



Tuesday October 14th, 2025

10:00 AM to 11:30 AM

CSWEA Operator Training Course: Activated Sludge II

OVERVIEW

This program explains further the basis for specific process control strategies, the calculations used to implement them and the sampling programs to support them.

There is minimal overlap between this course and Activated Sludge I, and while taking Activated Sludge I is highly recommended, it is not a prerequisite for Activated Sludge II. Therefore, this class can be considered a 'standalone' option.

WARNING: This course is not for beginners in the wastewater treatment profession or those who have not been exposed to the activated sludge process in their job.

AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Sequencing Batch Reactor
- Trickling Filters
- Rotating Biological Contactor
- Review on Activated Sludge
- Waste Activated Sludge
- Return Activated Sludge
- Nitrogen and Phosphorus Removal
- Math Problems

12:00 pm Adjourn



CONTINUING EDUCATION

1.5 CEUs for Operators in Illinois, Wisconsin & Minnesota.
Operator ID/Quiz required for webinar.

1.8 PDHs for all Professional Engineers



COST

\$35 – Members (Discount Code: CSWEA)

\$40 – Non-Members

\$10 – Student (Discount Code: Student)

\$10 – International (Discount Code: International)

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CENTRAL STATES WATER ENVIRONMENT ASSOCIATION
OPERATOR TRAINING PROGRAM



OPERATOR TRAINING PROGRAM

Instructor:



Dennis Haile

Dennis is the Operations Supervisor at Wheaton Sanitary District in Wheaton, IL. He has been in the Wastewater field since 2001 starting at Kishwaukee WRD where he worked in operations, maintenance, collections and laboratory. Dennis has been at WSD since 2017 first as Operations Foreman then Operations Supervisor. Dennis holds a Class 1 and a Collections Certification. In his free time Dennis enjoys Biking, Running, Snow and Water skiing and other outdoor activities with his family.

