

2019 Eastern Oregon Operators Conference
April 2 - 4 Pendleton Convention Center



Location	Room 2	Room 3	Room 5	Room 7
Tuesday 4/2	Water	Wastewater	Combined	4th track
8:00 AM9:00 AM	KEYNOTE Prepared Employees Fair Best Following Disasters			
	0.1 W	Chris Wanner, City of Portland	0.1 WW	
9:05 AM10:05 AM	Water Right Forecasting and Preparedness Greg Silbernagel, OR Water Resources Dept	Optimizing Dissolved Oxygen and Retention Times for Maximum Impact CJ Strain, Nexom	Understanding Lab Tests + Current Concerns Hr1 Beth Read, Tablerock Lab	Sustainable Management of Rural and Small Systems RosAnna Noval, RCAC
	0.1 W	0.1 WW	0.1 W0.1 WW	W OESAC # WW
10:05 AM10:35 AM	Break			
10:35 AM11:35 AM	The Water Audit: A Tool to Save Money & Reduce Leakage Kim Manago, WSO Global	Designing Lagoon-Based WWTPs for <1 mg/L Ammonia in <34°F Water: The Case of Harrah, Washington CJ Strain, Nexom	Understanding Lab Tests + Current Concerns Hr 2 Beth Read, Tablerock Lab	Sustainable Management of Rural and Small Systems RosAnna Noval, RCAC
	0.1 W	0.1 WW	0.1 W0.1 WW	W OESAC # WW
11:35 AM12:20 PM	Lunch			
12:20 PM1:20 PM	System Surveys to Ensure Compliance Chris Wanner, Portland Water	WW Plugs Valves & Sewage Air Valves Steven Root, GC Systems	Managing and Leading Millennials and Using Social Media in the Workplace Sharon Harris, CIS	Sustainable Management of Rural and Small Systems RosAnna Noval, RCAC
	0.1 W	0.1 WW	0.1 W0.1 WW	OESAC #
1:25 PM2:25 PM	From Legionella to Permitted Discharge Complicated Compliance Chris Wanner, Portland Water	Bio Solids Management Mike Lees, Anderson Perry	Air Valves for Pipeline Maintenance and Protection Hr 1 Geoff Robinson, FJ Martin	
	0.1 W0.1 WW	0.1 WW	0.1 W0.1 WW	W WW
2:25 PM2:55 PM	Break			
2:55 PM3:55 PM	Fire Hydrant Maintenance Brian Anderson, American Flow Ctrl	Non Centralized Wastewater Treatment Hr 1 Lewis Titus, Titus Industrial Group	Air Valves for Pipeline Maintenance and Protection Hr 2 Geoff Robinson, FJ Martin	Sustainable Management of Rural and Small Systems RosAnna Noval, RCAC
	0.1 W	0.1 WW	0.1 W0.1 WW	OESAC #
4:00 PM5:00 PM	AMI Funding and Implantation Case Study Adam Denlinger, Seal Rock Water Dist	Non Centralized Wastewater Treatment Hr 2 Lewis Titus, Titus Industrial Group	SCADA in the Cloud Rick Patton, Advanced Control Systems	
	0.1 W	0.1 WW	0.1 W0.1 WW	W WW
5:15 PM6:15 PM	0.1 W	Operator Round Table, Jeff Brown, Pendleton		0.1 WW
Wednesday 4/3	Water	Wastewater	Combined	4th Track
8:00 AM9:00 AM	Drinking Water Certification Update Hr 1 Tony Fields, DWS	Walla Walla's Sewer Asset Management Plan Case Study Alex Fazzari, JUB	Pump & Pipeline Hydraulics Jim Joyce, Pump Tech	
	0.1 W	0.1 WW	0.1 W0.1 WW	
9:05 AM10:05 AM	Drinking Water Certification Update Hr 2 Tony Fields, DWS	Innovative Biosolids Technologies Chris McCalib, Treatment Equipment Co	From Duct Tape and Bailing Twine To A Prioritized Infrastructure Improvement Plan Dave Wildman, Anderson Perry	Operator Math Algebra Brett Moore, AP
	0.1 W	0.1 W0.1 WW	0.1 W0.1 WW	0.1 W0.1 WW
10:05 AM10:35 AM	Break			
10:35 AM11:35 AM	Drinking Water Regulatory Update Tony Fields, DWS	The Sanitary Sewer Management Plan – A Better Way to Manage Sewer Collection Geroge Murgel, HECO Engineers	Asphalt & Bitumen Code of Practice in Utilities Hr 1 Bill Bailey, WR Bailey Inc	Operator Math Unit Conversions Brett Moore, AP
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W0.1 WW
11:35 AM12:20 PM	Lunch			
12:20 PM1:20 PM	Large Meters Hr1 Erik Ongstad, Sensus	Land Based Options for Meeting TMDL Challenges Hr 1 Brian Rabe, Cascade Earth Sciences	Asphalt & Bitumen Code of Practice in Utilities Hr 2 Bill Bailey, WR Bailey Inc	Operator Math Problem Solving 1&2 Brett Moore, AP
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W0.1 WW
1:25 PM2:25 PM	Large Meters Hr2 Erik Ongstad, Sensus	Land Based Options for Meeting TMDL Challenges Hr 2 Brian Rabe, Cascade Earth Sciences	Hydro Excavation Hr 1 Si Norris, Owen Equipment	Operator Math Problem Solving 3 & 4 Brett Moore, AP
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W0.1 WW
2:25 PM2:55 PM	Break			
2:55 PM3:55 PM	Top Ops Tammy Rogers, Ferguson/Deb Cornford AP	NetDMR Registering & Reporting / Q & A Hr1 Duane Smith, DEQ	Hydro Excavation Hr 2 Si Norris, Owen Equipment	
	0.1 W	0.1 WW	0.1 W0.1 WW	
4:00 PM5:00 PM	Designing Pressure Reducing Stations Steven Root, GC Systems	NetDMR Registering & Reporting / Q & A Hr2 Duane Smith, DEQ	Blood Borne Pathogens Greg Lacquement, Pendleton	
	0.1 W	0.1 WW	0.1 W0.1 WW	
Thursday 4/4	Water	Wastewater	Combined	Cross Connect Spec Update
8:00 AM9:00 AM	Avoid the Truck Roll - Survey of Remote Shut-Off Meters Greg Johnson, Badger Meter	Wastewater Permitting and Compliance Hr1 Paul Daniello, DEQ	System Buy-In for Water & Wastewater Systems Kyle Carpenter, La Grande	OESAC #3388 Garret Yates, BMI
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W Must pre-register
9:05 AM10:05 AM	Water/Wastewater Facility Security / Active Shooter Response Hr 1 Ray Johnson, The Dalles	Wastewater Permitting and Compliance Hr2 Paul Daniello, DEQ	Safety and the Supervisor Hr 1 Eric Fullan, City of Hillboro	OESAC #3388 Garret Yates, BMI
	0.1 W0.1 WW	0.1 WW	0.1 W0.1 WW	0.1 W Must pre-register
10:05 AM10:20 AM	Break			
10:20 AM11:20 AM	Water/Wastewater Facility Security / Active Shooter Response Hr 2 Ray Johnson, The Dalles	UV Disinfection With Emphasis on Reuse Steve Doyle, Aquionics UV	Safety and the Supervisor Hr 2 Eric Fullan, City of Hillsboro	OESAC #3388 Garret Yates, BMI
	0.1 W0.1 WW	0.1 WW	0.1 W0.1 WW	0.1 W Must pre-register
11:20 AM12:50 PM	Awards Luncheon - The biological implications to human health and the environment when drinking water and waste water treatment operations fail. Sascha McKeon, BMCC			
	0.1 W			0.1 WW
12:50 PM1:50 PM	Everything You Want to Ask Your State Regulator, But Are Too Afraid to Ask Bill Goss & Amy Word, DWS	Wastewater System Operator Certification Program Overview Kimi Grzyb, DEQ	Effective Qtrly Walkthrough Inspection Hr 1 Eric Fullan, City of Hillsboro	OESAC #3388 Garret Yates, BMI
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W Must pre-register
1:55 PM2:55 PM	Arsenic Treatment Fundamentals and Lessons Learned Through a Case Study Troy Baker, Anderson Perry	Land Application of Waste Water and Solids on Agricultural Ground Kerri Macomber, KUO Labs	Effective Qtrly Walkthrough Inspection Hr 2 Eric Fullan, City of Hillsboro	OESAC #3388 Garret Yates, BMI
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W Must pre-register
2:55 PM3:10 PM	Break			
3:10 PM4:10 PM	Control Valves: Removing the Mystery Steve Causseaux, CIMCO	Nitrogen Removal and Process Control Sue Lawrence	It Takes Both Sides to Build a Bridge Greg Lacquement & Shawn Penninger, Pendleton	OESAC #3388 Garret Yates, BMI
	0.1 W	0.1 WW	0.1 W0.1 WW	0.1 W Must pre-register