

2025 OAWU Annual Hood River Conference – ESAC

MONDAY		0.5 W/WW CEU TOTAL	0.6 W CEU TOTAL	DECEMBER 8, 2025
08:45 AM – 12:00 PM	Emerging Contaminants PFOS The class will supply an overview of sources and treatment options as well as current trends in regulations.	0.3	<ul style="list-style-type: none"> • 08:45 – 10:15 Sources of and types of contaminants, levels of concern • 10:15 – 10:30 Break • 10:30 – 12:00 Treatment options that may be best suited for your utility 	Keith Bedell, OAWU W/WW
01:00PM – 03:00PM	Wildland Fire Emergency Response Planning – Pre and Post Fire This 2-hour course will cover your Emergency Response Plan as it relates to Wildland Fire Preparedness and how to respond in the aftermath of the devastation that can occur from Wildland Fire events.	0.2		Scott Berry, OAWU W/WW
09:00AM - 04:00PM	Small Water Operator Certification Course This one-day course will cover the basics of water system operation including waterborne pathogens, water treatment, water sampling and maintenance. In addition, a review of the Safe Drinking Water Act Amendments, the State Revolving Loan Fund, as well as water system security issues. Review of technical, managerial and financial needs of a small system.	0.6		Tim Tice, Scott Berry, OAWU W
TUESDAY		0.725 CEU W/WW TOTAL	DECEMBER 9, 2025	
Time				
07:45 – 08:00 AM	Registration and Introduction			
08:00 – 10:00 AM	0.2	Fundamentals of Ultrafiltration Systems for Water and Wastewater Treatment This presentation will cover a variety of topics, including: <ul style="list-style-type: none"> • Membrane Operating Basics • Membrane Integrity Testing and Repairs • Applications • Case Studies • Ancillary Equipment 		Dr. Dan Dye, WesTech Engineering W/WW
10:00 – 10:15 AM	Break			
10:15 – 12:00 PM	0.175	Water and Wastewater Chemical Feed Pumps Water and Wastewater chemical feed pump application, operations, maintenance and installation. Principles, concepts and pump/system dynamics and challenges with multiphase chemicals		Sean Moriarty, Phil Pelletier, Furrow Pump W/WW
12:00 – 01:00 PM	Lunch Provided			
01:00 – 02:00 PM	0.1	Water and Sewer Rates Fueling Water-Wastewater Budgets. Why is it important to review utility rates? Conducting a utility rate study, ensuring budgets meet both current and future revenue requirements.		Tim Tice, OAWU W/WW
02:00 – 02:15 PM	Break			
02:15 – 03:15 PM	0.1	Funding Your Next Project How to get started and where to look for monies for your system’s next project.		Valerie Egon, Nicole Bailey, Business Oregon W/WW
03:15 – 03:30 PM	Break			
03:30 – 5:00 PM	0.15	How to Work with Your Engineer Communication is a 2-way street when it comes to working with your engineer in achieving a successful project.		Chad McMurry, Mackay Sposito W/WW
WEDNESDAY		0.70 CEU W/WW TOTAL	DECEMBER 10, 2025	
		WATER	WASTEWATER	
08:00 – 9:00 AM	0.1	Water System Surveys Elements of your system survey, significant deficiencies and unmet rule violations.	Industrial Cleaning of Digesters, Clarifiers and Lagoons Techniques of industrial cleaning procedures and managing biosolids. A look at projects scopes, disposal options and miscellaneous items that impact system maintenance and protecting your water source & system.	Josh Seerup, OHA-DWS W Steve Redford, FloHawks Industrial W/WW
9:00 – 9:15 AM	Break			
9:15 – 10:15 AM	0.1	Regulatory Update The latest updates from the Oregon Health Authority Drinking Water Services.	Water and Wastewater Polymers-Who, What, Where How and Why Polymer 101 class involving general information about topics involving coagulants and flocculants.	Kari Salis, OHA-DWS W Charles Scott, SNF Polydyne W/WW
10:15 – 10:30 AM	Break			

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10:30 – 11:30 AM	0.1	Oregon Water Resources: Recent Legislative Updates, What’s New and Upcoming This session will explore four significant changes in Oregon water legislation, highlighting the updates most likely to affect attendees and their work. Kerri Cope, Tamera Smith, OWRD	Advanced Metering Infrastructure An overview of advanced metering infrastructure technologies for both water and wastewater industries. John Thomas, Ferguson WaterWorks	W W/WW
11:30 – 12:00p	0.05	Drinking Water State Revolving Fund Regulatory update on the State of Oregon Drinking Water State Revolving Fund. Alyssa Leidel, DEQ	Hood River Roundtable Open dialogue with drinking water and wastewater operators regarding issues impacting their daily operations. Bill Palmaymesa, OAWU	W W/WW
12:00 – 1:00 PM		Lunch Provided		
01:00 – 02:00 PM	0.1	Fire Hydrant Basics The ins and outs of today’s fire hydrants. Operations and repairs. Also including sewer line flushing and precautions. Vaughn Barber, Kennedy/M&H Valve	Biosolids: The Ins and Outs of Your Solids Management An overview of federal and state regulations, providing an inside view of how DEQ regulates wastewater solids. DEQ requirements in your Biosolids Management Plan and what is needed for site authorization. Pat Heins, Oregon DEQ	W/WW WW
02:00 – 02:15 PM		Break		
02:15 – 03:30 PM	0.125	Pumps 101 Basic hydraulics, pump curves, types of pumps, pump applications. thermology, total dynamic head, brake horsepower, efficiency, application and installation. C. Lee Vernam, Pump Consulting		W/WW
03:30 – 03:45 PM		Break		
03:45 – 05:00 PM	0.125	Training 101 How to implement a training program for your water and/or wastewater utility. Jason Brooks, OAWU		W/WW
THURSDAY		0.475 CEU TOTAL W 0.475 WW 0.475	DECEMBER 11, 2025	
08:00 – 09:30 AM	0.15	Control Valve Function, Maintenance, and Troubleshooting basic hydraulics, valve function, pilot system function, valve components, pressure reducing and relief valves, troubleshooting of common valves. Patrick Miller, Cimco-GC Systems		W/WW
09:30 – 10:00 AM		Break		
10:00 – 12:00 PM	0.2	Emergency Response Planning and High Hazard Rail Protecting your utilities infrastructure from the negative impacts of a High Hazard rail incident. Discussion and case studies presented. Alyssa Leidel, High Hazard Rail Team, DEQ		W/WW
12:00 – 01:00 PM		Lunch Provided		
01:00 – 02:00 PM	0.1	Locating 101 – The Science Behind Tracer Wire and Locating Pipelines This course covers the science and application of locating wire systems for detecting and protecting underground pipelines. Attendees will learn installation, troubleshooting, and the importance of accurate location identification for safety and damage prevention. Patrick Miller, Cimco-GC Systems	pH Sample Procedures for Accurate DMR Reporting Presentation intended to aid in self-monitoring performed by NPDES (National Pollutant Discharge Elimination System) and WPCF (Water Pollution Control Facilities) permit applicants and holders according to requirements in 40 CFR part 122.21 and 40 CFR part 403 Appendix E. Jeffrey Navarro, DEQ	W/WW WW
2:00 – 2:15 PM	0.025	Closing Comments on Utility Leadership Leading your utility to success from a servant leadership model. Bill Palmaymesa, OAWU Staff		W/WW
		Total CEUs Tues - Thur: 1.9		