



Tuesday February 4th, 2025

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

\$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



Instructors:

Luke Markko



Luke is the Superintendent of Public Works in Wauconda, IL. He holds an Associate's Degree in Arts from the College of Lake County and Class 1, Industrial, and Collections wastewater certifications with the Illinois EPA. Luke entered the wastewater field in 1999 at the age of 16 working part time while in High School and College, before taking on wastewater full-time. Luke is a former president of the Fox Valley Operators association and has represented Central States WEA in Operations Challenge at WEFTEC on several occasions and continues to be active in CSWEA committees. When not working, Luke can be found enjoying the outdoors with his family.

