

ACTIVATED SLUDGE BNR PROCESS CONTROL: HANDS-ON IN THE REAL WORLD

DESCRIPTION:

This comprehensive workshop is presented by leading practitioners, sharing their experiences in an interactive environment. The all-star cast of presenters will cover Activated Sludge/BNR basics and then focus on solving the practical design problems that have plagued many systems. Process control parameters, side-stream considerations, and tips for identifying microorganisms and establishing a healthy biomass will all be part of the day's demonstrations. The format is informal and real-life examples and questions are welcomed. Note, the workshop is held outdoors at a wastewater treatment plant.

SPEAKER LIST

- **Douglas Nelson**, Milwaukee School of Engineering
- **Paul Krauth**, Statepoint Engineering
- **Nathan Cassity**, Donohue and Associates
- **Eric Lynne**, Donohue and Associates
- **Jeffrey MacDonald**, Milwaukee School of Engineering
- **Dave Redmon**, Redmon Engineering
- **John Esler**, Clarifiers Inc.
- **Steve Myers**, Hach

AGENDA:

TIME	TOPIC	SPEAKER
10 minutes	Introduction and Check-in	Douglas Nelson
30 minutes	Oxidation Reduction (ORP) and Alkalinity	Nathan Cassity and Eric Lynne
30 minutes	Microscopy	Jeffrey MacDonald
25 minutes	Breakout Small Group Q&A	
10 minutes	Break	
30 minutes	In-Situ Nutrient Management	Paul Krauth and Steve Myers
30 minutes	In-Situ Aerator Oxygen Measurement	Dave Redmon
15 minutes	Breakout Small Group Q&A	
10 minutes	Break	
30 minutes	Troubleshooting Secondary Clarifiers	John Esler
10 minutes	Wrap-up	Douglas Nelson