



Wednesday July 12<sup>th</sup>, 2023

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

\$25 – Members (Discount Code: CSWEA)

\$30 – Non-Members

\$10 – Student (Discount Code: Student)

\$10 – International (Discount Code: International)

REGISTER [HERE](#)



## Instructors:



### **Thomas Greybill**

Tom is the Wastewater Operations Supervisor for the City of Naperville's Springbrook Water Reclamation Center overseeing the 26.25MGD design average flow plant. He has been in the industry since May of 2001 and with Naperville since 2005 in a variety of roles in Collection and Pumping, Water Reclamation maintenance, but mostly in Water Reclamation Operations working his way from Operator to Field Supervisor and then finally Supervisor. He has an IEPA Class 1 Wastewater license, Collection license, Class C Water license and Cross-Connection Control Device Inspector license. Tom is a member of the CSWEA Illinois Operations and Safety Committee.

