



Thursday October 29th, 2020
10:00 AM to 12:00 PM

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

12:00 pm Adjourn



CONTINUING EDUCATION

2.0 CEUs for Operators in Illinois, Wisconsin & Minnesota.

Operator ID/Quiz required for webinar.

2.4 PDHs for all Professional Engineers



COST

\$20 – Members (Discount Code: CSWEA)

\$25 – Non-Members

\$5 – Student (Discount Code: Student)

\$5 – International (Discount Code: International)

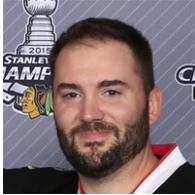
REGISTER [HERE](#)





OPERATOR TRAINING PROGRAM

Instructors:



Mike Holland

Mike is the District Engineer / Asst. District Manager for the Kishwaukee Water Reclamation District in DeKalb, IL. He holds a bachelor's degree in Civil Engineering from the University of Illinois – Urbana/Champaign and master's degree in Public Administration from Northern Illinois University. Mike worked for 9 years as a water/wastewater engineering consultant for Trotter and Associates, Inc. in St. Charles, IL. before coming to work the Kishwaukee Water Reclamation District, where he's been for 7 years. Mike is a registered professional engineering (PE) in Illinois and Wisconsin and an Illinois EPA certified Class 1 Wastewater Operator. He also recently got a dog.



Jason Neighbors

Jason is an Operator 1, working for the Glenbard Wastewater Authority since 2014. Jason has been in the wastewater field since 1993, working as a municipal wastewater operator. Throughout his career he has been blessed to learn and grow with the evolving future of this industry.

