Walters environmental consulting, inc.

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