

Course Title: **Groundwater, Wells and Well Pumps**

Contact Hours: 11.0

CEU Value: 1.1

Course Description:

This course will provide participants with a general understanding of the occurrence and nature of groundwater; how wells are designed and constructed; groundwater quality and wellhead protection; and pumps and well maintenance.

Topics of discussion will include:

- Groundwater: an incredible resource
- Groundwater quality, GUDI and wellhead protection
- Municipal well design and construction
- Pump selection and installation
- Evaluation of well yield, well and pump performance testing.
- Well pump performance testing and maintenance
- Causes of well yield decline
- Well maintenance case studies
- How to establish a well and pump preventative maintenance program