

T	Technical Session
---	-------------------

## MARCH 15 • WEDNESDAY

1:30pm – 2:15pm	T <b>Session A - AI for Coagulation at the Lethbridge Water Treatment Plant, City of Lethbridge</b> <i>Speakers: Tyler Bennett, Cody Hofman</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:15pm	T <b>Session B - BNR Optimization at the Banff WWTP: Adjusting to a Global Pandemic in a Tourist Town</b> <i>Speakers: Nathan Vis</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:15pm	T <b>Session C - IPD Speaks Louder than Traditional Project Deliveries</b> <i>Speakers: Aura Robinson</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:15pm	T <b>Session D - Give Pressure the Respect it Deserves</b> <i>Speakers: Pacific Flow Control Brandon Pater</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:15pm – 2:45pm	T <b>Session A - (More) Lessons Learned from a Northern WTP Evaluation</b> <i>Speakers: Sarah Larlee</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:15pm – 2:45pm	T <b>Session B - Neerlandia Lagoon Expansion, A Functional Small System Upgrade</b> <i>Speakers: Travis Wierenga</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:15pm – 2:45pm	T <b>Session C - Effective Management of Workplace Chemical Exposure Injuries</b> <i>Speakers: Justin Pellerine</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:15pm – 2:45pm	T <b>Session D - Leak and Infiltration Mitigation for Municipal Water &amp; Sewer Mains</b> <i>Speakers: Larry Young</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session A - A Tale of Ten Thousand Straws: Overview of Hollow Fiber Nanofiltration for Canadian Water Treatment Applications</b> <i>Speakers: Delco Water</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session B - Bioaugmentation for the Environment: An Operators Perspective</b> <i>Speakers: Colin Brushett, Norm Grexton, Nancy McAteer</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session C - Mitigating Risk to Your Water and Wastewater Utility with ISO/IEC 17025:2017</b> <i>Speakers: Kevin McKinley, Klas Ohman</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session D - Sustainable Delivery of Major Projects in Small Communities</b> <i>Speakers: Ryan Laboucan, Andy Tenham</i>	Banff Park Lodge (222 Lynx Street, Banff)

**MARCH 16 - THURSDAY**

9:00am – 9:30am	T <b>Session A - Nature's Water Purifiers: The Role of Biofiltration in Groundwater Treatment</b> <i>Speakers: Andrew Sheroubi</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:00am – 9:30am	T <b>Session B - How the Operator is Truly Understood During Design &amp; Construction</b> <i>Speakers: Deon H.J. Wilner, Lanny Code</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:00am – 9:30am	T <b>Session C - 2023 AWWOA Banff Modern Magnetic Flowmeter</b> <i>Speakers: Dean Rudd</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:00am – 9:30am	T <b>Session D - Data Integration and Consolidation: Easy as Pi</b> <i>Speakers: Amanda Bron, Brittany Fehr</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:30am – 10:15am	T <b>Session A - EPCOR WTP Phosphoric Injection for Lead Mitigation</b> <i>Speakers: Kendra Carlson, Tim Yii</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:30am – 10:15am	T <b>Session B - Rocky View County Employs an Innovative Solution to Increase WWTP Capacity</b> <i>Speakers: Chris Howorth</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:30am – 10:15am	T <b>Session C - Harmonics - The Silent Killer (How to Manage Harmonics with Respect to Variable Speed Drives)</b> <i>Speakers: Riaan van Jaarsveld, Ammar Rashid</i>	Banff Park Lodge (222 Lynx Street, Banff)
9:30am – 10:15am	T <b>Session D - Leveraging AMI Technology to Reduce Time and Streamline Operational Efficiencies</b> <i>Speakers: KTI, Jamie Parks</i>	Banff Park Lodge (222 Lynx Street, Banff)
10:45am – 11:15am	T <b>Session A - Oxygenation Techniques for Stormwater and Raw Water</b> <i>Speakers: Ray Menard, Dhaval Vaghasiya</i>	Banff Park Lodge (222 Lynx Street, Banff)
10:45am – 11:15am	T <b>Session B - The Use of Full-Scale Wastewater Treatment Validation Planning and Testing for Expansion Projects</b> <i>Speakers: Andrew Frankiw, George Kewley</i>	Banff Park Lodge (222 Lynx Street, Banff)
10:45am – 11:15am	T <b>Session C - Record Keeping-An Operator's Responsibility</b> <i>Speakers: Tammy Elzinga, Curtis Horvath</i>	Banff Park Lodge (222 Lynx Street, Banff)
10:45am – 11:15am	T <b>Session D - Lift Stations the INs and OUTs</b> <i>Speakers: David Benke</i>	Banff Park Lodge (222 Lynx Street, Banff)
11:15am – 12:00pm	T <b>Session A - Test Water Samples for Bacteria "Anywhere by Anyone" with VeloCens™ + Fully Digital Data Management System</b> <i>Speakers: Amirreza Sohrabi</i>	Banff Park Lodge (222 Lynx Street, Banff)
11:15am – 12:00pm	T <b>Session B - Clean Chemistry Lowers the Cost to Treat Wastewater by Improving Treatability: A Case Study on Nanobubble Pre-treatment</b> <i>Speakers: Don Ebenal, Jason VerHoef</i>	Banff Park Lodge (222 Lynx Street, Banff)
11:15am – 12:00pm	T <b>Session C - Smart City Water - Helping you define IOT</b> <i>Speakers: Gareth Price</i>	Banff Park Lodge (222 Lynx Street, Banff)
11:15am – 12:00pm	T <b>Session D - Canadian Elimination of Corrosion in Municipal Services</b> <i>Speakers: USC UTILITY SUPPLY (WEST) CORP</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:00pm	T <b>Session A - From Source to Sink: How are Utility Staff Protecting Water Safety through Risk Management?</b> <i>Speakers: Emma Wells</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:00pm	T <b>Session B - Wastewater Operator Training on Regulatory Approvals at The City of Calgary</b> <i>Speakers: Brenda Casella, Sandra Kotch</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:00pm	T <b>Session C - Disaster Recovery</b> <i>Speakers: Marty Ivy</i>	Banff Park Lodge (222 Lynx Street, Banff)
1:30pm – 2:00pm	T <b>Session D - Crafting Simple but Efficient Pumping Optimization Strategies to Control Odors at Lift Station Discharge Points – Crafting Simple but Efficient Pumping</b> <i>Speakers: Bappi Chowdhury</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:00pm – 2:45pm	T <b>Session A - Inlet Filter Bed Flow Measurement by Non-Intrusive Ultrasonic Technology</b> <i>Speakers: Tim Jones</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:00pm – 2:45pm	T <b>Session B - A Wastewater Operators Journey into Power Plant Operation</b> <i>Speakers: Morgan Briggs, Zach Lijdsman</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:00pm – 2:45pm	T <b>Session C - An Operator's Perspective on the Chetamon Wildfire</b> <i>Speakers: Trevor Escott, John Greathead</i>	Banff Park Lodge (222 Lynx Street, Banff)
2:00pm – 2:45pm	T <b>Session D - On-Site Sodium Hypochlorite Generation: A Safe and Reliable Disinfection Alternative to Bulk Sodium Hypochlorite and Gas Chlorine</b> <i>Speakers: Ethan Brooks</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session A - Local Testing of a New Online Chlorine Instrument</b> <i>Speakers: Capital H2O Systems, Inc.</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session B - Radar for Digesters</b> <i>Speakers: Aarthie Fernando</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:00pm – 3:30pm	T <b>Session D - Sanitary Sewer Condition Assessment Program - CCTV Inspections and Reporting</b> <i>Speakers: Ted Larson, Alexa Levair</i>	Banff Park Lodge (222 Lynx Street, Banff)
3:30pm – 4:00pm	T <b>Session A - D-AM: Enter the Unreal Dataverse</b> <i>Speakers: Tim Ainscough, Garnet Dawes</i>	Banff Park Lodge (222 Lynx Street, Banff)

---

3:30pm – 4:00pm      T **Session B - Stratavault Soil Cells and Stormwater Management**      Banff Park Lodge (222 Lynx Street, Banff)  
*Speakers: Eric Keller*

---

3:30pm – 4:00pm      T **Session D - Walterdale's Bane**      Banff Park Lodge (222 Lynx Street, Banff)  
*Speakers: Nicholas Brownoff, Ryan Powell*

---

**MARCH 17 • FRIDAY**

---

8:30am – 11:45am      T **Friday Session - Operator Involvement in Projects - When is the right time?**      Banff Park Lodge (222 Lynx Street, Banff)  
*Speakers: Grant Dixon, Sue Howard, Sam Johnson, Lora Mattie, Daniel du Toit*

---

11:45am – 11:50am      T **Seminar Closing Remarks**      Banff Park Lodge (222 Lynx Street, Banff)  
*Speakers: Mike Bureaud*

---