

Activated Sludge Process Control

Developed and Delivered by:

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Training Date: TBD

Location: Various

Class Time: 7 Hours / 0.7 CEUs

Training Topics

- **Microbiology of Activated Sludge (1 hours)**
 - How Activated Sludge Works
 - Respiration
 - Growth Pressures
- **Nitrification and Denitrification (2 hours)**
 - Nitrification
 - Denitrification
- **Process Control Tests (2 hours)**
 - Settleometer
 - Oxygen uptake
 - Use of the microscope
 - Data: Looking for direct and indirect correlations
- **RAS and WAS Control (2 hour)**
 - RAS mass balance with statepoint control
 - WAS management

Total Classroom Hours: 7