



Thursday September 23rd, 2021

10:00 AM to 11:30 AM

CSWEA Operator Training Course: Fundamentals of Wastewater Disinfection

OVERVIEW

This course picks up the journey of wastewater as it nears the end of its trail through the treatment plant. This is where the pathogens are removed, preparing the water to be returned to the hydrological cycle in a safe form. Once this component of the process is completed, the water is no longer considered wastewater, but 'final effluent.' This is also the portion of the process that 'protects the public health.' Once the water passes through this stage it must pass a number of rigid tests and comply with numerous state and federal regulations. The importance of having operators well versed in the intricacies of this function cannot be overstated. This course will prepare attendees to perform tasks in this area.

AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Chlorine
- Ultraviolet Systems
- Chlorine Dioxide
- Ozone
- Dechlorination
- Math 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

\$20 – Members (Discount Code: CSWEA)

\$25 – Non-Members

\$5 – Student (Discount Code: Student)

\$5 – International (Discount Code: International)

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CENTRAL STATES WATER ENVIRONMENT ASSOCIATION
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.

