



Wednesday November 29<sup>th</sup>, 2023

10:00 AM to 11:30 AM

## CSWEA Operator Training Course: Fundamentals of Solids Handling

### OVERVIEW

All plants are required to remove solids from their influent. There is a broad spectrum of approaches and methods for handling solids.

There is a difficult issue related to solids handling for individuals taking Wastewater Operator Certification exams. Questions related to this topic are included on the exams. No treatment facility is going to use all the various methods; therefore, individuals can find it difficult to answer questions about solids handling methods not used at their place of work.

Because of the dynamic of this topic, this course will serve as an invaluable part of review and preparation for all levels of Wastewater Operator Certification exams.

### AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Primary and Secondary Solids
- Gravity Thickeners
- Sludge Digestion
- Dewatering
- Mechanical Dewatering
- Sludge Disposal
- Common Calculations and Practice Problems

11:30 am 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

\$25 – Members (Discount Code: CSWEA)

\$30 – Non-Members

\$10 – Student (Discount Code: Student)

\$10 – International (Discount Code: International)



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CENTRAL STATES WATER ENVIRONMENT ASSOCIATION  
OPERATOR TRAINING PROGRAM

**Instructors:**

**Mark Streich**



Mark is a Class 1 Operator at the Woodridge Greene Valley Water Reclamation Facility for Dupage County Public Works in Woodridge, 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, 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.

