

**Wednesday
September 23, 2009**

TIME	W	W	WW	WW
8:30 AM to 8:45 AM	W35 Hamilton's Buried Infrastructure Management Framework: Managing Risk through Analysis and Standardization	W41 Predicting the Settling Velocity of Flocs Using the Fractal Dimensions	WW35 Beneficial Effluent Re-use in Waterton Lakes National Park	WW41 Modeling, Designing and Constructing an Off-Line Wastewater Storage Facility to Provide Basement Flooding Relief in Saskatoon, SK
8:45 AM to 9 AM	Ross Homeniuk AECOM	Arman Vahedi University of Manitoba	Anita Selinger Associated Engineering	Eymond Toupin AECOM
9 AM to 9:15 AM	W36 Condition Assessment of A Critical PCCP Water Transmission Main in Hamilton, Ontario	W42 Development of a Calibration Tool for Water Distribution Models	WW36 Removal Mechanism of Estrogens in a Membrane Bioreactor with Powdered Activated Carbon Dosing	WW42 Integration of Condition Assessment and other Data into a Hydraulic Modeling Environment, Winnipeg, MB
9:15 AM to 9:30 AM	Marshall Gibbons AECOM	Kirby McRae AECOM	Wenbo Yang University of Manitoba	Chris Macey AECOM
9:30 AM to 9:45 AM	W37 How Thick are Our Pipes and Do They Leak? A New Survey Method to Non-Destructively Assess Pipe Wall Condition and Water Distribution System Leakage	W43 Real Time and Dynamic Modeling of Complex, Multiple Flow Paths through UV Reactors at the Deacon Booster Pumping Station, Winnipeg, MB	WW37 Sampling Protocol and Analysis of Micro-constituents: Lessons Learned	WW43 Gated Cross Correlation Velocity - A Breakthrough Technology for Wastewater Flow Measurement
9:45 AM to 10:00 AM	Marc Bracken Echologics Engineering Ltd.	Eymond Toupin AECOM	Mei Chen City of Calgary	Patrick Stevens ADS Environmental Services
10:00 AM to 10:30 AM	COFFEE			
10:30 AM to 10:45 AM	W38 Implementing an Integrated Approach to Water Main Asset Management in Winnipeg, Canada	W44 Thermal Evaluation of Water Distribution Systems	WW38 Uptake of Oil from Water Using Fungal Biomass	WW44 Connecting CMMS IT Systems and Mobile Operators to Water & Wastewater SCADA Systems
10:45 AM to 11:00 AM	Ross Homeniuk AECOM	Kirby McRae AECOM	Asha Srinivasan University of Regina	Marty Bince Wonderware PacWest
11:00 AM to 11:15 AM	W39 Asset Management: East Side Pump Station	W45 Energy Recovery in Water Systems	WW39 Investigating the Performance of an Aerated Grit Chamber	WW45 Feasibility of Restored Wetlands versus Source Reduction to Reduce Surface Water Phosphorus in Southern Manitoba
11:15 AM to 11:30 AM	Derek Trischuk Associated Engineering	Sean Bolongaro Associated Engineering	Afsana Habib University of Alberta	Joe Ackerman University of Manitoba
11:30 AM to 11:45 AM	W40 Customer Level of Service measures for water & wastewater assets along with the corresponding Asset Levels of Service and Operational Performance Measures	W46 Developing an EMS for a Large Water Supply System	WW40 Methanogenic Degradation of Leachate from Brady Road Landfill	WW46 Human Health Risk Assessments of a Treated Municipal Wastewater Discharge in Alberta
11:45 AM to 12:00 PM	Gareth Lifton CH2MHill	Susan Spruston AECOM	Stanislaw Lozecznic University of Manitoba	Dr. Gordon Brown Intrinsic Environmental Sciences
12:00 PM to 2:00 PM	WEF LUNCHEON			