



OPERATOR TRAINING PROGRAM

Tuesday April 28th, 2026

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



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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)

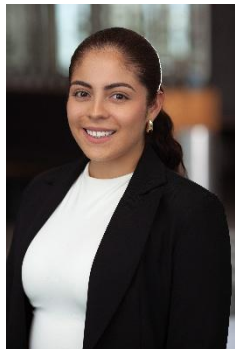
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OPERATOR TRAINING PROGRAM

Instructor:



Guissel Davila

Guissel Davila is a water/wastewater engineer with about 7 years of experience working in water/wastewater projects. Guissel graduated from Milwaukee School of Engineering in 2019, where she was part of the CSWEA design team that participated annual Midwest design competition, and in WEFTEC. Guissel started her career with Baxer and Woodman in 2019 as a wastewater process engineer working on various wastewater projects for municipalities in Illinois. In 2023 she transitioned to AECOM in the role of water/waste engineer working primarily on the construction of a new digestion facility and the design of a new CHP system. In 2024 she received her Professional Engineer Certification by the Illinois and Michigan board. Guissel is currently finalizing her project management certification at AECOM and serving as a deputy project manager for projects in Illinois and in Michigan. Guissel is passionate about the wastewater industry and using education to promote sanitation awareness. Guissel enjoys traveling and trying out new restaurants and staying active.

