

2019 Fall Operator's Conference



Florence Events Center, Florence, Oregon • October 7–10, 2019
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
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2019 Fall Operator's Conference

Florence, Oregon • October 7–10, 2019

Florence Events Center

715 Quince Street, Florence, Oregon
(888) 968-4086

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"/> Effective Utility Management (0.6 Water/Wastewater CEUs)	FREE	FREE
<input type="checkbox"/> Cross Connection Specialist Update (0.6 Water CEUs)	\$120	
PRE-CONFERENCE TOTAL		

Full Conference (Tuesday–Thursday, 2.1 CEUs)

Conference Registration <i>Includes training sessions, coffee & donuts, and lunch each day</i>	Early Bird (postmarked by Sep. 5)	Standard (postmarked after Sep. 5)	Subtotal
OAWU Member	\$305	\$335	
Non-Member (<i>non-members receive a one-year individual membership with conference registration</i>)	\$405	\$435	
TOTAL REGISTRATION FEES			

TOTAL CONFERENCE FEES

Payment Enclosed Purchase Order: PO # _____ Please Invoice

If paying by credit card, please call the OAWU office for processing and receipt.

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 a seven-day prior notice (no later than Monday, September 30, 2019).

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:

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

MONDAY, OCTOBER 7, 2019		0.6 CEUS
09:00 AM – 04:30 PM	Effective Utility Management Participate in a workshop for success at your water and wastewater facility. Look at challenges such as aging infrastructure, growth, and adequate revenues that reflect true operational costs today and in the future. At this workshop, you will be involved in ten key management areas, assessing your strengths and weaknesses with a framework conducive of a well-rounded water and wastewater utility management approach. <i>Scott Berry, OAWU</i>	0.6 w/ww
09:00 AM – 04:30 PM ESAC #3388	Cross Connection Specialist Obtain your Cross-Connection Specialist updates, upon completion, renew the Oregon Cross Connection Specialist Certification. <i>BMI – Garret Yates</i>	0.6 w

TUESDAY, OCTOBER 8, 2019		0.675 CEUS
08:00 – 08:30 AM	REGISTRATION	
08:30 – 08:45 AM	0.025 OPENING: Workplace communications! In times of change, both professional and personal, what influences affect the work environment? <i>Tim Tice, OAWU</i>	w/ww
08:45 – 10:15 AM	0.15 Recovered Revenues Understand metering inaccuracies, loss revenues, and using static meter technologies to recoup revenues. <i>Tim Owens, Correct Equipment</i>	w/ww
10:15 – 10:30 AM	BREAK	
10:30 AM – 12:00 PM	0.15 ROOM #2 Excavation The rules and inspection process when inspecting an excavation site. <i>Larry Fipps, Oregon OSHA</i>	w/ww
	ROOM #3 Manhole Rehabilitation Look at manhole rehabilitation, methods of restoration, cost associated versus replacement. <i>Don Rigby, Madewell Products</i> <i>Doug Troyer, Underground Tech</i>	ww
12:00 – 01:00 PM	LUNCH PROVIDED	
01:00 – 03:00 PM	0.2 ROOM #2 Control Valves – Removing the Mystery Final goal for operators to properly maintain control valves, (pilot systems, PM) without relying on outside contractors. <i>Steve Causseaux, Cimco</i>	w
	ROOM #3 Treatment Plant Inspections Learn what an enforcement inspection will review, what concerns call for and inspection specific to WWTP. <i>Larry Fipps, Oregon OSHA</i>	ww
03:00 – 03:15 PM	BREAK	
03:15 – 04:45 PM	0.15 ROOM #2 Anatomy of a Service Lateral Service lines and proper applications for residential, commercial and industrial customers. <i>Geoff Robinson, FJ Martin Co.</i>	w
	ROOM #3 WW System Design – Manhole Retrofitting A look at new technologies that allow manholes to be repaired in a way to reduce I and I for a collection system. <i>Lewis Titus, Titus Industries</i>	ww



WEDNESDAY, OCTOBER 9, 2019 0.725 CEUS

07:30 – 08:00 AM		COFFEE AND DONUTS	
08:00 – 10:00 AM	0.2	VFDs – Application 101 Learn the proper approach to troubleshooting VFDs, the many facets related to controlling motor speed saving energy where full speed of an electric motor is not required. <i>Nick Coreson, Optimal Control System</i> w/ww	
10:00 – 10:15 AM		BREAK	
10:15 AM – 12:00 PM	0.175	Operator's Round Table Questions and answers with the OAWU staff around real-life stories on project management, board interaction, and problem solving at your water and wastewater utilities. <i>OAWU Staff</i> w/ww	
12:00 – 01:00 PM		LUNCH PROVIDED	
01:00 – 03:00 PM	0.2	Asphalt Use in Utilities: Code of Practices The “why we use” and the “where we use.” We will discuss the most recent innovations; special materials for extended service life, and the latest in the code of practices for asphalt for the water and wastewater industry. <i>Bill Bailey, Lakeside Industries</i> w/ww	
03:00 – 03:15 PM		BREAK	
03:15 – 04:45 PM	0.15	Chemicals for Water /Wastewater Treatment Look at the varied characteristics of water, wastewater that create challenges for operators to deliver high levels of quality water and wastewater effluent using the correct chemicals. <i>Jeff Zachman, Cascade Columbia Distribution</i> w/ww	

THURSDAY, OCTOBER 10, 2019 0.7 CEUS

07:30 – 08:00 AM		COFFEE AND DONUTS	
08:00 – 09:30 AM	0.15	Behind the SCADA Computer Develop an understanding of the control components in a SCADA system, the interface with equipment and what to look for when problems arise. <i>Tim Boyd, The Automation Group</i> w/ww	
09:30 – 09:45 AM		BREAK	
09:45 – 11:00 AM	0.125	ROOM #2 GW Rule – Source Protection Groundwater Rule focusing on above and below ground actions: through a look at natural groundwater sources, corrective action approaches, and fixing the problems associated with contaminated sources. <i>Shawn Stevenson, DHS-DWS</i> w	ROOM #3 Aeration and Mixing Applications in Wastewater Adding air to allow aerobic degradation of wastewater contaminants in a natural process. <i>Matthew Davidson, Antec Corporation / Tideflex / Red Valve</i>
11:00 AM – 12:15 PM	0.125	ROOM #2 Making Turbidity Meaningful Individual particles that cloud water is caused from high erosion, algae, or suspended solids. What are the levels telling an operator. <i>Zach Cunningham Golik, DHS-DWS</i> w	ww
12:15 – 01:15 PM		LUNCH PROVIDED	
01:15 – 02:30 PM	0.125	ROOM #2 Optimizing Goals for Treatment Strategies Share optimization concepts for all types of water treatment, (filtration, practices, sampling) possibly saving money while improving public health. <i>Jay MacPherson, DHS – DWS</i> w	ROOM #3 Operator Certification Update The application and certification process, tips to avoid mistakes, an overview of where to find the information you need on DEQ's website, and program feedback. <i>Kimi Grzyb, DEQ</i> ww
02:30 – 02:45 PM		BREAK	
02:45 – 04:15 PM	0.15	Pipe Bursting and Piercing Tools History of pipe bursting in the municipal market, proper equipment available for the various types of pipe and the proper use of the tools. <i>Scott Bevans, Ditch Witch West</i> w/ww	
04:15 – 04:30 PM	0.025	Closing: Workplace Communications To aspire towards successful work days, how do we train ourselves to not only hear, but to listen? <i>Tim Tice, OAWU</i> w/ww	