



# Water Treatment and Distribution

## COURSE OVERVIEW

*Water Treatment and Distribution* is a mandatory component of the Small Water System Operator Training Program. The course identifies and describes the stages in the conventional water treatment process and the basic components of the water distribution system

## Learning Objectives

Upon completion of the course, participants will be able to:

- Provide a general explanation of each step in the water treatment process including intake screening, pre-treatment, clarification, softening and stabilization, filtration, fluoridation and disinfection
- Know the types of tanks used for water storage and the general inspection and maintenance requirements related to water storage
- Identify and describe the basic components of a water distribution system including valves, pipes, pumps, meters, and cross connections
- Identify general operation and maintenance practices required for effective water treatment and distribution systems

## Evaluation Process

To complete the course, there is a mandatory online test. Participants must achieve 100% on the test in order to download/print a *Certificate of Completion* and receive course credit towards completion of the Small Water System Operator Training Program. Those who do not pass the test will be instructed to review course content before re-testing, and will be allowed to re-test as often as necessary to achieve the required score (100%). Test questions are randomly selected from a test bank, making each testing experience unique.

## Course Duration

This online course is self-paced. Participants may leave the course at anytime and can resume where they left off. The duration will depend on the individual participant, their learning style, and their prior knowledge of the subject matter. Most participants will be able to complete the course in one hour or less.