

OAWU's Annual End of Year Operator's Conference



Best Western Hood River Inn, Hood River, Oregon • December 12–15, 2022
Earn up to 2.1 CEUs in either Water or Wastewater

**Attention Water and
Wastewater Departments**
When finished reading, please
route to manager(s), operators,
city recorder and/or board members.

Oregon Association of Water Utilities
935 N. Main St.
Independence, OR 97351
503-837-1212 Fax 503-837-1213
Address Service Requested



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OAWU's Annual End of Year Operator's Conference

December 12–15, 2022 • Best Western Hood River Inn
1108 E. Marina Way, Hood River, Oregon 97031

ACCOMMODATIONS: (800) 828-7873

Guest room block available until November 20, 2022. When calling to reserve, identify yourself as an attendee of the OAWU Operator's Conference. Rates are dual occupancy; additional person \$15.

Nonview Two Queen \$129 + tax per night • Nonview King \$129 + tax per night • Riverview King \$155 + tax per night

Please use one form for each person attending (photocopy additional forms as needed).

Full Name _____

Water Certification # _____ Wastewater Certification # _____ Working toward certification

System Name _____

System Address _____

City _____ State _____ Zip _____

System Phone _____ System Email _____

Pre-Conference (Monday, 0.6 CEUs)

Course (check box for course attending)	Fee	Subtotal
<input type="checkbox"/> Risk Assessment & Emergency Response (9 am – 12 pm) (0.3 Water/Wastewater CEUs)	FREE	FREE
<input type="checkbox"/> Emerging Contaminants PFOS (1 pm – 4:15 pm) (0.3 Water/Wastewater CEUs)	FREE	FREE
PRE-CONFERENCE TOTAL		

Full Conference (Tuesday–Thursday, 2.1 CEUs) ESAC #5739

Conference Registration <i>Includes training sessions, coffee and donuts, and lunch each day</i>	Early Bird (postmarked by Nov. 3)	Standard (postmarked after Nov. 3)	Subtotal
OAWU Member	\$325	\$355	
Non-Member <i>(non-members receive one-year individual membership with conference registration)</i>	\$425	\$455	
TOTAL REGISTRATION FEES			

TOTAL CONFERENCE FEES

Payment Enclosed Purchase Order: PO # _____ Please Invoice

If paying by credit card, please call the OAWU office after submitting your registration form.

Email receipt to: _____ Fax receipt to: _____

Confirmation & Cancellation

No refunds will be issued and a regular registration fee will be billed for those who fail to attend and do not give the OAWU office notice seven days prior to the start of the conference.

Please keep a copy of your registration form or contact the OAWU office at 503-837-1212 for confirmation.

SEND REGISTRATION FORM AND FEES TO:

Email to: office@oawu.net | Mail: OAWU, 935 N. Main Street, Independence, OR, 97351 | Fax: 503-837-1213

MONDAY, DECEMBER 12, 2022

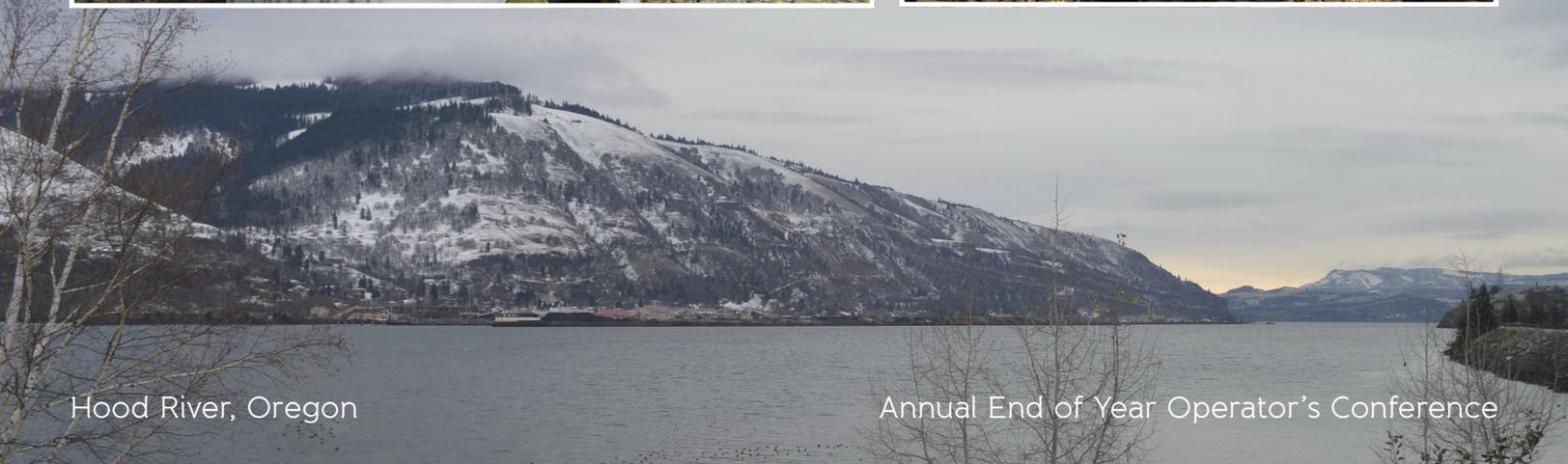
0.6 CEUS

09:00 AM–12:00 PM	0.3	<p>Risk Assessment & Emergency Response – Scott Berry, OAWU How to complete a risk assessment and be proactive and prepared for an emergency at your water and wastewater system.</p> <ul style="list-style-type: none"> • System risks of various hazards associated with mechanical integrity of the utility • Actions and procedures that mitigate the impact of the malevolent act or natural hazard 	W/WW
01:00 PM–04:15 PM	0.3	<p>Emerging Contaminants PFOS – Keith Bedell, OAWU An overview of sources and treatment options as well as current trends in regulations.</p> <ul style="list-style-type: none"> • 1:00 – 2:30 Sources of and types of contaminants, and levels of concern • 2:30 – 2:45 Break • 2:45 – 4:15 Treatment options that may be best suited for your utility 	W/WW

TUESDAY, DECEMBER 13, 2022

0.725 CEUS

07:45–8:00 AM	REGISTRATION & INTRODUCTION		
08:00–10:00 AM	0.2	<p>Pipe Management Tool Selection The history and proper use of pipe bursting and piercing tools in the municipal market, types of equipment available and the benefits of each type. <i>Scott Bevens, Ditchwitch West</i></p>	W/WW
10:00–10:30 AM	BREAK		
10:30–12:00 PM	0.15	<p>Saving Money Pumping Water pumping efficiencies and what is costing money. How we can save money and prolong equipment life. <i>Nicolas Steverlynck, Hose Solutions, Inc</i></p>	W/WW/OS
12:00–1:00 PM	LUNCH PROVIDED		
01:00–3:00 PM	0.2	<p>OSHA Inspections What to expect during an OSHA inspection. How to prepare for an inspection and using OSHA consulting services department to improve your health and safety program for your utility. <i>Larry Fipps, Oregon OSHA</i></p>	W/WW
03:00–3:15 PM	BREAK		
03:15–5:00 PM	0.175	<p>Coatings update – Third Party Inspections Industries can manage quality control, but quality assurance aids in proving a delivered product meets performance, reliability, and customer expectations. Inspections are a method that can support coatings to prove specified requirements. <i>Ron Watts, PPG Industries</i></p>	W/WW



	CEUS	WATER	WASTEWATER
08:00–10:00 AM	0.2	Disinfection’s Practical Approach A technical overview of sodium hypochlorite systems. How sodium hypochlorite systems work, basic maintenance, and system operations. <i>Bryce Possiel, Evoqua Water Technologies</i>	Phase Assessments for Sewer Systems Review the history of sanitary sewers, reasons for inspections assessments, identifying defects that better assist in management planning, and prioritizing renovation of the collection system. <i>Jim Brown, True North Equipment</i>
10:00–10:30 AM	BREAK		
10:30–12:00 PM	0.15	Solutions for Control Distribution maintenance and repair techniques to avoid water system emergencies. <i>Mike Urwin, Hydra-Stop</i>	Collection System Management FOG, odors, H2S, corrosion and the damaging impacts of contaminants. Emerging issues to improve wastewater programs and incorporating pre-treatment and strategies for collection systems. <i>Rick Allen, BioLynceus LLC</i>
12:00–1:00 PM	LUNCH PROVIDED		
01:00–3:00 PM	0.2	DWS Cert Update Reviewing certification rules and requirements for water distribution and treatment certifications. <i>Chuck Michaels, Tony Fields, OHA DWS Manager</i>	Pretreat & FOG Pre-treatment and FOG ordinances in your utility as dictated by federal regulations, the beneficial to utilities and supplying ideas on how to inspect and enforce such ordinances. <i>Rick Allen, BioLynceus LLC</i>
03:00–3:15 PM	BREAK		
03:15–5:00 PM	0.175	Service Line Inventories How to prepare for and complete the new service line inventory requirement for the LCRR. <i>Kari Salis, PE, OHA DWS Manager</i>	DEQ Permitting Update NPDES permit development with potential analysis and ID of pollutants of concern and, permit processing. <i>Kimi Gryzb – Oregon DEQ</i> The application and certification process, avoid mistakes, DEQ’s website, and program feedback. <i>Jeff Navarro, Oregon DEQ</i>

08:00–09:30 AM	0.15	O&M Chemical Feed Pumps What to choose – operational functions of peristaltic and diaphragm pumps relating to system parameters such as chemical, flows, pressures required, ancillary equipment, and parts replacement. <i>Bill Ormsby, Blue-White Industries</i>	W/WW
09:30–10:00 AM	BREAK		
10:00–12:00 PM	0.2	Practical Approach to Hydro Excavating Operator safety from start to finish on hydro excavation and utility locating. Practices on valve exercising, and small line jetting and piercing tools. Manufacturer challenges and how it affects the industry. <i>Jason DeWitt, Vermeer Corporation</i>	W/WW
12:00–1:00 PM	LUNCH PROVIDED		
01:00–2:30 PM	0.15	Master Planning 101 The drivers for water and wastewater master planning. Collecting data, what will the process look like and the results. The operators should play an essential role in the master planning. <i>Peter Olsen, Keller Associates, Inc.</i>	W/WW
02:30–2:45 PM	BREAK		
02:45–4:15 PM	0.15	Working with Your Engineer Look at real life examples of working through project design and implementation with an engineer. How to communicate successfully to get the desired project outcomes. <i>Chad McMurry, Olson Engineering</i>	W/WW

