

# Water



## COURSE OVERVIEW

### Synopsis

*Water* is a mandatory component of the Small Water System Operator Training Program. This course examines the water cycle, water sources, water contaminants, and the water characteristics that determine if water is meeting quality requirements

### Learning Objectives

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

- Explain the hydrologic cycle
- Know the sources of drinking water and the similarities and differences between surface water and groundwater
- Recognize the requirements for drinking water quality, as identified by the *Canadian Guidelines for Drinking Water*
- Identify the various contaminants commonly found in water, including microbiological contaminants and chemical contaminants
- Understand the terms used to describe water characteristics, including: pH, alkalinity, TDS, conductivity, hardness, and colour

### Evaluation Process

*Water* is a two-module course. At the end of each module there is a mandatory online test. Participants cannot move from module 1 to module 2 without passing the module 1 test. Participants must achieve 100% on both module 1 and module 2 testing 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 a test will be instructed to review module 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 1-2 hours.