

2024 Water Week Conference Schedule



TUESDAY (November 12, 2024)

A separate, paid registration is required to attend a pre-conference workshop. On-site registration is NOT accepted.

1:00 PM – 4:15 PM	Pre-Conference Workshop #1: Understanding and Assessing Risks to Drinking Water using THREATS™ 0.3 CEUs (Maligne/Morraine Room)	Pre-Conference Workshop #2: Purpose and Benefits of Alarm Rationalization 0.3 CEUs (Amethyst/Emerald Room)	Pre-Conference Workshop #3: Chloramines (Total Chlorine) Boosting 0.3 CEUs (Rundle Room)
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WEDNESDAY (November 13, 2024)

A separate, paid registration is required to attend a pre-conference workshop. On-site registration is NOT accepted.

8:30 AM – 11:45 AM	Pre-Conference Workshop #4: Optimizing Wastewater Biology with Bioaugmentation 0.3 CEUs (Maligne/Morraine Room)	Pre-Conference Workshop #5: Water Analysis Basics 0.3 CEUs (Amethyst/Emerald Room)	Pre-Conference Workshop #6: Robotics Assistance for Operators 0.3 CEUs (Silver Birch Room #7)
11:45 AM	Conference Official Opening Lunch - Main Ballroom (Palisades, Logan, Robson) Sponsored by WasteGo		
12:30 PM	Alberta Environment and Protected Areas - Drinking W&WW Program Update Steve Craik, Jasmine Wang, Jeffrey Wu, Christine Donovan, Alberta Environment and Protected Areas		
1:30 PM	Alberta Environment and Protected Areas - Audits, Inspections and Investigations Michael Conboy, Alberta Environment and Protected Areas		
2:00 PM	Break		
	Session A (Maligne/Morraine)	Session B (Amethyst/Emerald)	Session C (Silver Birch #7)
2:15 PM – 2:45 PM	EPHS - Drinking Water Safety Program in First Nation Communities - Kyle Wonsiak, Indigenous Services Canada	Basic Ways to Assess Your SCADA Systems Security - Malkolm Alburquenque, Exceed Electrical Engineering Ltd.	Expedited Repairs for Critical Watermains - Dave Brewer, USC Utility Supply (Corp.) West
2:50 PM – 3:35 PM	Optimizing Freshwater Quality through Advanced Oxygenation Techniques - Dhaval Vaghasiya & Ray Menard, ACC Water Solutions Inc.	Photoionization: A Superior Odor Control Technology for Wastewater Lift Stations and Treatment Facilities in Challenging Canadian Climates - Dave Van Vliet, NeutraTek Odour Solutions LP	Condition Assessment of Cast and Ductile Iron Pipe Watermains, Where to Start? - Sam Ghosn, DIPRA
3:40 PM – 4:10 PM	Athabasca River's Shifting Waters: Monitoring Changes in Wood Buffalo's Source Water - David Graham, Regional Municipality of Wood Buffalo	Control System Standardization - Dave Meindertma & Zane Spencer, MPE, a division of Englobe	Curbstop and Line Repair – Innovative Solutions - Keith Straub, Town of High Level & Wayne Isaac, Easy Tech Infrastructure Group Ltd.
4:15 PM – 4:45 PM	Some Like it Hot! Actions to Address Algae Issues - Dorte Koster, Associated Environmental Consultants Inc.	Corrosion Control in Municipal Collection Systems - David Speed, BioMaxx Environmental	Modern Disinfection Methods, with a Focus on Chlorine: Critical Do's and Don'ts - Conor Heeney, Endress+Hauser
7:00 PM	Pub Night – Sponsored by ACC Water Solutions and Klearwater Equipment & Technologies – DoubleTree Hotel, Silver Birch		

THURSDAY (November 14, 2024)

	Session A (Maligne/Morraine)	Session B (Amethyst/Emerald)	Session C (Silver Birch #7)
8:30 AM – 9:00 AM	PFAS Monitoring and Management at The City of Calgary - Victoria Arnold, The City of Calgary	Tackling H2S and FOG in Your Sewer! Town of Diamond Valley Project Review - Jonathan Lee, ActiZyme Products Ltd.	Maximizing your Variable Speed Pumping Reliability - Paul Wright, Helix Corp
9:05 AM – 9:50 AM	Powdered Activated Carbon - Options for Organics Removal - Hashanth Sasitharan, Capital H2O Systems Inc. & Brett Smith, Prominent Fluid Controls	Asset Creation from a Liquid Liability: Is the Evaplant Technology Appropriate for Alberta Wastewater Applications? - John Lavery, Groupe Ramo Inc.	Changes to the Information Flow of Bacteriological Sampling Results - Deborah Crominski, Alberta Environment and Protected Areas
9:45 AM	TRADE SHOW Main Ballroom (Rundle, Robson, Logan, Palisades) 12:00 pm Lunch with Exhibitors 2:15 pm FINAL GRAND PRIZE DRAWS (Must be in attendance to claim prize)		
2:30 PM	Break		
2:45 PM – 3:15 PM	Risk Management Across Canadian Provinces: Perspectives from Operators to Regulators - Emma Wells, University of Colorado	Targeted WBS: Moving Upstream of the WWTP - Michael Bosdet, CEC Innovations Ltd.	Responding to Emergencies - Kevin Johnson & Jay Wray, Rocky View Water Co-op
3:20 PM – 4:05 PM	Predictive Maintenance in the Digital World - Keith Berriman, Spartan Controls	Occurrence of 6PPD-quinone in Environmental Waters - Desiree Hui, AGAT Laboratories	Artificial Intelligence Solution to Reduce Water Loss (Non-Revenue Water) - Helio Samora, SmartAcqua Solutions Inc.
4:10 PM – 4:40 PM	Machine Learning for Multiparameter Coagulation Optimization in Western Canada - Tyler Bennett, Coagtech Ltd.	The Wastewater Treatment Plant is on Fire – From Emergency Response to Recovery - Tom Marstaller, City of Red Deer	Droning - Michael Kurys, Strathcona County
7:00 PM	WEM Rec Room Night – West Edmonton Mall, The Rec Room		

FRIDAY (November 15, 2024)

8:30 AM	Special Presentation: Working Towards Resilient Infrastructure – A System Operator's Guide Grant Dixon, ATAP Infrastructure Management; Jen Beverly, University of Alberta; Owen James, Associated Engineering; Kendra Rukundo, Stantec; and Tim Yii, EPCOR Main Ballroom		
11:45 AM	Closing Remarks		