

PFAS Treatment Options, Alternatives and Considerations Course Agenda

1. What is PFAS
 - a. Chemical properties
 - b. Uses and sources
 - c. PFAS cycle
2. The purpose behind PFAS regulation
 - a. Occurrence
 - b. Potential health concerns
 - c. Current regulations
 - d. Sampling procedures
 - e. Actions/Treatment options
 - f. Resources for assistance
3. Sampling
4. Treatment Alternatives
 - a. GAC
 - b. IX
 - c. Novel Adsorbents
 - d. Membranes
 - e. Blending
 - f. Bench-scale and pilot testing
 - g. Treatment selection
 - h. Future treatments
5. Considerations
 - a. PFAS levels
 - b. Criticality of source
 - c. Volume of water
 - d. Cost
 - e. Treatment technology
 - f. Permanent vs mobile installations
 - g. Designer experience
6. Approaches by other water utilities
7. Resource for assistance and funding
8. PFAS Quiz