

Course Title: **Drinking Water Source Protection for Groundwater Systems**

Contact Hours: 7 hours

CEU Value: 0.7 CEUs

Course Description:

This course will provide participants with a general understanding of drinking water source protection for groundwater systems. It is based on the Clean Water Act (2006) and associated regulations and Directors Rules.

Topics of discussion will include:

- Introduction to geology and hydrogeology for source protection
- Waterborne pathogens, survival and transport in groundwater systems
- Groundwater under the direct influence of surface water (GUDI)
- Introduction to the Clean Water Act
- The Assessment Report (Directors Rules, December 2008)
- Thoughts on the Development and Implementation of a Drinking Water Source Protection Plan

Target Audience:

This course is directed to water operators experienced with groundwater systems, supervisors, managers, compliance officers, engineers and consultants. The course is also valuable for project managers, senior management and municipal councilors.