



Tuesday May 15th, 2024
1:30 PM to 3:30 PM
In Person at the 97th Annual Meeting
Renaissance Schaumburg Convention Center
Schaumburg IL

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

1:30 pm Introduction

1:35 pm Course Topics:

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

3:00 pm Exam Certification

3:30 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





Instructors:

Jason Ruffatti



Jason graduated with a B.S. in Civil Engineering at the University of Iowa. He has 5 years of experience as a Water/Wastewater Engineer.

Brent Perz



Brent graduated with a B.S. in Civil Engineering at Iowa State University. He has 20 years of experience as a Wastewater Engineer and Project Manager

