



Thursday March 16th, 2023

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

\$20 – Members (Discount Code: CSWEA)

\$25 – Non-Members

\$5 – Student (Discount Code: Student)

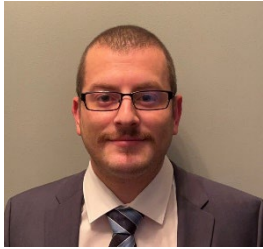
\$5 – International (Discount Code: International)

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Instructor:

Mark Streich



Mark is an Operator at the Reeves Water Reclamation Facility in Bloomingdale, Illinois. He holds a Bachelor's degree in Finance from Northern Illinois University and a Class 1 ILEPA Wastewater License. Mark currently operates activated sludge systems and digestion processes, works in the laboratory, as well as a variety of other process trains while also assisting with maintenance. He is an active member of the CSWEA Illinois Chapter's Operations and Safety Committee and is also a member of FVOA and IAWPCO. In his free time Mark enjoys weightlifting and playing bass guitar.