



Tuesday July 12<sup>th</sup>, 2022

10:00 AM to 11:30 AM

## CSWEA Operator Training Course: Fundamentals of Anaerobic Digester Operation and Control

### OVERVIEW

The absence of oxygen makes anaerobic digestion a unique solids management process. Using consistent heat and mixing result in the reduction of solids volume and volatile solids content that creates a stabilized product (biosolids) that is used for alternative disposal methods such as land application as an agricultural fertilizer.

An additional byproduct of this method is the production of methane biogas which, when used with a combined heat and power system, can be a source of renewable energy.

After taking this class, operators will have an improved understanding of the system and strategies, and be better prepared for the day-to-day tasks of completing this portion of the treatment process.-

### AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Process Description
- Description of Facilities
- Management of Operations
- Normal Operations
- Operational Problems
- Data Collection and Laboratory Control
- Maintenance

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

\$20 – Members (Discount Code: CSWEA)

\$25 – Non-Members

\$5 – Student (Discount Code: Student)

\$5 – International (Discount Code: International)

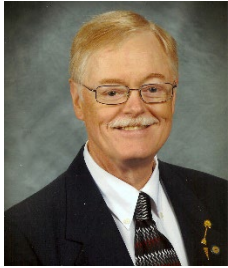
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 GoToWebinar



CENTRAL STATES WATER ENVIRONMENT ASSOCIATION  
OPERATOR TRAINING PROGRAM

## Instructors:



### **Rusty Schroedel**

Rusty Schroedel is a wastewater manager in AECOM's Milwaukee office. He has over 44 years of experience. He is a registered professional engineer in 7 states and is a Board-Certified Environmental Engineer with the American Academy of Environmental Engineers. He holds a BSCE degree from Washington University in St. Louis and a Masters in Environmental Engineering from Northwestern University in Illinois. He has given presentations at local, regional, national, and International conferences.

