

Due date: June 9th

MONDAY		0.65 CEU TOTAL		OCTOBER 20,2025	
08:45 AM – 12:00 PM	0.3	Emerging Contaminants PFOS The class will supply an overview of sources and treatment options as well as current trends in regulations. <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 Monty Norris, OAWU <div>W/WW</div>			
01:00PM - 04:30PM	0.35	Risk Assessment and Emergency Response How to complete a risk assessment and be proactive and prepared for an emergency at your water and wastewater system. Scott Berry, Heath Cokely, OAWU <div>W/WW</div>			
TUESDAY		0.7 CEU TOTAL		OCTOBER 21,2025	
Time					
07:15 – 08:00 AM		Registration and Introduction			
08:00 – 10:00 AM	0.2	OSHA Inspections What to expect and how to be prepared for an OR-OSHA inspection. Larry Fipps, OSHA <div>W/WW</div>			
10:00 – 10:15 AM		Break			
10:15 – 12:00 PM	0.175	Innovation and Applications for Progressing Cavity Pumps Many times, progressing cavity pumps are tasked with the most difficult pumping tasks, from mining slurries, to thickened or even dewatered sludges, grit laden materials, or viscous fluids. This talk will go over a brief history of PC pumps, the basic operating principles, some innovations in design to prolong life, and some examples of applications that can be helpful in operations for water and wastewater plant operators. Robert Smith, Treatment Equipment Co. <div>W/WW</div>			
12:00 – 01:00 PM		Lunch Provided			
01:00 – 02:15 PM	0.125	Eyes and Ears on Your Water Systems This Class will explain solutions for leak detection programs and pressure and flow monitoring that allow water operators to reduce their non-revenue water and prevent costly main breaks. We will cover the principles and advantages of differential metering on control valves as well using acoustic correlators to develop a robust leak detection and pressure control program. Getting remote data from the field will allow water operators to know where they should be spending precious work hours to get the best results Patrick Miller, CIMCO-GC Systems <div>W</div>	Operation of an Anerobic Lagoon The ins and outs of operating, managing, and maintaining an anerobic lagoon system. What it can treat and how it works. Dick Heard, Heard Farms <div>WW</div>		
02:15 – 02:30 PM		Break			
02:30 – 04:30 PM	0.2	Umpqua Indian Utility Co-op Plant Tour Plant tour of facility and oversight of difficulties they deal with on water and wastewater sights. Paul Wolford, Umpqua Indian utility cooperative <div>W/WW</div>			

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WEDNESDAY		0.675 CEU TOTAL		OCTOBER 22, 2025		
WATER			WASTEWATER			
08:00 – 10:00 AM	0.2	Analytic sensors to the Next Level How to troubleshoot and take instant readings from your equipment. Rich Owens, Owens Pump & Equipment		W/WW		
		Centrifugal pumps for water or wastewater Pumping efficiency, maintenance, and troubleshooting centrifugal pumps. Rich Owens, Owens Pump & Equipment		W/WW		
		10:00 – 10:15 AM		Break		
10:15 – 12:00 AM	0.175	Locating The Unknown Conventional methods of locating with standard pipe & locators as well as new methods for the pipe that just doesn't want located. Nick Frappier, NW Hydrovac		W/WW		
12:00 – 01:00 PM		Lunch provided				
01:00 – 02:00 PM	0.1	Drinking Water Regulatory Update Brief update on new regulatory changes. Zack Golic, OHA		W	YDO for DMRs How to use Your DEQ Online to fill out your DMRs. Martina Frey, Mark Bentz, DEQ	WW
02:00 – 2:15 PM		break				
02:15 – 03:15 PM	0.1	Water System Survey Preparation Discussing a water system survey involves an on-site review of sources, treatment facilities, and storage reservoirs, as well as office time to review essential records. Nick Alviani, OHA		W	How Wastewater Collection Impacts Treatment Will discuss the constituents in wastewater while also covering the process of the nitrogen cycle. This will transition into a discussion overviewing multiple types of treatment technologies as well as methods of wastewater collection. The positives and negatives of each system. The presentation will be concluded with comparing how the different collection methods impact the various treatment technologies. Jonathon Honeywell, Orenco Systems, Inc.	WW
		03:15 – 03:30 PM		Break		
		03:30 – 04:30 PM	0.1	Lab Work Review sampling procedures and the required paperwork for water and wastewater labs. Lisa Lemming, Umpqua Labs		W/WW
THURSDAY		0.625 CEU TOTAL		OCTOBER 23, 2025		
08:00 – 09:00 AM	0.1	Pumping Chlorine: The Good, the Bad and the Ugly We will talk about how difficult chlorine is to pump and how most people who design the system don't realize how hard it is to pump. Many people who operate the chlorine systems think it is their fault that the chlorine system won't pump consistently. Most times it is a combination of poor design and poor installation. We can help them fix both of those. Phil Pelletier, Sean Moriarty, Furrow Pumps		W/WW		
		Flow Meters The ins and outs of flow meters used in the water and wastewater industry. Phil Pelletier, Sean Moriarty, Furrow Pump		W/WW		
		10:00 – 10:15 AM		Break		
10:15 – 12:00 PM	0.175	Overcoming Telemetry & SCADA Issues for Remote Sites This course provides water treatment and wastewater operators and managers with solutions for monitoring challenges in remote locations. Through advanced telemetry systems and SCADA integration, participants will learn to tackle connectivity issues, environmental factors, and aging infrastructure. Nathan Landreth, Jonathan Frank, Advanced Control Systems		W/WW		
12:00 – 01:00 PM		Lunch provided				
01:00 – 02:00 PM	0.1	USDA Funding Options This class will focus on the funding options for water and wastewater systems available through USDA Rural Development in Oregon. Steps to take before a project is off the ground and working through the project from the funding side of things. Holly Halligan, Tanya Winslow, USDA		W/WW		
02:00 – 02:15 PM		Break				
02:15 – 03:30 PM	0.125	Cyber Security Threats & Best Practices for the Water Sector CISA has identified the Water/Wastewater sector as a high priority. General cyber threats and more specifically, on OT cybersecurity best practices and current threats. best practices and current threats. Leslie Kainoa, Cybersecurity and Infrastructure Security Agency		W/WW		

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3:30 -3:45 PM	.025	Changing of the Guard How to attract new water and wastewater operators to the industry and keep them. What do we do when a utility's most valuable asset, its personnel, is in a supply shortage. Heath Cokeley, Scott Berry, Monty Norris, Bill Palmaymesa, OAWU W/WW
		Total CEUs Tues - Thur: 2.0 Water or Wastewater