



Two Day Wastewater Math

AGENDA	
8.30am – Noon	Math
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