

# 2019 Idaho Reuse & Operators Conference

## Tuesday May 21 Agenda\*

Start time	End time	Wastewater Track	Drinking Water/ Reuse Track	Laboratory Track	Collections/ Pretreatment Track	Tours
		Aspen Room	Grand Ballroom	North Star Room	Cinnabar Room	
7:00 AM	8:30 AM	<b>Breakfast Buffet</b>				
8:30 AM	9:45 AM	<b>Operators Conference Opening Session: The Importance of Operators in Water</b> The Evolving Operations Environment in the Water Industry: What is the Operator's Role Moving Forward? John Tippets, DEQ Director and Art Umble, Stantec and Jay Irby, President of SWIOS				
9:45 AM	10:00 AM	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
10:00 AM	11:00 AM	Phosphorus Mass Balance and Struvite - Rick Kelly, Brown and Caldwell	Harmful Algal Blooms: Management Options for Water Utilities - Stephanie Smith, Xylem	Making Sense of Microbiological Sampling - Jay Garland National Exposure Research Laboratory, USEPA	Collection System Troubleshooting - Keith Slack, City of Boise	
11:00 AM	11:15 AM	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
11:15 AM	12:15 PM	Operational Troubleshooting of Biological Nutrient Removal Systems - Bill Leaf, Jacobs	Operating Data and Lessons Learned from Sunny Slope Water Company's Microvi Nitrate Removal System - Adrian Williams, WesTech Engineering	IPDES Permit Development Information: How Facility Operations Inform the Permit Process - Kate Harris, City of Boise	Hydraulics Primer - Rich Wiebe, City of Boise	
12:15 PM	1:30 PM	<b>Lunch Buffet &amp; Vendor Booths</b>				Tour bus/van will be at Riverside Ballroom Lobby Entrance
1:30 PM	2:30 PM	Optimization of Biological Nitrogen Removal: Practical Considerations - Tyson Schlect, HDR	UV Disinfection, From Wastewater to Water Reuse and Beyond - June Leng, HDR	BNR and Microscopy Part 1: BNR System Overview - Rick Kelly, Brown and Caldwell	Industrial Pretreatment - Tyson Knudsen, CES	At 1:30 pm tours leave Riverside. Meet bus by 1:15 pm. Must be pre-registered for CS Beef or 20 Mile South Farm tour.
2:30 PM	2:45 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
2:45 PM	3:45 PM	Tips from a Roadie to Tune Up Your O&M Manuals - Andy O'Neill, WA Dept. of Ecology	Operations and Energy - Chellie Jensen, Idaho Power and Wendy Waudby, Cascade Energy	BNR and Microscopy Part 2: Use of Microscopy to Evaluate AS and BNR Systems - Rick Kelly, Brown and Caldwell	Lean a Little Bit Closer: Twin Falls Grandview Sewer - Mark Cummings, Murraysmith	
3:45 PM	4:00 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
4:00 PM	5:00 PM	Nutrient Recovery Using Advanced Biological Nutrient Recovery - Brian Richichi, CLEARAS	Now Serving Unleaded Drinking Water - Terry Tucker, Castle Mountain and Kenny Everhart, Wilderness Ranch	Whole Effluent Toxicity: Introduction, Regulation, Tips for Success - Kate Harris, City of Boise	Temporary Sewer Bypass Pumping - John Laible and Cary Jensen, Rain for Rent, Keith Slack, City of Boise	
5:00 PM	6:00 PM	<i>Break</i>				
6:00 PM	8:00 PM	Operators Awards Banquet in Grand Ballroom - SWIOS, SEIOS, NIOS awards and raffles				

\*unforeseen circumstances may cause agenda to change