



Wednesday February 11th, 2026

10:00 AM to 11:30 AM

CSWEA Operator Training Course: Fundamentals of Preliminary & Primary Treatment

OVERVIEW

The path of wastewater is a long and winding one, beginning at its source (domestic, commercial, and industrial) and ending with its clean, safe return to surface water or groundwater where it can take its place in the hydrological cycle. This course picks up the journey of wastewater as it arrives at the plant (influent). The treatment of wastewater includes many crucial components. Improper, ineffective, inefficient handling of influent leads to a multitude of problems as the process continues. This course examines many of the hurdles that must be overcome (the what, when and how) and provides strategies and tools necessary to address those hurdles.

AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Characteristics of Wastewater
- Screening
- Grit Removal
- Pre-Aeration
- Primary Treatment
- Primary and Secondary Clarifiers
- Common Calculations

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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OPERATOR TRAINING PROGRAM

Instructors:



Dennis Haile

Dennis is the Operations Supervisor at Wheaton Sanitary District in Wheaton, IL. He has been in the Wastewater field since 2001 starting at Kishwaukee WRD where he worked in operations, maintenance, collections and laboratory. Dennis has been at WSD since 2017 first as Operations Foreman then Operations Supervisor. Dennis holds a Class 1 and a Collections Certification. In his free time Dennis enjoys Biking, Running, Snow and Water skiing and other outdoor activities with his family.



CENTRAL STATES WATER ENVIRONMENT ASSOCIATION

OPERATOR TRAINING PROGRAM