



RECOMMENDED COURSE GUIDE – Fall 2025

NEIWPCC Massachusetts Wastewater Operator Training (MWOT) Program

The Board of Wastewater Operator Certification provides training courses to assist operators in preparing for all grades of municipal, industrial, and combined exams. For Fall 2025, this MWOT Program will be offered virtually through NEIWPCC. This program is also offering an in-person Intermediate Wastewater course and an in-person Basic Industrial Wastewater course. You can view and register for all courses via the following link: <https://payments.neiwpcc.org/>

These courses are being offered as a resource to build a custom wastewater syllabus for each individual. **Students are not required to take every class offered by this program.** Students should select those courses needed to gain sufficient depth of knowledge on topics likely to be seen on their respective exams.

There are many additional exam preparation opportunities, including other online training providers, correspondence courses, study guides, vendor training, YouTube videos, and contacting experienced wastewater professionals and association members (e.g., MAWEA). It may take a combination of training approaches to prepare for a wastewater certification exam. If you know of additional training opportunities that can supplement the courses listed below, please contact John Murphy of MassDEP (john.j.murphy@mass.gov, 617-352-3375).

The following tables offer a guide to selecting NEIWPCC courses for each grade of the Massachusetts operator exam. Most course content is also applicable for other states. Operators are also encouraged to take any other classes on our training calendar.

MUNICIPAL GRADES 1 & 2 (LIVE VIRTUAL)

Class name	Date	Time	TCHs
Introduction to Municipal Wastewater Treatment	9/2/2025	8:30 AM - 11:30 AM	3
Basic Wastewater Math - Part I	9/9/2025	8:30 AM - 11:30 AM	3
Basic Wastewater Math - Part II	9/9/2025	12:30 PM - 3:30 PM	3
Massachusetts Wastewater Regulations & Certification Overview	9/16/2025	8:30 AM - 11:30 AM	3
Introduction to Collection Systems	9/17/2025	8:30 AM - 11:30 AM	3
Introduction to Pumps - Part I	9/24/2025	8:30 AM - 11:30 AM	3
Basic Municipal Wastewater - Preliminary & Primary Treatment	9/30/2025	8:30 AM - 11:30 AM	3
Introduction to Pumps - Part II	10/1/2025	8:30 AM - 11:30 AM	3
Water Quality & NPDES Permitting	10/2/2025	8:30 AM - 11:30 AM	3
Basic Municipal Wastewater - Secondary Treatment - Part I	10/7/2025	8:30 AM - 11:30 AM	3
Introduction to Water & Wastewater Laboratory	10/10/2025	8:30 AM - 11:30 AM	3
Basic Municipal Wastewater - Secondary Treatment - Part II	10/14/2025	8:30 AM - 11:30 AM	3
Basic Municipal Wastewater - Disinfection	10/21/2025	8:30 AM - 10:30 AM	2
Basic Municipal & Industrial Wastewater - Solids Handling	10/29/2025	8:30 AM - 11:30 AM	3
Wastewater Safety	11/5/2025	8:30 AM - 11:30 AM	3

Courses highlighted in gold are offered in-person in Lowell, MA

MUNICIPAL GRADES 3 & 4 (IN-PERSON)

Class name	Dates	Time	Location	TCHs
Intermediate Municipal Wastewater (In-Person)*	10/1, 8, 15, 22, 29	8:30 AM - 3:30 PM	Millbury, MA	30

* Prerequisite: attending live virtual Basic Math Part I (9/9/25) and Basic Math Part II (9/9/25) is strongly recommended prior to this class.



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MUNICIPAL GRADES 3 & 4 (LIVE VIRTUAL)

Class name	Date	Time	TCHs
Massachusetts Wastewater Regulations & Certification Overview	9/16/2025	8:30 AM - 10:30 AM	2
Introduction to Pumps - Part I	9/24/2025	8:30 AM - 11:30 AM	3
Introduction to Pumps - Part II	10/1/2025	8:30 AM - 11:30 AM	3
Water Quality & NPDES Permitting	10/2/2025	8:30 AM - 11:30 AM	3
Basic Municipal Wastewater - Secondary Treatment - Part I	10/7/2025	8:30 AM - 11:30 AM	3
Introduction to Water & Wastewater Laboratory	10/10/2025	8:30 AM - 11:30 AM	2
Basic Municipal Wastewater - Secondary Treatment - Part II	10/14/2025	8:30 AM - 11:30 AM	3
Basic Municipal Wastewater - Disinfection	10/21/2025	8:30 AM - 10:30 AM	2
Laboratory Analyses - pH & Total Residual Chlorine	10/23/2025	8:30 AM - 11:30 AM	3
Intermediate Wastewater Math - Part I	10/28/2025	8:30 AM - 11:30 AM	3
Intermediate Wastewater Math - Part II	10/28/2025	8:30 AM - 11:30 AM	3
Basic Municipal & Industrial Wastewater - Solids Handling	10/29/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - Biochemical Oxygen Demand & Dissolved Oxygen	10/30/2025	8:30 AM - 11:30 AM	3
Wastewater Safety	11/5/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - Bacteria	11/13/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - Solids	11/20/2025	8:30 AM - 11:30 AM	3

Courses highlighted in gold are offered in-person in Lowell, MA

INDUSTRIAL GRADES 1 & 2 (LIVE VIRTUAL)

Class name	Date	Time	TCHs
Basic Wastewater Math - Part I	9/9/2025	8:30 AM - 11:30 AM	3
Basic Wastewater Math - Part II	9/9/2025	8:30 AM - 11:30 AM	3
Introduction to Industrial Wastewater Treatment	9/10/2025	8:30 AM - 11:30 AM	3
Massachusetts Wastewater Regulations & Certification Overview	9/16/2025	8:30 AM - 10:30 AM	2
Introduction to Pumps - Part I	9/24/2025	8:30 AM - 11:30 AM	3
Introduction to Pumps - Part II	10/1/2025	8:30 AM - 11:30 AM	3
Basic Industrial Wastewater - Characteristics & Chemistry	10/8/2025	8:30 AM - 11:30 AM	3
Introduction to Water & Wastewater Laboratory	10/10/2025	8:30 AM - 11:30 AM	3
Basic Industrial Wastewater - Treatment Processes	10/15/2025	8:30 AM - 11:30 AM	3
Basic Industrial Wastewater - pH Neutralization	10/22/2025	8:30 AM - 11:30 AM	3
Basic Municipal & Industrial Wastewater - Solids Handling	10/29/2025	8:30 AM - 11:30 AM	3
Wastewater Safety	11/5/2025	8:30 AM - 11:30 AM	3

INDUSTRIAL GRADES 1 & 2 (IN-PERSON)

Class name	Dates	Time	Location	TCHs
Basic Industrial Wastewater (In-Person)	9/30, 10/7, 14, 21	8:30 AM - 3:30 PM	Millbury, MA	24



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INDUSTRIAL GRADES 3 & 4 (LIVE VIRTUAL)

Class name	Date	Time	TCHs
Massachusetts Wastewater Regulations & Certification Overview	9/16/2025	8:30 AM - 10:30 AM	2
Introduction to Pumps - Part I	9/24/2025	8:30 AM - 11:30 AM	3
Introduction to Pumps - Part II	10/1/2025	8:30 AM - 11:30 AM	3
Introduction to Water & Wastewater Laboratory	10/10/2025	8:30 AM - 11:30 AM	3
Intermediate Wastewater Math - Part I	10/28/2025	8:30 AM - 11:30 AM	3
Intermediate Wastewater Math - Part II	10/28/2025	8:30 AM - 11:30 AM	3
Wastewater Safety	11/5/2025	8:30 AM - 11:30 AM	3
Advanced Industrial Wastewater - Treatment Processes - Part I	11/12/2025	8:30 AM - 11:30 AM	3
Advanced Industrial Wastewater - Treatment Processes- Part II	11/19/2025	8:30 AM - 11:30 AM	3
Electricity, Motors, & Horsepower	12/3/2025	8:30 AM - 11:30 AM	3
Advanced Pumps & Hydraulics	12/10/2025	8:30 AM - 11:30 AM	3
Advanced Laboratory Procedures	12/18/2025	8:30 AM - 11:30 AM	3

COMBINED GRADES 5 & 6 (LIVE VIRTUAL)

Class name	Date	Time	TCHs
Massachusetts Wastewater Regulations & Certification Overview	9/16/2025	8:30 AM - 10:30 AM	3
Water Quality & NPDES Permitting	10/2/2025	8:30 AM - 11:30 AM	3
Basic Industrial Wastewater - pH Neutralization	10/22/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - pH & Total Residual Chlorine	10/23/2025	8:30 AM - 11:30 AM	2
Intermediate Wastewater Math - Part I	10/28/2025	8:30 AM - 11:30 AM	3
Intermediate Wastewater Math - Part II	10/28/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - Biochemical Oxygen Demand & Dissolved Oxygen	10/30/2025	8:30 AM - 11:30 AM	3
Advanced Municipal Wastewater - Treatment Technologies	11/4/2025	8:30 AM - 11:30 AM	3
Wastewater Safety	11/5/2025	8:30 AM - 11:30 AM	3
Advanced Industrial Wastewater - Treatment Processes - Part I	11/12/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - Bacteria	11/13/2025	8:30 AM - 11:30 AM	3
Advanced Municipal Wastewater - Activated Sludge	11/18/2025	8:30 AM - 11:30 AM	3
Advanced Industrial Wastewater - Treatment Processes- Part II	11/19/2025	8:30 AM - 11:30 AM	3
Laboratory Analyses - Solids	11/20/2025	8:30 AM - 11:30 AM	3
Advanced Municipal Wastewater - Process Control & Troubleshooting	11/25/2025	8:30 AM - 11:30 AM	3
Advanced Municipal Wastewater - Biological Nutrient Removal	12/2/2025	8:30 AM - 11:30 AM	3
Electricity, Motors, & Horsepower	12/3/2025	8:30 AM - 11:30 AM	3
Advanced Municipal Wastewater - Solids Handling	12/9/2025	8:30 AM - 11:30 AM	3
Advanced Pumps & Hydraulics	12/10/2025	8:30 AM - 11:30 AM	3
Advanced Municipal Wastewater - Administration, Management, & Finance	12/16/2025	8:30 AM - 11:30 AM	3
Advanced Laboratory Procedures	12/18/2025	8:30 AM - 11:30 AM	3



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ADDITIONAL TRAINING OPPORTUNITIES

Please note that this is not a comprehensive list of available wastewater operator training. There are many other training providers and opportunities available.

SELF-STUDY COURSES

- Sacramento State – Water Programs: <https://www.owp.csus.edu/courses/wastewater.php>
- Water Environment Federation (Wastewater Treatment Fundamentals):
<https://www.wef.org/resources/publications/books/>
- CEUPlan.com
- RoyCEU.com
- SkillWorks.com
- Clear-Water-Consulting.com

OTHER WASTEWATER TRAINING PROVIDERS IN NEW ENGLAND

- Clear Water Consulting
- Falcone Environmental Services
- NEWWTA
- Peterson School
- Practical Applications
- Tighe & Bond
- Wastewater Technology Trainers
- Weston & Sampson
- Local colleges, universities, and community colleges