

# 2025 Canadian Residuals & Biosolids Conference

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WINNIPEG MANITOBA

Raddison Hotel

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Session List <i>(subject to change)</i>	Author	Company
A resource recovery prioritization tool for the UK and Irish Water Industry	Richard Lancaster	AtkinsRealis
Advanced Chemical Modeling and Optimization of Struvite Recovery for Sustainable WWT Systems	Kehinde Ojasanya	University of Vermont
Advances in Hydrothermal Treatment of Wastewater Sludges	Stephen Riches	AtkinsRealis
Aluminum Phosphate Sludge as a Phosphorous Source for Maize Production in Low Phosphorous Soil	Quiyan Yuan	University of Manitoba
Anaerobic Digestion with Nutrient & H <sub>2</sub> S Control – What if Your Digesters were the Sidestream?	Matthew Williams	Thermal Process
Application of Advanced Thermal Conversion Technology - Addressing the knowledge gaps	Stephen Riches	AtkinsRealis
Are Biosolids Innovations Living up to the Hype?	Terry Goss	AECOM
ATADs Across Canada – Class A, the Aerobic Way	Matthew Williams	Thermal Process
Canadian Innovation in Waste-to-RNG: Lessons from Quebec City	Scott McKay	Fournier Industries
Centrifuge Advancement	Jason Boomhour	Flottweg
City of Winnipeg Land Application Program	Darren Keam	WSP
Co-digestion Case Studies in Two Water Resource Recovery Facilities	Ganesh Rajagopalan	AECOM
Collaborative Review of Biosolids Treatment Technologies for the City of Winnipeg NEWPCC Biosolids Facilities	Greg Piskosz	Stantec
Evaluating the Presence and Transformation of PFAS in Municipal Wastewater Treatment: A Case Study of the City of Selkirk	Raven Sharma	City of Selkirk
Evaluation of Various Sludge Digestion and Biosolids Storage Options for Simcoe WWTP in Norfolk County, ON	Maryam Reza	Hatch
Fate and Partitioning of Contaminants of Emergency Concern (CECs) During Hydrothermal Liquefaction of Wastewater Sludge	Tim Abbott	AECOM
Improving Biomethane Potential of Various Organic Wastes Using a Low Temp Thermal Chemical Hydrolysis Process	Ajay Singh	Lystek
LysteMize Livestock Waste Characterization Study: Expanding On-Farm Anaerobic Digestion Applications	Kelly Ward	Lystek
Odour Control Technology to treat all foul air pollutants in municipal wastewater and biosolids rather than select odours	Shan Shanchayan	Neutratek Odour Solutions
Odour Management Made Simple with Suneco Systems	Dan Leger	Prosolver
Optimizing Activated Carbon Systems for Municipal WWTP Odour Control	Hayat Raza	Continental Carbon Group
Optimizing Biosolids Management at a WWTP: A Comprehensive Evaluation of Aerobic Digestion Configurations	Amitesh Malhotra	Associated Engineering
Regional Approaches to Biosolids Management Challenges: Insights from Two Case Studies	Simon Meulendyk	Lystek
THP Digester Commissioning - A Review of Different Strategies	Greg Piskosz	Stantec
TKN In Biosolids: Testing Complexities and Ensuring Quality Results	Victoria Arnold	City of Calgary