



"Math Review & Exam Prep for Operators Level 3 & 4" Workshop

Agenda

Puyallup, WA

Instructor: David Stoops

Day 1 – 12/13/2022

Time	Material Covered	
8:00	Welcome & Intro to Workshop	
	Math Review	Fractions, percent, ratios, distance, elevation, units, area, volume, factor labeling, conversions
	Math Review	Understanding, dissecting, & manipulating formulas, "how-to" solve word problems
10:00 – 10:10	Break	
	Operator Math Review & practice of exam style problems	Flow, detention time,
12:00 – 12:40	Lunch	
	Operator Math Review & practice of exam style problems	mg/l to pounds per day, dosage, loading
2:10 – 2:20	Break	
	Operator Math Review & practice of exam style problems	Loading, reduction, inventory
4:00	Adjourn	



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Day 2 – 12/14/2022

Time	Material Covered	
8:00	Questions & Answers from Previous Day	
	Operator Math Review & practice of exam style problems	Velocity, weir overflow, % removal
10:00 – 10:10	Break	
	Operator Math Review & practice of exam style problems	SVI, F/M ratio, surface loading rate,
12:00 – 12:40	Lunch	
	Operator Math Review & practice of exam style problems	MCRT, psi, horsepower, friction loss, pumping cost
2:10 – 2:20	Break	
	Practice exam style math questions addressing all areas of wastewater treatment	
4:00	Adjourn	