

BASIC DRINKING WATER CHEMISTRY

Many water system operators, unless they work in the laboratory of a larger water system, do not know what many of the water quality parameters are that they test for on a regular basis. However knowing these items is essential to making treatment decisions and answering questions by your boards and your customers. This course will teach you the basics of water quality chemistry and how it affects you and your system. It will also make you look more professional in the eyes of your fellow operators, the board, and your customers.

The Class Agenda

8:30 am	Introduction, The Water Cycle, and Temperature
9:25 am	pH and Specific Conductance
10:00 am	Break
10:10 am	Turbidity and Dissolved Oxygen
11:05 am	Hardness
12:00 pm	Lunch
1:00 pm	Suspended Solids and Total Dissolved Solids
1:55 pm	Alkalinity
2:50 pm	Break
3:00 pm	Inorganic Chemicals and Radionuclides
3:55 pm	Volatile Organic Compounds and Synthetic Organic Compounds
4:30 pm	Wrap-up, Certificates, Evaluations