

1 Day Wastewater Math



CECs: 0.6 Wastewater, Technical

You must attend the entire class to earn the CECs

This class will review wastewater math concepts and help prepare you for the Michigan Wastewater License Exams level “C” & “D”

AGENDA Day 1	
8.30am – Noon	Basic Wastewater Math Concepts
Noon	Lunch (provided)
12:45pm – 3:30pm	Math
3:30pm	Adjourn

Topics Covered

1. Percents/Decimals, Solving for X
2. Conversions such as: gallons/cubic feet
3. Area and Volume calculations
4. Measuring flows in channels and pipes
5. Pumping stations, pumping rates
6. Horsepower calculations
7. Clarifier capacity, surface loading rates
8. Sludge pumping rates
9. RBC & Trickling Filter calculations
10. Activated Sludge calculations
11. Aerobic & Anaerobic Digester calculations
12. Chlorine & Chemical Feed calculations
13. Laboratory calculations, BOD, suspended solids, phosphorus, SVI, SDI

Payment/Cancellation Policy: Payment is expected prior to class. Cancellations must be requested 7 business days prior to the start of the class for a full refund. If you cancel less than 7 business days prior to the start of class, there will be a \$50 processing fee per day per attendee. You may send a substitute attendee.