



**Tuesday January 20<sup>th</sup>, 2026**

**10:00 AM to 11:30 AM**

## **CSWEA Operator Training Course: Purpose & Fundamentals of Wastewater Treatment**

### **OVERVIEW**

This course appropriately begins with the water cycle. It is an overview of the wastewater treatment process, beginning to end. This gives the individual the concepts of the entirety and impact of the work done in treatment plants. This class will be excellent for those new to the profession and those who have had a limited scope of job duties. This will be a unique opportunity of great value to persons providing products and services in the wastewater industry.

### **AGENDA**

**10:00 am Introduction**

**10:05 am Course Topics:**

- Why We Treat Wastewater
- Sources of Wastewater
- Mechanical Equipment
- Collection Systems
- Treatment Plant
- Effluent Disposal
- Basics of Laboratory Analysis
- Health and Safety
- Emerging Issues



**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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CENTRAL STATES WATER ENVIRONMENT ASSOCIATION  
**OPERATOR TRAINING PROGRAM**



## OPERATOR TRAINING PROGRAM

### Luke Markko



Luke is the Superintendent of Public Works in Wauconda, IL. He holds an Associate's Degree in Arts from the College of Lake County and Class 1, Industrial, and Collections wastewater certifications with the Illinois EPA. Luke entered the wastewater field in 1999 at the age of 16 working part time while in High School and College, before taking on wastewater full-time. Luke is a former president of the Fox Valley Operators association and has represented Central States WEA in Operations Challenge at WEFTEC on several occasions and continues to be active in CSWEA committees. When not working, Luke can be found enjoying the outdoors with his family.

