

**2018 Eastern Oregon Operators Conference**  
**April 3 - 5 Four Rivers Cultural Center**

<b>Tuesday 4/3</b>		<b>Water</b>	<b>Wastewater</b>	<b>Combined</b>	<b>AC Pipe</b>
8:00 AM	9:00 AM	0.1 W		KEYNOTE "Going with the Flow" David Keil, PNCWA	
9:05 AM	10:05 AM	History of Waterlines and its Repairs Brock Spencer, Romac	Everything but the Kitchen Sink (or that sink in the treatment plant break room) Hr 1 Paul Daniello, DEQ	Keep Your Head in the Game, Mindfulness in Safety for Water & WW Operators Hr 1 Siobhan Murphy, SAIF	Safe Handling of Asbestos-Cement Pipe in the water/ww industry Hr 1 Eric Fullan, CIS Consultant
10:05 AM	10:35 AM	0.1 W		0.1 WW	0.1 W 0.1 WW
10:35 AM	11:35 AM	Distribution Systems, Make Informed Decisions Brad Baird	Everything but the Kitchen Sink (or that sink in the treatment plant break room) Hr 2 Paul Daniello, DEQ	Keep Your Head in the Game, Mindfulness in Safety for Water & WW Operators Hr 2 Siobhan Murphy, SAIF	Safe Handling of Asbestos-Cement Pipe in the water/ww industry Hr 2 Eric Fullan, CIS Consultant
11:35 AM	12:20 PM	0.1 W		Lunch	
12:20 PM	1:20 PM	It's the Water and A Lot More Hr 1 Beth Read, Tablerock Lab	Agronomy and Land Application as it relates to Wastewater and Wastesolids Larry Brown, DEQ	Water/Wastewater Facility Security/ Active Shooter Response Hr 1 Ray Johnson, The Dalles	Safe Handling of Asbestos-Cement Pipe in the water/ww industry Hr 3 Eric Fullan, CIS Consultant
1:25 PM	2:25 PM	It's the Water and A Lot More Hr 2 Beth Read, Tablerock Lab	Biosolids 101 Pat Heins, DEQ	Water/Wastewater Facility Security/ Active Shooter Response Hr 2 Ray Johnson, The Dalles	Safe Handling of Asbestos-Cement Pipe in the water/ww industry Hr 4 Eric Fullan, CIS Consultant
2:25 PM	2:55 PM	0.1 W		Break	
2:55 PM	3:55 PM	Pressure Reducing Station Design Hr 1 Steven Root, GC Systems	Biosolid Site Authorizations Pat Heins, DEQ	Variable Frequency 101 Jim Joyce, Pump Tech	Safe Handling of Asbestos-Cement Pipe in the water/ww industry Hr 5 Eric Fullan, CIS Consultant
4:00 PM	5:00 PM	Pressure Reducing Station Design Hr 2 Steven Root, GC Systems	Biosolid Management Plans Pat Heins, DEQ	Beneficial Uses of Hydraulic Models George Murgel, HECO Engineering	Safe Handling of Asbestos-Cement Pipe in the water/ww industry Hr 6 Eric Fullan, CIS Consultant
5:15 PM	6:15 PM	0.1 W		Operator Round Table, Jeff Brown, Pendleton	
<b>Wednesday 4/4</b>		<b>Water</b>	<b>Wastewater</b>	<b>Combined</b>	<b>Competent Person</b>
8:00 AM	9:00 AM	Introduction to Community Water Fluoridation Bill Goss, DWS	Examples of Water Reuse Jason Selwitz, WWCC	Safety and the Supervisor Hr 1 Eric Fullan, Hillsboro	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
9:05 AM	10:05 AM	Drinking Water Jeopardy Amy Word, DWS	Headworks: preliminary treatment Jason Selwitz, WWCC	Safety and the Supervisor Hr 2 Eric Fullan, Hillsboro	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
10:05 AM	10:35 AM	0.1 W		Break	
10:35 AM	11:35 AM	Water Operator Certification Hr 1 Tony Fields	Microbiology in Activated Sludge Sue Lawrence, SL Environmental	Preventable Maintenance on Submersible Pumps David Olson, Xylem	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
11:35 AM	12:20 PM	0.1 W		Lunch	
12:20 PM	1:20 PM	Water Operator Certification Hr 2 Tony Fields	Inflow & Infiltration Studies Jesse Christensen, HECO Engineering	Thrust Restraints in Pressurize Piping Systems Tim Simons, Pendleton	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
1:25 PM	2:35 PM	RW Valves (Gate Valves) vs Butterfly Valves Brian Anderson, American Flow	Wastewater Disinfection Jadon Herron, AP	City Spotlight - City of LaGrande Kyle Carpenter, LaGrande	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
2:35 PM	2:55 PM	0.1 W		Break	
2:55 PM	3:55 PM	Restraining Your System Brock Spencer, Romac	Collection System Operating Plans S Lawrence, SL Environmental	Instrumentation in Municipal Systems Hr 1 Rick Patton, ACS	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
4:00 PM	5:00 PM	Top Ops D Cornford, AP / T Rogers, Ferguson	Size Matters: How Fine Bubble Aeration can Improve Lagoon BOD and Nutrient Effluent Tom Daugherty, Triplepoint Environmental	Instrumentation in Municipal Systems Hr 2 Rick Patton, ACS	Trench & Excavation:Competent Person Training Troy Canoy, Uniter Rentals
<b>Thursday 4/5</b>		<b>Water</b>	<b>Wastewater</b>	<b>Combined</b>	
8:00 AM	9:00 AM	Affordable Cellular AMI for Rural Water Systems Michelle Harvey, Badger Meter	NPDES Electronic Reporting (NetDMR) Duane Smith, DEQ	Operator Math Hr 1 Brett Moore, Anderson Perry	
9:05 AM	10:05 AM	Drinking Water Program Update Dave Emme	Locate Theory Si Norris, Owen Equip	Operator Math Hr 2 Brett Moore, Anderson Perry	
10:05 AM	10:20 AM	0.1 W		0.1 WW	
10:20 AM	11:20 AM	Retrofit Options for Concrete Tanks Chris Young, DN Tanks	Hydro-Excavation Hr 1 Si Norris, Owen Equip	Operator Math Hr 3 Brett Moore, Anderson Perry	
11:20 AM	12:50 PM	0.1 W	WEF Benefits for Water & Wastewater Operators Steven Drangshold, WEF	0.1 WW	
12:50 PM	1:50 PM	Being the Best Ryan Anderson, Corollo Eng	Hydro-Excavation Hr 2 Si Norris, Owen Equip	Operator Math Hr 4 Brett Moore, Anderson Perry	
1:55 PM	2:55 PM	Conservation and Efficiency Through Metering Tammy Rogers, Ferguson	DIY GIS/GPS for Field Operations Rusty Merritt AP	Irrigation System Operation – Advice from two farmers; one's an Irrigation Engr the other an Agronomist Hr 1 Bruce Sandoval, USDA-NRCS Travis Youngberg, USDA-NRCS	
2:55 PM	3:10 PM	0.1 W		Break	
3:10 PM	4:10 PM	Bloodborne and Waterborne Pathogens Klaus Hoehna, Pendleton	Designing Lagoon-Based WWTPs for <1 mg/L Ammonia in <34°F Water: The Case of Big Timber, MT CJ Strain, Nexom	Irrigation System Operation – Advice from two farmers; one's an Irrigation Engr the other an Agronomist Hr 2 Bruce Sandoval, USDA-NRCS Travis Youngberg, USDA-NRCS	