

Hood River 2023 Scheduling - Outline

MONDAY		DECEMBER 11, 2023	
08:30 AM – 12:00 PM	Emerging Contaminants PFOS – Monty Norris The class will supply an overview of sources and treatment options as well as current trends in regulations.	0.3	W/WW
	<ul style="list-style-type: none"> • 08:30 – 10:00 Sources of and types of contaminants, levels of concern • 10:00 – 10:30 Break • 10:30 – 12:00 Treatment options that may be best suited for your utility 		
01:00 PM – 04:15 PM	Risk Assessment & Emergency Response – Scott Berry How to complete a risk assessment and be proactive and prepared for an emergency at your water and wastewater system.	0.3	W/WW
	<ul style="list-style-type: none"> • 1:00 – 2:30 System risks from various hazards associated with mechanical integrity of the utility • 2:30 – 2:45 Break • 2:45 – 4:15 Actions, procedures that mitigate the impact of the malevolent act or natural hazard 		
TUESDAY		0.725 CEU TOTAL	
DECEMBER 12, 2023			
Time			
07:45 – 08:00 AM	Registration and Introduction		
08:00 – 10:00 AM	0.2	Cyber Security Threats & Best Practices General cyber threats and more specifically, on OT cybersecurity best practices and current threats. CISA provides help to organizations evaluate and improve their cyber security posture for water and wastewater systems. Leslie Kainoa, Cybersecurity And Infrastructure Agency	W/WW
10:00 – 10:15 AM	Break		
10:15 – 12:00 PM	0.175	Utility Locating The utility locating process from start to finish. We will be hands on with various types of locators and processes. Nick Frappier, NW Hydrovac Corp	W/WW
12:00 – 01:00 PM	Lunch provided		
01:00 – 02:00 PM	0.1	Understanding Control Systems Integration Identifying and understanding controls and SCADA within an integrated system. Jonathan Frank, Advanced Control Systems	W/WW
02:00 – 02:15 PM	Break		
02:15 – 03:30 PM	0.125	Revolutionizing Water Management Discussion on water meter applicability and the importance of data management to reduce unaccounted for water. Charlie Prosch, Metron Farnier	W
		Utilizing Acoustic Inspection to Prioritize Sewer Cleaning Condition-based maintenance strategy and the Sewer Line Rapid Assessment Tool, or SL-RAT. Gene Hallum, Info-sense	WW
03:30 – 03:45 PM	Break		
03:45 – 05:00 PM	0.125	Common Well Issues and Solutions Important tools for optimizing well performance and operations. Most problems are preventable and start with construction and care of water wells. Jim Bailey, Shannon-Wilson	W
		Membrane Systems and Headworks An in-depth look at membrane technology and the importance of headworks. Doug Allie, GOBLE SAMPSON	WW
WEDNESDAY		0.7 CEU TOTAL	
DECEMBER 13, 2023			
WATER		WASTEWATER	
08:00 – 10:00 AM	0.2	Questions for the Circuit Rider Team What is weighing on an operator's mind? What challenges are operators faced with? Personnel, dollars and or time. Open discussion on ways to find answers and keep your utility moving forward. Heath Cokeley, Hans Schroeder, OAWU	W
		Peracetic Acid for Wastewater Disinfection Application and use of alternative disinfection chemistry, peracetic acid (PAA), in municipal wastewater systems. What is it? How does it work? Is it right for your facility? Jacquelyn Wilson, EnviroTech	WW
10:00 – 10:30 AM	Break		
10:30 – 12:00 PM	0.15	Couplings, Restraints, and Pipe Repair Couplings and restraint joints, proper installation are key components and practices to ensure your distribution system stays together. With this class you will understand correct practices. John McCulley, Romac Industries	W
		Rehabilitation of Sewer / Wastewater Facilities Class demonstration on trenchless repair options for sewer line maintenance. Doug Troyer, Underground Technologies	WW
12:00 – 01:00 PM	Lunch provided		
01:00 – 02:00 PM	0.1	Service Line Inventories An update on how to prepare for and complete the new service line inventory requirement for the Lead-Copper Rule. Kari Salis, OHA DWS	W
		Industrial Cleaning of Digesters, Clarifiers and Lagoons Techniques of industrial cleaning procedures and managing of biosolids Steve Redford, Flohawks Industrial	WW
02:00 – 02:15 PM	Break		

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02:15 – 03:30 PM	0.125	Certification Updates Certification rules and requirements for water distribution and treatment certifications. Tony Fields, OHA DWS	Wastewater Operator Certification The application and certification process, tips to avoid mistakes, and information you need on DEQ's website. Kimi Gryzb, Oregon DEQ	W	WW
03:30 – 03:45 PM		Break			
03:45 – 05:00 PM	0.125	Financial Roundtable Overview of funding opportunities for utilities. Q&A and your specific projects. Tony Fields - OHA., Kim Young – RD, Capi Lewis, Business Oregon, Tom Puttman, Puttman Infrastructure, Inc.			W/WW
THURSDAY	0.65 CEU	TOTAL			DECEMBER 14, 2023
08:00 – 09:30 AM	0.15	Tracer Wire to Locate Pipelines Tracer wire systems 101, installation, components, methods, and new technologies for water and wastewater. If Check Valves were Cars Explore many different types of check valves, their uses, and new technologies recently introduced. Steve Causseaux – Cimco-GC Systems			W/WW
09:30 – 10:00 AM		Break			
10:00 – 12:00 PM	0.2	Cybersecurity on the OT Network How to maintain security on your water and wastewater utility network and ways to combat incoming threats. Greg Chase, Portland Engineering			W/WW
12:00 – 01:00 PM		Lunch on your own			
01:00 – 02:30 PM	0.15	OSHA Inspections What to expect during an OSHA inspection, how to prepare for an inspection and using the Oregon OSHA consulting services department to improve your health and safety program for your utility. Larry Fipps, Oregon OSHA			W/WW
02:30 – 02:45 PM		Break			
02:45 – 04:15 PM	0.15	Selecting the Appropriate Flow Meter for your Application Discussing the differences between open channel and full pipe flow meters, when and where to use each type of meter. We will review the technology behind props & mags versus an open channel meter velocity and level calculations. How do I know when my flow meter is accurate? We will discuss various ways to verify flow meters accuracy. Ken Navidi, Bainbridge Associates			W/WW
		Total CEUs: 2.6 Water or Wastewater			