

Sunday, November 2

Time						
To be Announced	Exhibitor Set up					
To be Announced	Conference Registration					
7:00 pm	Welcome Reception					

Monday, November 3

To be added	Conference Registration and Breakfast					
8:30 am – 10:00 am	Opening Plenary					
10:00 am	Refreshment Break					
10:30 am – 12:00 pm	Water Efficiency - Managing Water Loss	Biosolids (1)	Drinking Water Treatment (1)	Infrastructure Failures and Emergency Response (1)	Emerging Contaminants in Water/Wastewater Streams	Drinking Water Safety and Utility Management – Lessons for Canadian Water Utilities 25 Years After Walkerton
	Montreal's potable water network optimization project Jean Lamarre and Sébastien Lacasse, Ville de Montréal	Resource Recovery as Part of Integrated Wastewater Treatment and Solids Management Dr. Don Mavinic and Laurie Fretz, Boost Environmental Systems Inc.	Enhancing Resiliency of WTPs with Biological Treatment of Drinking Water: Introduction to AWWA MOP M80 Hayat Raza, Continental Carbon Group	Looking back at Calgary's 1950mm (78") PCCP Feeder Main Failure Justin Hebner, Pure Technologies Ltd., a Xylem brand	Nanoparticles in Water Systems: Emerging Contaminants and Advanced Tracers for Flow Path Characterization Felix Nyarko Avatar, University of Guelph	Introduction Laith Furatian , City of Abbotsford  Management Systems and Water Utilities Andrew Henry, Lake Huron and Elgin Area Water Supply Systems
	Hide and Leak: Finding Hidden Leaks with a Special Tool – the Water Meter. Joshua Adair and Oleks Rudkovskyi, Kamstrup Water Metering	A Resource Recovery Prioritisation Tool for The UK and Irish Water Industry Peter Talboys and Stephen Riches, AtkinsRéalis	Converting Aqua Ammonia to Liquid Ammonium Sulphate in EPCOR's Rosedale Water Treatment Plant	From Basement Flooding to Developing Wastewater Infrastructure Solutions to Meet Future Needs in	Examining the Persistence of Two Common Antibiotics in Drinking Water Systems: A Controlled Laboratory Study	Ontario's Quality Management Experience

			Amanda Bilotta, Associated Engineering and Jonathan Schoepp, EPCOR Water Services	Downtown City of Toronto Christine Hill, Arcadis	Yves Fillion Queen's University	Michèle Grenier, Ontario Water Works Association (OWWA)
	Eyes on the Prize. City of Hot Springs Takes a Platform Approach to Solve their NRW Losses Michele Samuels, Xylem Vue Canada, Xylem	Improving Biomethane Potential of Various Organic Wastes Using A Low Temperature Thermal Chemical Hydrolysis Process Ajay Singh, Lystek International Corp.	How Continuous Ultra Filtration and SiC Membranes Provide Environmental Advantages Brian Butters, Purifics Water Inc.	Tool for determining the need for a boil water advisory following work on the aqueduct Jean Lamarre and Michel Périard, Ville de Montréal	Comparison of the removal of over 400 contaminants of emerging concern in a wide diversity of WRRF technologies – a comprehensive experimental study Coline Milhau and Peter Vanrolleghem, modelEAU - Université Laval	Voluntary Adoption of Quality Management Inder Singh, Metro Vancouver and Jeff Charrois, Metro Vancouver  Panel Discussion
12:00 – 1:30	Networking Lunch					
1:30 – 3:00	Water Efficiency Programs	Biosolids (2)	Regulations and Standards	Infrastructure Failures and Emergency Response (2)	Climate Change (1)	Foresight and AquaAction – research, utility and private sector partnerships
	Does One Size Fit All? Examining Watering Regulations in the City of Vancouver Neal Klassen, City of Vancouver	Advances in Hydrothermal Treatment of Wastewater Sludges Stephen Riches, Atkinsrealis	The amended Wastewater Systems Effluent Regulations – How things are going Karissa Aubie, Environment and Climate Change Canada	Implementing Emergency RO Treatment at the Brantford WTP Michael McKie, CIMA	Enhancing Resilience through One Water System Risk Management Aline Bennett, WSP Global Inc. and Colwyn Sunderland, Kerr Wood Leidal and Harshan Radhakrishnan, Engineers and Geoscientists BC	Anne-Pascale Richardson, AquaAction  Kariann Aarup, AquaAction  Nina Bader, Foresight
	Value of Water - Feasibility of reusing reclaimed water from WWTPs and	Influence of digestion and thermal hydrolysis on pyrolysis of municipal sewage sludge	New Sector-Specific Management Standard for Wastewater	"Never Let a Good Crisis Go to Waste": How a Sanitary Sewer Failure Helped Shape Kitchener's	Planning and managing for risks in the face of future uncertainty	

	depressurization wells Jennifer Khemai, The Regional Municipality of York and Oya Koc, Hatch	Bill Barber, Cambi Inc	Edgar Tovilla, City of Markham	Water Infrastructure Program. Bu Lam, City of Kitchener	Alicia Fraser, Capital Regional District (CRD) Meghan Ewing, Canadian Water Network	
	Water Supply and Conservation in Victoria: The Capital Regional District's new Water Conservation Plan Colwyn Sunderland, Kerr Wood Leidal and Kirk Stinchcombe, Econics and Kristi Wilson, Capital Regional District	Odour Control Technology to treat 'all' foul air pollutants in municipal wastewater and biosolids rather than select odours. Dave Van Vliet and Shan Shanchayan, NeutraTek Odour Solutions	Standardize the term "flushable" for safer sewer systems! Barry Orr, Capital Regional District	Emergency management of water infrastructure in Montreal Jean Lamarre, Ville de Montréal	Water Management Standards to Support Climate Change Adaptation and Resiliency Jessica Akande, Standards Council of Canada	
3:00 – 3:30	Refreshment Break					
3:30 – 5:00	Water Efficiency - Getting, Interpreting and Using Water Data	Stormwater Management (1)	Underground Infrastructure (1)	Risk Management	Climate Change (2)	AssetAdapt+ Cohort: Integrating Adaptation + Sustainability for Capital Project Funding Success!
	Continuous and Proactive Water Loss Management Ashwin Mohan, Hetek Solutions Inc.	Harrington Mews Sinkhole Response and Recovery Kevin Syrnick, City of Regina	From Risk to Reliability: Proactive Condition Assessment and Prioritized Repairs for Crofton Mill's Critical Water Supply Pipeline Javed Mukri, Pure Technologies Ltd., a Xylem brand and Aiden	Volatility is the Name of the Game: Ensuring Chemical Supply Continuity in Times of Uncertainty Sarah Wilson, City of Toronto	From Data to Decision-Making: The Role of CCCS in Disseminating Flood Hazard Information Dhouha Ouali, Environment and Climate Change Canada	Lourette Swanepoel Canadian Society for Civil Engineering  This session will offer an introduction to the PIEVC protocol and the Envision framework, and will reflect on the

			Weckesser, Engineer, Catalyst Paper Mill			work of the AssetAdapt+ Water / Wastewater Cohort* – demonstrating key considerations for enhancing capital project value to the community and increasing alignment capital funding expectations such as GMF.
	Towards a National Approach to Water Use Accounting Colwyn Sunderland, Kerr Wood Leidal and Kirk Stinchcombe, Econics	"Extra Eyes" Help Manage Sewer Overflows at the City of Buffalo Michele Samuels, Xylem Vue Canada, Xylem and Rasaleen Nogle, Buffalo Sewer Authority	Striking a Balance in the North: How Edmonton Gets the Most from Its Water Transmission Main Condition Assessment Program Justin Hebner, r, Pure Technologies Ltd., a Xylem brand	Enhancing Resilience in Water Treatment: Risk Management Strategy for the Next Decade Nicole McLellan, Stantec Consulting	Lessons Learned from Recovery of a Drinking Water System after the 2021 Atmospheric River Event in Merritt BC Marta Green, Associated Environmental	
	The City of Regina's Journey to Advanced Metering Infrastructure Angela Zapp, Neptune Technology Group and David Hughes, City of Regina	Stormwater Management Facility Safety - Successful Assessment and Engagement to Modify Behaviors Nicola Lewin, EPCOR Water Services Inc.	Updating Design Criteria: Data Mining and Statistical Analysis to Right-Size Infrastructure Bradley Jenks, Kelvin Meng and Fabian Papa, Hydratek & Associates and Freddy Baron, York Region	Mitigating Risk to your Water and Wastewater Utility with ISO/IEC 17025:2017 Standard – Has 25 years after Walkerton made a Difference? Jennifer Blayney, CRD and Klas Ohman, Associated Engineering	Predicting Climate Change Impacts to Chlorine Longevity in a Drinking Water Distribution System Laura Meteer, Queen's University	
	Power Hour					
	CWWA Annual General Meeting					
	Night on the Town					
Tuesday, November 4						
To be added	Conference Registration and Breakfast					
8:30 – 10:00	AI and Digital Solutions (1)	Stormwater Management (2)	Energy Efficiency (1)	Planning for Large Projects	Climate Change: Greenhouse Gas Reduction	Building Value: Financially Sustainable Water Solutions for Canadian Utilities
	Prioritizing Water Infrastructure with Artificial Intelligence	City of Vancouver's Combined Sewer Overflow		Ruthven WTP Capital Upgrade Program – Using a	Climate Insight: Actionable Data for Low-carbon, Resilient	

	Laurie Rennich, Itron Canada, Inc.	Management Plan & Pathways to Healthy Waters Brent Robinson, Brown and Caldwell , Chris Baber, City of Vancouver and Sara Pour, KWL		Collaborative Project Delivery to Address Upgrade Needs Rodney Bouchard, Union Water Supply System Inc. and Shawn Yu, Alberici Constructors Ltd. and Vincent Laplante, Associated Engineering	Community Water and Wastewater Infrastructure Ewa Jackson and Joshua Kelly, ICLEI Canada	
	Decision Support via Machine Learning: An Efficient Way for Utilities to Do More with the Resources at Hand David Booth and Stan Fong, Digital Water Solutions Inc.	Beyond Wet Weather Flow Relief: Deep Trunks and Diversions in the Region of Peel Graeme Henderson, Hatch Ltd.	Online Pump Efficiency - Yes You Can Adam Plumstead, Eramosa, A CIMA+ Company	From Planning to Implementation: Building Support for the CRD's Multi-Generational Water Infrastructure Program Jude D Grounds, Carollo Engineers and Joseph Marr, CRD	Overall greenhouse gas emission reductions in infrastructure intensification of water resource recovery facilities Peter Vanrolleghem, modelEAU - Université Laval	
	Bringing Data Together to Effectively Obtain a Holistic View of the Water System Rodney Bouchard, Union Water Supply System Inc. and Tim Sutherns, Digital Solutions, Eramosa Engineering Inc., a CIMA+ Company	Wet Weather Flow Reduction Success Utilizing a Public-Private Partnership Framework Matt Malone, Civica Infrastructure Inc.	Tapping the Hidden Grid: Wastewater Energy Transfer for Urban Heating, Cooling, and Domestic Hot Water Michael Albertson, SHARC Energy	CWD Reservoir Replacement Project Jason Hildebrandt, Clearbrook Waterworks District and Joel McAllister, Onsite Engineering Ltd.	Analyzing Existing System GHG Emissions Impacts to Support Master Planning Projects Emily Snoei, CIMA+	
10:00 – 10:30	Refreshment Break					
	AI and Digital Solutions (2)	Wastewater Disinfection	Energy Efficiency (2)	New Approaches in Planning (1)	Charting the Course to Net Zero Water in Canada – Canadian Water Network	Natural Infrastructure

	Addressing Ontario's Directive to Accelerate New Housing and Using the p-CAT Suite of Tools for Pipe Condition Assessments within Growth Designated Municipalities Harrison Richarz, GREENLAND Consulting Engineers and Mark Palmer, Greenland Consulting Engineers	Comparing Disinfection Efficacy in Real Versus Pristine Laboratory Microplastics Rasha Maal-Bared, CDM Smith	The Impact of the Water-Energy Nexus Approach on Water Supply and Wastewater in Cities: A Spatial Analysis of Resource Use, Availability and Synergies Maira Fares Leite, Polytechnique Montreal	Leveraging Asset Management Concepts and Innovative Technologies for Sustainable Infrastructure Rehabilitation and Construction in the Region of Peel Terry Martins, TCI Carbon Fibre	Presentations and panel discussion to be added	Presentations and panel discussion to be added
	Predicting Zonal Demands Using Deep Learning Ehsan Roshani and Pavel Popov, National Research Council of Canada	Taking the Road Less Travelled: Ozone for Wastewater Disinfection Michael McKie, CIMA	Drumquin Wastewater Pumping Station: how moving it significantly reduced future energy requirements. Peter Rusch, Hatch	Water Treatment and Service Level Decision Matrix for Water Systems in Newfoundland and Labrador Deneen Spracklin, Government of Newfoundland and Labrador		
	Beyond the Filter: Inside Canada's Most Advanced AI-Powered Water System — LESSONS FROM SEOUL B.J. Min and Olly Ejere, ecoAI INNOVATES	2025 Case Studies - Model-based Optimization of Disinfection Chemistries - Region of Peel & Baton Rouge Ashley Boulter and Ian Watson, USP TECHNOLOGIES	Diverting Municipal Wastewater Towards Sustainability: A Brief Overview of the Diversion System Designed for the MDE WET Project Asantha Fonseka and Subhajit Mondal, R.V. Anderson Associates Limited	New Approaches to Meet Today's Challenges Maureen Hodgins, Water Research Foundation		
12:00 – 1:30	Lunch					

1:30 – 3:00	Digital Solutions for Underground Infrastructure	Wastewater Treatment	Energy Efficiency Grant and Implementation	New Approaches in Planning (2)	From Insight to Implementation: How Municipalities Can Use HICC's Climate Toolkit to Build Resilient Water Infrastructure	Top 50 Water Projects – Water Canada Magazine
	AI-Based Sensor Anomaly Detection for Collection System Sensor Networks Diana Tao, Tetra Tech	The effects of nanobubbles on wastewater treatment: a bench-scale study Rasha Maal-Bared, CDM Smith	Interactive Workshop details coming soon	Infrastructure Projects as Catalysts: Leading Change Through Delivery Samantha Brickman, City of Kitchener	Join us for an interactive session on how the Climate Toolkit for Housing and Infrastructure can support the delivery of climate-resilient water, wastewater, and stormwater infrastructure. Through live demonstrations, practical guidance on climate-related funding requirements, and a structured peer exchange, participants will explore tailored tools, data, and expert support to help advance their projects. The session also offers a valuable opportunity to share on-the-ground experiences, surface good practices, and shape the future of Climate Toolkit services to better reflect real-world community needs.	
	The Use of AI in asset management Gord Henrich, PIA-Global and Harrison Richarz, PIA-Global	Innovative Ammonia Removal via Struvite Precipitation at an impressive scale Majid Benabess, AtkinsRéalis		Data Governance in Practice- how to manage & improve data quality Emily Zegers, City of Toronto		
	Practical Sensory System Design in Real Water Distribution Systems Using Unsupervised Learning Ehsan Roshani and Pavel Popov, National Research Council of Canada	Using Acoustic Technology to Prioritize Sewerline Maintenance in the City of Waterloo, Ontario Anthony Abbruscato, Rapid Assessment Technology Services (RATS) Inc. and Leigh McDermott, Corporation of the City of Waterloo		Qualification Based Selection (QBS) Carl Bodimeade, Hatch		



3:00 – 3:30	Refreshment Break					
3:30 – 5:00	Utility and Watershed Management	Wastewater Monitoring	Drinking Water Distribution Systems - Biofilms	New Approaches in Planning (3)	Decision Making – engagement and consultation	Top 50 Wastewater Projects – Water Canada Magazine
	State of Watershed Governance in British Columbia Oliver Brandes and Rheanne Kroschinsky, POLIS Water Sustainability Project, University of Victoria Centre for Global Studies	Real-Time Wastewater Process Benchmarking: Using Data More Effectively John Copp, Primodal Inc	Current state of research and emerging opportunities for the use of UV light for biofilm control in water applications Stephanie Gora, York University	Standardizing the Approach to Managing Construction Impacts from Capital Projects Jennifer Crosby, Metro Vancouver	Engaging Community to Ensure Indigenous Knowledge Inclusion Freda Leong and Tyra Phillips, Associated Engineering	
	Overview of A Ten-Year Journey of Empowering Utility-led Innovation Indra Maharjan and Jason Carter, Arcadis Canada	Wastewater and Environmental Monitoring Robert Delatolla, Univeristy of Ottawa	What Happens to Biofilm Integrity When It is Exposed to Chlorine? Yves Filion, Queen's University	Operationalizing resilience to inform urban water supply planning and management Aina Crozier, University of British Columbia	EPCOR Water Treatment Plant Flood Mitigation and Indigenous Engagement Vicki Campbell, EPCOR Water Services	
	Advancing Water Quality Management through a Total Loading Approach Steph Neufeld, EPCOR	Using microbial source tracking in an urban setting to aid in the identification of storm/sanitary lateral cross-connections. Graham Banting, EPCOR Water	Can drinking water biofilms accumulate cyanotoxins? An experimental approach using a full-scale drinking water laboratory facility. Artur Sass Braga and Yves Filion, Queen's University	Awareness and Advocacy: Using a Digital Solution to Effectively Participate in Legislative Consultations October Bell, Peel Region		
7:00	Conference Celebration					



Conference Registration and Breakfast						
8:30 – 10:00	Water and Wastewater Research		Miscellaneous	Insights and Research into Utility Management	Indigenous Water Challenges	Infrastructure Resilience – a year after the Year of Disasters, how are we preparing for the next failure
	UV LED Innovation in Water Treatment: Advancing Disinfection and Photolysis for a Mercury-Free Future Carolina Ontiveros, Jessica Bennett, Sean MacIsaac and Graham Gagnon, Dalhousie University		Safe Green Alternatives for Biofouling Prevention: Optimizing Desalination Technology to Promote Water Conservation and Equitable Clean Water Access Luiz Henrique Da Silva Correa, University of Victoria	Insights from across the pond on next-generation water quality management Bradley Jenks and Fabian Papa, Hydratek & Associates and Ivan Stoianov, Imperial College London and Kevin Henderson, Bristol Water	Operator Training & Accreditation... an Indigenous Perspective Glen Goodman and Melanie Debassige, Ontario First Nations Technical Services Corporation	More information coming soon
	Monitoring Adenosine Triphosphate (ATP) in a Drinking Water Distribution System Rasha Maal-Bared, CDM Smith		<del>Potomac River Tunnel – Maintenance of Flow Design</del> <del>Kerit Sharia, Hatch Ltd.</del>  Microbial Induced Corrosion of Concrete – What is going on in our sewers Alex Turnbull, Xypex Chemical Corporation	Mapping the City of Montreal Water Service research initiatives: a development tool Alexandra Prohet and Marie-Claude Besner, City of Montreal	Collaborative research in water and wastewater in decentralized truck-to-cistern systems in Nunavik Jessika Pickford and Stéphanie Guilherme, Université Laval	

	Rapid Detection of Antibiotic Resistance in Escherichia coli in the Presence of Ampicillin and Carbapenem Using Advanced Quantitative Culture Method Rayane Azani, Queen's University		From Snowmelt to Tap: Navigating Spring Runoff Challenges for Water Production at Edmonton Water Treatment Plants Bappi Chowdhury, EPCOR Water Services			
10:00 – 10:30	Refreshment Break					
10:30 – 12:00	Cyber Security	Underground Infrastructure (2)	Standards	PFAS Research and Removal	Small System Challenges	ULC Committee Panel – Utility Priorities for 2026
	Securing OT Systems in Water Wastewater by Addressing OT asset exposures on the internet. Austin Joe and Patrick Ford, Schneider Electric	Optimizing Dead-end Flushing for Resource Savings and Water Quality Laura Meterer, Queen's University	Frontiers in Drinking and Waste Water Certification Kathryn Foster, NSF International	Protection of sensitive downgradient receptors impacted by PFAS contaminated water via concentration and sorption technologies Jean Pare, CHEMCO INC.	Risk-Informed Strategies for Small Water Systems: Leveraging Existing Data for Proactive Pipeline Management Javed Mukri, Pure Technologies Ltd., a Xylem brand	More information coming soon
	Interested in a being part of a Water Cybersecurity Co-op? Mark Brosseau, EPCOR Water	Water Infrastructure Renewal Mark Knight, SIPP Americas LLC	The new CSA Wastewater Management Standard Edgar Tovilla, City of Markham	Optimized Method for Analyzing PFAS in Drinking Water to Assess the 2024 Health Canada Objective Tammy Chartrand, ALS	Can biological filtration for Iron and Manganese removal be improved? Karim Abouzeid and Rick Sen, Magnor	

	Cybersecurity for Automation Systems in the Water Sector Zane Spencer, MPE a division of Englobe		Use of Standards in Utility Management Thomas Ellison, Cheffell Associates	Revolutionary PFAS Recovery Using Continuous Ultra Filtration & Colloidal Activated Carbon Brian Butters and Tony Powell, Purifics Water Inc.	Chesterville Groundwater Treatment – Meeting the New Manganese MAC in North Dundas, ON Meaghan Keon, J.L. Richards & Associates Limited	
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