



MWWA MEETING & EDUCATION SEMINAR

Operator Certification Exam Review Seminar

Treatment 1 & 2 and Distribution 1 & 2

Course ID # MWWA 08-004

The Massachusetts Water Works Association is offering a review seminar for both the Treatment 1 & 2 and Distribution 1 & 2 Certification Exam for Operators of Drinking Water Supply Facilities. The seminar will include a group session in the morning covering topics relative to both disciplines including Regulations, Math, Disinfection and Safety. Groups will split in the afternoon into Distribution and Treatment classifications according to the discipline registered for below. Each presentation will provide a review of topics specific to that discipline followed by a Question and Answer session to prepare for the exam. Attendees will receive a copy of the ABC Formula/Conversion Table that is allowable to use during the exam as well as a copy of Montana State University's "Operator Basics Training Series" CD for study purposes. Attendees completing this seminar will be awarded **0.6 CEUs** (Equivalent to 6.0 Training Contact Hours). **Attendees should bring a calculator to the class.**

LOCATION: MassDEP Southeast Region Main Office
20 Riverside Drive, Lakeville, MA
DATE: Wednesday, February 24, 2010
TIME: 8:00 a.m. - 4:00 p.m.
INSTRUCTORS: Andrew Reid, P.E., BCEE, AECOM
Daniel Laprade, P.E., MassDEP Drinking Water Program
Robert Worthley, Water Treatment Manager, Westford Water Department

AGENDA: 8:00 – 8:20 a.m. **Registration/Welcome/Housekeeping**
Morning Session Topics
8:20 – 10:15 a.m. • Regulations
• Sampling & Analysis
• Math Review Basics
• Water System Hydraulics
10:15 - 10:30 a.m. Break
10:30 – 12:00 p.m. • Safety & Security
• Disinfection
• Tanks and Pumps
• Overview of On-Line Exam
12:00 - 12:45 p.m. Lunch (will be provided)

Afternoon Check-In: Groups will split at this time

Treatment Session Topics

12:45 -2:15 p.m. Hydrologic Cycle,
Source Water Issues,
Treatment Processes
2:15 - 2:30 p.m. Break
2:30 - 3:45 p.m. More Treatment Math

Distribution Session Topics

12:45 -2:15 p.m. Types of Valves, Hydrants,
Meters, Pipes and
Maintenance of Each
2:15 - 2:30 p.m. Break
2:30 - 3:45 p.m. More Distribution Math

ATTENDANCE POLICY: Participants must attend 90% of the program and complete a session evaluation form to be eligible for CEUs.

**PLEASE COMPLETE AND MAIL/FAX THE REGISTRATION FORM
ON THE BACK OF THIS NOTICE**

For more information call Michele Murch at (978) 263-1388

