



MWWA OPERATOR EXAM PREREQUISITE COURSE  
**Concepts & Practices of Basic Drinking Water Treatment**  
**Remote Class via Zoom**  
MWWA Course ID #EXM-2012-06

This is a 12-week state-approved course that is being taught remotely using the Zoom format. The course is designed to provide students with the general concepts of drinking water treatment processes. Taking and passing this course is a prerequisite for taking the Massachusetts Grade 2 Drinking Water Operator Treatment License Exam.

Participants will meet using Zoom for 3 ½ hours each week to learn the following concepts: source water protection & management, hydrology, basic math and chemistry, regulations, water sampling & analysis, hydraulics, treatment processes, equipment operation and maintenance, safety, and administrative duties. *(Note: basic math knowledge is required for this course. Individuals not comfortable with math concepts should consider taking a math course before taking this course.)*

Upon successful completion of this course a “Certificate of Completion” will be issued along with a Certificate for up to 37 Training Contact Hours (TCH). Successful completion requires achieving a final score of 70 points through a combination of attendance and active participation (must attend minimum of 10 classes, must participate in polls), homework, midterm exam and final exam. *(Note: Certificates will only be issued when full payment has been received)*

This course is being taught using the Zoom platform. Participants will need to have a reliable highspeed internet connection and computer device **with both video and audio** capability. Please see our Virtual Training Student Expectations at [www.masswaterworks.org/education](http://www.masswaterworks.org/education). *(Note: An optional practice session will be held on Monday morning Sept. 18<sup>th</sup> @ 8:00 AM for anyone not familiar with using Zoom)*

**LOCATION:** Remote Training via Zoom  
**DATES:** Tuesdays, Sept. 19<sup>th</sup> – Dec. 19<sup>th</sup>, 2023 (no class 10/3, 11/21)  
**TIME:** 8:00 – 11:30 AM  
**INSTRUCTOR:** Dan Laprade, MWWA Training Coordinator  
**COST:** Course = \$900 This course requires the following two textbooks that can be purchased from MWWA:  
“Water Treatment Plant Operations”, Vol 1, 7<sup>th</sup> Ed., Sacramento State University, (\$90)  
“Water Treatment Plant Operations”, Vol 2, 7<sup>th</sup> Ed., Sacramento State University, (\$90)  
*Textbooks and course binder can either be picked up at the MWWA office by prior arrangement (693 Mass. Ave., Acton, MA) or shipped to the student for an additional fee of \$20.*

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**Registrations must be done on-line ([www.masswaterworks.org](http://www.masswaterworks.org)).** If you need registration assistance, please email [adminmwwa@masswaterworks.org](mailto:adminmwwa@masswaterworks.org) or call 978-263-1388.

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*See next page for the refund policy and student information release*

**WITHDRAWALS AND REFUNDS:**

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| 1. Withdraw before course materials are shipped                      | Full refund |
| 2. Withdraw after the materials are shipped and/or after first class | 90% refund  |
| 3. Withdraw after second class                                       | 50% refund  |
| 4. Withdraw after third class  | No refund   |

*(Note: Refund is for the course fee only. No refund for the textbooks/shipping fee unless withdrawal is before the textbooks are shipped).*

**Photograph/Video Release Agreement:**

Each weekly Zoom class is recorded. Participation in this course constitutes an agreement by the attendee to allow the Massachusetts Water Works Association (MWWA) to use and distribute of the participant's image in any MWWA-related publication or social media site.