

18th Annual End of Year Operator's Conference Hood River Inn - Best Western PLUS Hood River, Oregon

December 5-8, 2016

Pre-conference class Monday, December 5



ESAC #3330

Earn up to 2.0 CEUs in either Water or Wastewater.

When finished reading, please route to:
Office Manager(s), Administrators, City Managers,
and/or Board Members.

Attention Water / Wastewater Departments

Address correction requested

935 N. Main St.
Independence, Oregon 97351
(503) 837-1212 Fax (503) 837-1213



Oregon Association of Water Utilities

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18th Annual End of Year Operator's Conference Hood River Inn - Best Western PLUS - Hood River, Oregon

December 5 - 8, 2016

Full Name _____

Water Certification # _____ Wastewater Certification # _____ Working toward certification

System Name _____

System Address _____

City _____ State _____ Zip _____

System Phone _____ Email _____

Pre-Conference (Monday) 0.6 CEUs Water/Wastewater

Monday Class Registration:	Cost	Attending
Effective Utility Management (Lunch is on your own)	No charge	Yes <input type="checkbox"/> No <input type="checkbox"/>

Full Conference (Tuesday - Thursday) 2.0 CEUs Water or Wastewater

Full Conference Registration:
Conference training sessions, coffee, donuts, and lunch each day

OAWU Member

Early Bird (postmarked by Nov 4) \$295 \$ _____
 Standard (postmarked after Nov 4) \$325 \$ _____

*Non-Member

Early Bird (postmarked by Nov 4) \$370 \$ _____
 Standard (postmarked after Nov 4) \$400 \$ _____

*Each nonmember individual who attends the full conference will receive a one-year OAWU Individual Membership.

Payment Information:

Payment Enclosed Please Invoice Purchase Order # _____ TOTAL AMOUNT \$ _____

If paying by credit card, please call the OAWU office (503) 837-1212 for processing and receipt.

Email credit card receipt to: _____

Fax credit card receipt to: _____

Hood River Inn - Best Western PLUS

1108 E. Marina Way

Hood River, OR 97031 (541) 386-2200 or (800) 828-7873

Guest room block available until November 20, 2016

web

Cancellation & Confirmation Policies:

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, November 28, 2016).

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

Send registration form and payment to:

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

18th Annual End of Year Operator's Conference

Monday, December 5, 2016 Pre-Conference Schedule

8:30-9:00 Registration 0.6 CEUs Water/Wastewater (Monday)

9:00-10:30 (0.15) Training Session

Effective Utility Management:

Participate in a workshop for success at your utility. Look at issues such as aging infrastructure, growth, adequate revenues that reflect true operational cost today and in the future. At this workshop, you will be involved in ten key management area, assessing your strengths and weaknesses in a framework supporting a well rounded management approach.

Randy Jones, Kate Jackson, DEQ

W/WW

10:30-10:45 Break

10:45-12:15 (0.15) Training Session

Effective Utility Management: (Continued)

W/WW

12:15-1:15 Lunch - On your own

1:15-3:15 (0.2) Training Session

Effective Utility Management: (Continued)

W/WW

3:15-3:30 Break

3:30-4:30 (0.1) Training Session

Effective Utility Management: (Continued)

W/WW



Tuesday, December 6, 2016 - Conference Schedule



8:00-8:30 Registration 0.675 CEUs Water/Wastewater (Tuesday)

8:30-10:30 (0.2) Training Session

Confined Space and Job Site Safety:

OSHA safety requirements for working in and around excavations and confined spaces Competent Person and employee/employer requirements. *Mike Standley, OXARC*

W/WW

10:30-10:45 Break

10:45-12:00 (0.125) Training Session

Surge and Entrained Air Mitigation: Discusses how air becomes entrained in water, how air moves through water/wastewater systems, and the dangers inherent in that movement. We will also explore a brief primer on fluid mechanics. *Geoff Robinson, Frank J. Martin*

W/WW

12:00-1:00 Lunch - Provided

1:00-3:00 (0.2) Training Session

Active Shooter Emergency Response:

Learn how to construct a written plan, what to expect when police arrive, conduct a head count and train employees how to respond to an Active Shooter using "Run, Hide, Flight" protocol.

Ray Johnson, City of the Dalles

W/WW

3:00-3:15 Break

3:15-4:45 (0.15) Training Session

Considering Municipal Board Rules:

Address specific components, requirements for conducting public meetings, structuring the meeting, information requirements for public participation. *Laura Schroeder, Schroeder Law*

W/WW

18th Annual End of Year Conference

Wednesday, December 7, 2016 - Conference Schedule

7:30-8:00	Coffee & Donuts	0.75 CEUs Water or Wastewater (Wednesday)
8:00-10:00	(0.2) Training Sessions	
8:00-10:00	Control Valves: This class will discuss principles of operation and understanding of how to get the most out of your control valves with new technology. <i>Dale Fletcher, GC Systems</i>	W
10:00-10:15	Break	
10:15-12:00	(0.175) Training Sessions	
	Control Valves (Continued):	W
12:00-1:00	Lunch - Provided	
1:00-3:00	(0.2) Training Sessions	
	Overview of Flint Michigan, MI drinking water lead crisis: Causes, health impacts, media coverage, and follow-up investigations and actions. Advice to Oregon operators on reviewing and improving their lead and copper rule compliance to protect public health. <i>Dave Leland, OHA-DWS</i>	W
3:00-3:15	Break	
3:15-5:00	(0.175) Training Sessions	
	Drought Preparedness and other Hot Topics: Discuss ways providers can prepare for and be more resilient against drought. Information about available drought assistance programs. Brief overview of other OWRD topics of interest will be provided. <i>Kerri Cope, Chris Kowitz, OWRD</i>	W
	(8:00-9:00) Managing Your FOG Products Why FOG happens: why it is more prevalent in wastewater systems today and many cost effective methods of removal. Learn about conventional methods of removal and control, along with new and innovative solutions to mitigate the problem. Will cover pros and cons of many methods used today by municipalities around the country to mitigate this difficult operational challenge. <i>Andy Tomaszewski, Biolynceus, Inc</i>	WW
	(9:00-10:00) Bio-Solids - "Please Don't Continue to Pile It On!" Review solids process, handling, and innovative solutions used in the wastewater industry to deal with reducing processed solids, while improving expenses related to disposal of bio-solids. Join Andy for an entertaining and engaging conversation on issues, concerns, permits/regulation and mitigation of bio-solids. <i>Andy Tomaszewski, Biolynceus, Inc</i>	WW
	Non Centralized Wastewater Treatment: Advanced pretreatment techniques that can turn your current conveyance and collections system into a hi-tech pretreatment system reducing maintenance and final treatment cost dramatically. <i>Lewis Titus, Titus Industrial</i>	WW
	Net DMR: DEQ is working with EPA to transition to Net DMR, an electronic system for submitting self reported discharge monitoring data required by DEQ water quality permits. Eventually, this will be the required method of submitting your data. Learn when, how it will happen and what it will look like. Security discussed. How to get more information will be provided. <i>Tiffany Yelton-Bram, DEQ</i>	WW
	Net DMR (Continued)	WW

Thursday, December 8, 2016 - Conference Schedule

7:30-8:00	Coffee & Donuts	0.625 CEUs Water/Wastewater (Thursday)
8:00-9:45	(0.175) Training Session	
	Safety and the Supervisor: Will discuss costs and benefits of taking corrective action, general safety supervision responsibilities outlined in OSHA rules. Through class discussion you learn about leadership that supports safe behaviors and conditions. The goal of this workshop is getting a better understanding of what it takes to be effective safety leaders. <i>George Vorhauer, Oregon OSHA</i>	W/WW
9:45-10:00	Break	
10:00-12:00	(0.2) Training Sessions	
	Safety and the Supervisor: (Continued)	W/WW
12:00-1:00	Lunch - Provided	
1:00-2:30	(0.15) Training Session	
	History of Contaminants in Water and Wastewater: Why and how water and wastewater became treated and how it evolved to what we have today. <i>Beth Read, Table Rock Analytical</i>	W/WW
2:30-2:45	Break	
2:45-3:45	(0.1) Training Session	
	Ice Piggging: New technology/methods in mainline maintenance and cleaning that is more efficient, effective and produces long-term system savings and service. <i>Jeff Austin, SUEZ</i>	W/WW
3:45-4:00	(0.0) Closing Session	

"OAWU's mission is to provide service, support, and solutions for Oregon water and wastewater utilities to meet the challenges of today & tomorrow"