SPIRIT MOUNTAIN CASINO OPERATOR'S CONFERENCE



Spirit Mountain Casino, Grand Ronde, Oregon • Oct. 31–Nov. 2, 2023 Earn up to 2.0 CEUs in Water and Wastewater

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

Attention Water and Wastewater Departments

PRSRT STD U.S. POSTAGE PAID SALEM, OR PERMIT NO. 463



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



Annual OAWU Spirit Mountain Casino Operator's Conference

Grand Ronde, Oregon • Oct. 31-Nov. 2, 2023 27100 SW Salmon River Hwy, Grand Ronde

ACCOMMODATIONS: (800) 760-7977

Call by Saturday, September 30, 2023 for special room block rate: \$119 (+ \$10 per additional guest) + tax.

Please use one form for ea	ch person attending (photocopy additional fo	orms as needed).			
Full Name					
Water Certification #	Wastewater Certification #	# Working toward certification			
System Name					
System Address					
City	State	Zip			
System Phone	System Email				
Full Conference (Tuesda	ay-Thursday, 2.0 CEUs) ESAC TBA				
Conference Registration Includes training sessions, coffee, and	lunch each day	Early Bird (postmarked by Oct. 1)	Standard (postmarked after Oct. 1)	Subtotal	
OAWU Member		\$325	\$355		
Non-Member*		\$425	\$455		
		TOTAL R	REGISTRATION FEES		
		TOTAL CON	FERENCE FEES		
☐ Payment Enclosed	☐ Purchase Order: PO #	P	lease Invoice		
If paying	by credit card, please call the OAWU o	ffice for processin	g and receipt.		
☐ Email receipt to:	mail receipt to:				
	Confirmation & Cance	llation			
No refund	ds will be issued and a regular registration fee wil	ll be billed for those w	ho fail to attend		

and do not give the OAWU office a seven-day prior notice.

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

*Non-members receive one-year individual membership with conference registration.

SEND REGISTRATION FORM AND FEES TO:

TIME	CEUS	KALAPUYA A/B	MOLALLA A/B		
TUESDAY, OCTOBER 31, 2023 0.7 CEUS					
07:30-8:0	0 AM	REGISTRATION & COFFEE			
8:00- 10:00 AM	0.2	Introduction Welcome to the Annual OAWU Spirit Mountain Casino Operator's Conference. Matt Johnson, OAWU Board President Locating the Unknown Conventional and new methods of locating with standard pipes and cable locators. Find those pipes that just don't want to be found. Nick Frappier, NW Hydro Vac W/WW	No class in Molalla A/B this session		
10:00–10:15 AM BREAK					
10:15- 12:00 PM	0.175	The Role We Play for Emergencies Are you ready for an emergency? Emergencies for water & wastewater systems from the 30,000 foot level and the resources you may need. Tools that I have used to get a volunteer work force, grants, equipment, and further education.	Your DEQ Online A recorded video tutorial about how to submit applications and payments online. DEQ Wastewater Operator Certification Basics Application and certification process. Where to find the information		

12:00-1:00 PM **LUNCH PROVIDED** 1:00-Ask the Old Guy a Question **Saving Money, Pumping Groundwater** 2:00 PM Bring your questions or problems you are having at your system. Darrel Pumping efficiencies and highlight what is costing us money, how

Lockard and the Circuit Riders will help with question and answers. much it is costing and how we can save money and prolong the life Darrel Lockard of our wells and pumping equipment. W/WW Dean Foster, Hose Solutions, Inc.

W/WW

2:15-0.125 Air Mitigation in Fluid Conveyance: Are we Strangling our Pipes? **Acoustic Leak Detection and Smart Water Meters** 3:30 PM Primer for fluid hydraulics as it relates to air/gas in municipal pipelines. Integrated acoustic sensor housed in the meter presents an Valve types and applications, AwwA sizing guidelines and operation & approach to increase the number of acoustic sensors in a water grid

maintenance. Geoff Robinson, Cimco-GC Systems w/ww Tim Owens, Correct Equipment

3:45-0.1 Traceable for the Life of the Pipeline **Distribution Maintenance & Repair** 4:45 PM Grounding, splices, and access points, along with a robust tracer wire, all fit into a project pipeline that is traceable for the duration of its lifespan.

Geoff Robinson, Cimco-GC Systems

Techniques to Avoid System Shutdown Insertion valves to install under pressure in less than two hours. Prevent major shutdowns and disruptions especially in critical infrastructure areas.

Michael Urwin, Hydra-Stop

you need on DEQ's website.

Kimi Grzyb, Oregon DEQ

W/WW

ww



Dan Weitzle, City of Manzanita

BREAK

BREAK

2:00-2:15 PM

3:30-3:45 PM



TIME	CEUS	KALAPUYA A/B	MOLALLA A/B	
WEDNE	SDAY,	NOVEMBER 1, 2023	0.725 CEUS	
07:00-8:00	0 AM	COFFEE		
8:00- 10:00 AM	0.2	Who's the Boss? Public and Private Entity Requirements for Meetings & Records Board training - general responsibilities, liabilities and properly taking care of and retaining good employees. Laura Schroder, Schroeder Law Offices w/ww	Strategies for Managing Aging Infrastructure Developing plans and securing funding for our aging water plant and distribution system. Unique challenges faced by small municipalities when navigating state and federal funding. Leo Newberg, Inn at Otter Crest W/WW	
10:00-10:3	30 AM	BREAK		
10:30- 12:00 PM	0.15	Tools and Tech for Business Continuity in Public Works Continuity planning, succession planning, emergency response, crisis management, cloud and mobility and asset management. Arnab Bhowmick, AAKAVS AKTIVOV W/WW	Creating A Water Rights Inventory to Meet Deadlines/ Required Conditions Including WMCP's Importance of managing and protecting your water rights and meeting wmcp and green light water requirements. Laura Schroeder, Schroeder Law Offices W	
12:00-1:30	0 PM	LUNCH WITH EXHIBITORS PROVIDED	0.1 W/WW CEUS	
1:30- 3:00 PM	0.15	Working With Your Engineer Real life examples of working through project design and implementation with an engineer. How to communicate successfully to get the desired project outcomes. Chad McMurry, Mackay Sposito W/WW	Design, Operation, and Troubleshooting of Membrane Bioreactor (MBR) System The basics of Membrane Bioreactor (MBR) process including how to design, operate and troubleshoot. Hiro Kuge, Kubota Membrane ww	
3:00-3:30	PM	BREAK		
3:30- 4:45 PM	0.125	Spirit Mountain Casino Water and Wastewater Plant Tour Join us for an in depth processes of both the water and the wastewater plant tour. Hiro Kuge, Kubota Membrane w/ww	Safe & Compliant Contracting of Diving Services Regulatory requirements and diving industry best practices to assess the diving operations and inside permit-controlled confined spaces. Troy Gessner, Integrated Underwater Services W	
THURSI	DAY, N	OVEMBER 2, 2023	0.575 CEUS	
7:00-8:00	AM	COFFEE		
8:00- 10:00 AM	0.2	Machine Learning / Artificial Intelligence Applications for Small Systems ML/Al technology is easier than ever to use and offers significant benefits to small systems for asset management plans and customer service. Mike Grimm, West Slope Water District w/ww Flow Meters The ins and outs of flow meters used in the water and wastewater industry. Phil Pelletier, Furrow Pump w/ww	Certification Update Review certification rules and requirements for water distribution and treatment certifications. Q&A time is also provided. Tony Fields, OHA W	
10:00-10:	15 AM	BREAK		
10:15- 12:00 PM	0.175	Pumping Chlorine: The Good, the Bad and the Ugly Difficulties in pumping chlorine. Many question pumping challenges, often it is a combination of poor design and poor installation. We can help them fix both of those. Phil Pelletier, Furrow Pump W/WW	DWS Cert Update Reviewing certification rules and requirements for water distribution and treatment certifications. Service Line Inventories How to prepare for and complete the new service line inventory requirement for the LCRR. Kari Salis, OHA-DWS W	
12:00-1:00	0 PM	LUNCH PROVIDED		
1:00- 2:00 PM	0.1	USDA Funding Options Funding options for water and wastewater systems available through USDA Rural Development in Oregon. The steps to take before a project is off the ground and working through the project from the funding side of things. Holly Halligan, Deanna Quimby, USDA W/WW	New EPA Requirement: Asset Management Implementation America's Water Infrastructure Act of 2018 amended Section 1420 subsections (c)(2) and (c)(3) of the SDWA, Asset Management and how Oregon will implement the new AWIA Act of 2018 requirement. Phebe Howe, OHA W	
2:00-2:15	PM	BREAK		
2:15- 3:15 PM	0.1	Preparing for and Recovering from Wildfires for W/WW Facilities The basics of what could be done by your water and wastewater facilities before, during and after a wildfire. Heath Cokeley, Scott Berry, OAWU W/WW		