



Elements of Treatment Webinar Outline

9:00 to 10:30

Hydrogen: Water, Acids, & Bases

Carbon: Polymers, Activated Carbon, & Nanoparticles

Nitrogen: Ammonia, Nitrites, Nitrates, & Biocides

Oxygen: Oxidation, Ozone, Hypochlorite, & Peroxide

Fluorine: Sodium Fluoride, Sodium Fluorosilicate, & Fluorosilicic Acid

Sodium: Sodium Chloride, Sodium Hydroxide, & Sodium Hypochlorite

Magnesium: Magnesium Hydroxide & Hardness

Aluminum: Alum, PAC, Aluminum Chlorohydrate, & Sodium Aluminate

Silicon: Diatomaceous Earth, Bentonite Clay, & Nanoparticles

Phosphorus: Phosphoric Acid, Orthophosphate, & Hexametaphosphate

Sulfur: Sulfides, Sulfur Dioxide, Metabisulfite, & Bisulfite

Chlorine: Chlorine, Hypochlorite, & Chloramines

10:30 to 10:45

Break

10:45 to 12:15

Calcium: Calcium Chloride, Calcium Hydroxide, & Calcium Oxide

Chromium: Sodium Dichromate & Chromic Acid

Manganese: Potassium Permanganate & Manganous Dioxide

Iron: Ferric Chloride, Ferrous Chloride, and Other Iron Based Coagulants

Copper: Copper Sulfate

Bromine: Bromine, Hypobromite & Bromine Chloride

Silver: Copper Silver Ionization

Lanthanum & Cerium: Cerium Chloride & Lanthanum Chloride

Mercury: Stormwater & Snow

Lead: Pipes, Solder, & Tetraethyl Lead

Radon & Radioisotopes: Technetium-99, Molybdenum-99, & Fluorine-18