



Tuesday June 15th, 2021
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)

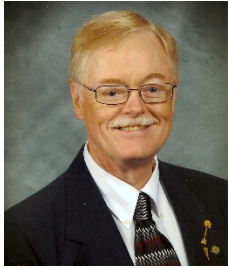
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 **GoToWebinar**



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.

