



Tuesday August 16<sup>th</sup>, 2022

10:00 AM to 11:30 AM

## CSWEA Operator Training Course: Wastewater Math I

### OVERVIEW

Math is a basic skill that is necessary for the function of any wastewater plant. This course will cover much of the basic math and calculations used regularly in wastewater treatment.

This course will serve as an excellent part of review and preparation for all levels of Wastewater Operator Certification exams.

### AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Basic Arithmetic
- Area and Volume Measurements
- Detention Time
- Pounds Formula
- Chemical Dose
- Percent Removal Calculations
- Practice Problems
- Conversion Factors and Formulas

11:30 am Adjourn



**OPERATOR TRAINING PROGRAM**

### 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:



### **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.



### **Tom Romza**

Tom has been in the water/wastewater industry for over 10 years. His interest in the industry began at Marquette University where he received degrees in Physics and Civil Engineering. Upon graduation in 2011, Tom spent the first part of his professional career working for RJN Group, where he worked with communities and municipalities to efficiently maintain, identify problems in, and repair/rehabilitate their collections systems. Since 2018, Tom has been working at Glenbard Wastewater Authority as the Assistant Director and Engineer, where he oversees operations, maintenance, and projects that pertain to the wastewater treatment plant and tributary collections system. Tom has been a member of CSWEA for several years and is currently the chair for the CSWEA Illinois Collections System Committee.

