



American Water Works Association / Hawai'i Section
Hawai'i Water Environment Association

2025 Pacific Water Conference | February 4-6, 2025
Hawai'i Convention Center | Honolulu, Hawai'i

Water Operator Pre-Conference Tuesday, February 4, 2025

****PROGRAM IS SUBJECT TO CHANGE****

Time	Topic	Title	Presenter
7:00 a.m. to 7:30 a.m.	REGISTRATION		
8:00 a.m. to 12:00 pm	Water Distribution Operator Basics	<p>The first four hours will review water distribution system operator basics with a 10-minute break at the top of each hour.</p> <p>Topics to be covered include: source water basics, ground water well components and terms, drinking water standards, regulations and compliance, disinfection methods, operation plans, cybersecurity basics, and fundamental safety standards</p>	Joy Gannon
12:00 pm to 12:30 pm	LUNCH		
12:30 pm to 12:40 pm	Introduction to Operator Math	Overview of topics to be covered	Caitlyn Leo Research Engineer EFC at Sacramento State
12:40 pm to 1:40 pm	Review of Basic Math Skills	<p>A review of the following concepts needed to perform calculations required for Water Operator level I and II certification:</p> <ul style="list-style-type: none"> • Fractions, percents, decimals • Averages • Order of operations • Common mistakes 	<p>Caitlyn Leo Research Engineer EFC at Sacramento State</p> <p>Carol Kontonickas, PE Research Engineer EFC at Sacramento State</p>
1:40 pm to 1:50 pm	BREAK		
1:50 pm to 2:50 pm	Units and Unit Conversions	An overview of commonly used units and common unit conversion calculations	<p>Caitlyn Leo Research Engineer EFC at Sacramento State</p> <p>Carol Kontonickas, PE Research Engineer EFC at Sacramento State</p>
2:50 pm to 3:00 pm	BREAK		

3:00pm – 4:30pm	Common Water Operator Calculations	An overview of types of calculations needed for Water Operator level I and II certifications: <ul data-bbox="682 283 990 430" style="list-style-type: none">• Area and Volume• Flow and Velocity• Feed and Dosage• Water Pressure Head	Caitlyn Leo Research Engineer EFC at Sacramento State Carol Kontonickas, PE Research Engineer EFC at Sacramento State
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