



Water Chemistry Webinar Description

In this class, we look at the chemistry of water treatment. Topics include factors affecting solubility, how to compare different chemicals, how to calculate chemical costs, types of water softening, coagulants, polymers, pH, acids & bases, alkalinity, chemical safety, chlorination, UV disinfection, chemistry of corrosion, corrosion inhibitors, and how to determine the corrosivity of water. There will be an exercise on determining actual chemical costs which is different than the cost of the chemical, so operators can make better decisions about which chemicals to use. There will be a strong emphasis on how each chemical factor affects other factors. (For example, how pH affects coagulation, softening, disinfection, and corrosion). Operators will learn important chemical principles that they can apply in their own plants to make better treatment decisions.