



Thursday August 24th, 2023
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

\$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:

Jim Mangum

