** and the **American Water Works Association (AWWA)**.

The curriculum covers five core content areas—Treatment Process, Equipment Operation & Maintenance, Laboratory Analysis, Source Water Characteristics, and Administrative/Safety Procedures—with an emphasis on practical application and troubleshooting. Each day will devote time to mastering essential water math concepts, followed by relevant water math practice, ensuring participants are prepared for the calculation portions of the exam.

Course Dates:

Thursday, October 15, 2026: Basic Microbiology & Chemistry, Regulations, Water Sources and Treatment Options, Groundwater Quality and Wells, Surface Water Sources & Treatment, Treatment Plant Pretreatment and Math Review & Practice. Follow-up Reading: G1 Chapters 1, 3, 4, 5, 6, & 7. G2 Chapters 1, & 3.

Tuesday, October 20, 2026: Coagulation & Flocculation, Sedimentation & Clarification, Filtration Fundamentals, Water Disinfection, Iron and Manganese Treatment, Fluoridation and Math Review & Practice. Follow-up Reading: G1 Chapters 8, 9, 10, 11, 12, & 13. G2 Chapters 4, 5, 6, 7, 8, & 9.

Thursday, October 22, 2026: Laboratory Procedures and Water Quality Testing, Corrosion Control & Water Stabilization, Lime-Soda Ash Softening, Specialized Treatment Processes, Taste and Odor Control, Plant Waste Treatment and Disposal, and Math Review & Practice. Follow-up Reading: G1 Chapters 14, 15, 16, & 17. G2 Chapters 10, 11, 12, 13, 14, 15, 16, & 17.

Tuesday, October 27, 2026: Pumping Systems, Electrical Systems, Instrumentation & Control, Safety & Security, Administration, Records, & Reporting and Math Review & Practice. Follow-up Reading: G1 Chapters 18, 19, 20, & 21, G2 Chapters 18, 19, 20, & 21.

All classes will run from 8:00am to 3:30pm. **Breakfast & lunch are provided.**

Course Textbooks:

We recommend students purchase these textbooks for use with this course: AWWA Water System Operations (WSO)

[WSO Water Treatment Grade 1](#)

[WSO Water Treatment Grade 2](#)

Course Fees:

MWUA member \$550

Non-member: \$675

Instructor:

Tom Bahun, Co-Owner of Tom's Water Solutions LLC, having spent most of his 30 + year career working with water/wastewater professionals. He has served in many roles and most of his experience revolves around work-place safety, emergency preparedness, and technical assistance and training. He is a Certified Instructional Trainer (CIT), holds a Maine Class IV Water Treatment and Distribution Operator license, and a Grade 5 Wastewater Treatment Operator license. Tom is best known for his exceptional and straightforward training abilities helping many water and wastewater professionals with their educational needs.

Photo Release: I hereby give MWUA consent to record, videotape and photograph my image and/or voice to be used on the MWUA website, accessible to the public, social media posts and/or the MWUA newsletter. I understand that no special compensation will be provided to me for use of my image and that I may not be informed in advance of the specific use of my image.

ADA Compliance/Dietary Needs: Please notify us in advance if you have additional physical or dietary needs, so that we can assure your comfort and full participation.

Cancellations: Due to costs incurred by the Association, if you must cancel, we request that you do so at least 7 business days before a scheduled class/event. You may cancel by phone or by email, program@mwua.org or mking@mwua.org. Refunds will not be provided if you do not cancel at least 7 business days before the class/event.