

Tuesday  
September 22, 2009

TIME	W	W	WW	WW
7:30 AM to 8:30 AM	<b>Water for People Breakfast (Paid Admission)</b>			
8:30 AM to 8:45 AM	<b>W15</b> Optimization of Baffle Wall Configurations In Potable Water Reservoirs Using CFD Techniques	<b>W25</b> Steel Watermain Rehabilitation in Victoria	<b>WW15</b> Global Nitrogen Management - The Role of Wastewater Management and Urine Separation as Mitigation Strategies	<b>WW25</b> Natural Wetlands for Nutrient Removal and Bioenergy Production - Can Harvesting Cattails Effectively Remove Stored Nutrients from the Watershed?
8:45 AM to 9:00 AM	Jeffrey Berg <i>Stantec Consulting Ltd.</i>	George Bontus <i>Insituform</i>	Dean Shiskowski <i>Associated Engineering</i>	Richard Grosshans <i>University of Manitoba</i>
9:00 AM to 9:15 AM	<b>W16</b> Prince Albert Reservoir Upgraded to Improve Mixing and CT Using Computational Fluid Dynamics	<b>W26</b> Fusible PVC in Municipal Applications	<b>WW16</b> Two Ways to Achieve Completely Autotrophic Ammonium Removal from Reject Water: Partial Nitrification and Deammonification in One Reactor or in Two Reactors System	<b>WW26</b> Cold Climate Lagoon Based Ammonia and Total Phosphorus Removal: Two Manitoba Case Studies
9:15 AM to 9:30 AM	Bob Hawboldt <i>Associated Engineering</i>	Jeff Phillips <i>IPEX Inc.</i>	Lukasz Jaroszynski <i>University of Manitoba</i>	Martin Hildebrand <i>Nelson Environmental Inc.</i>
9:30 AM to 9:45 AM	<b>W17</b> Applications of CFD for the Optimization of WTP Design	<b>W27</b> Relocation of the GWWD Branch Aqueduct System Across the Red River Floodway, Winnipeg, MB	<b>WW17</b> Struvite Precipitation as a Method for Removing Phosphorus from Anaerobically Digested Swine Wastewater: The Effects of Mg:P Ratio, pH and Time	<b>WW27</b> Sewage Composting in Iqaluit, Nunavut – Black Gold
9:45 AM to 10:00 AM	Zirui Yu <i>AECOM</i>	M. G. McDonald <i>AECOM</i>	Elsie Jordaen <i>University of Manitoba</i>	Ken Johnson <i>AECOM</i>
10:00 AM to 10:30 AM	<b>COFFEE</b>			
10:30 AM to 10:45 AM	<b>W18</b> Integration of Advanced Control over Water System Operation	<b>W28</b> Implementation of Practical Disinfection Tools at WTPs in Ontario Including Four Different On-line CT SCADA Models	<b>WW18</b> Long-term Operation of Membrane Biofilm Reactors for Nitrogen Removal with Autotrophic Bacteria	<b>WW28</b> Partnering with Private Industry to Provide Wastewater Treatment in the City of Brandon
10:45 AM to 11:00 AM	Dan Brabec <i>Motorola</i>	Brian Sahely <i>AECOM</i>	Jong Hyuk Hwang <i>University of Manitoba</i>	Patrick Pulak/Keith Sears <i>City of Brandon/AECOM</i>
11:00 AM to 11:15 AM	<b>W19</b> Whitecourt Water Treatment Plant Upgrades	<b>W29</b> Ammonia Friend or Foe	<b>WW19</b> Ultrasound Treatment Improves the Performance of a Membrane Biofilm Reactor for Tertiary Hydrogen-Driven Denitrification of Municipal Wastewater	<b>WW29</b> Review of Wet Weather Flow Treatment Options for Winnipeg's North End Water Pollution Control Centre (NEWPCC)
11:15 AM to 11:30 AM	Brad Webb <i>Stantec</i>	Michael Gundry <i>AECOM</i>	Dr. Dominika Celmer <i>University of Manitoba</i>	Nicholas Szoke <i>City of Winnipeg</i>
11:30 AM to 11:45 AM	<b>W20</b> PVWC Morris Regional Water Treatment Plant Upgrade from Lime Softening to an Integrated Membrane System	<b>W30</b> On the Use of Chlorine Dioxide for Potable Water Disinfection in Western Canada	<b>WW20</b> Dynamic Simulation is Necessary to Understand Differences in Design of Biological Nutrient Removal MBR Processes	<b>WW30</b> Management of Leachate in the City of Winnipeg
11:45 AM to 12:00 PM	Ken Anderson <i>Genivar</i>	Justin Rak-Banville <i>University of Manitoba</i>	Jeff Peeters <i>GE Water &amp; Process Technologies</i>	Stanislaw Lozecznik <i>University of Manitoba</i>
12:00 PM to 2:00 PM	<b>AWWA LUNCHEON</b>			
2:00 PM to 2:15 PM	<b>W21</b> The Shirley McClellan Regional Water System	<b>W31</b> Doing More with SCADA! How Leveraging Technology Boosts Efficiencies At a Small Vancouver Island Community	<b>WW21</b> Investigating the Performance of an Aerated Grit Chamber	<b>WW31</b> Sustainable Assets / Vibrant Communities: Asset Management Demystified for the Small Community
2:15 PM to 2:30 PM	Stephan Weninger <i>Stantec</i>	Victor Wong <i>Dayton &amp; Knight Ltd.</i>	Afsana Habib <i>University of Alberta</i>	Mike Huard <i>AECOM</i>
2:30 PM to 2:45 PM	<b>W22</b> Town of Broadview, SK, Water Supply and Treatment Improvements	<b>W32</b> Online Biological Contaminant Detection System	<b>WW22</b> Design & Implementation of ZeeWeed®-MBR Retrofits	<b>WW32</b> Risk, the Hidden Flaw in Your Infrastructure
2:45 PM to 3:00 PM	Sean Bayer <i>M R 2 - McDonald &amp; Associates</i>	John Walsh <i>Johlin Measurement Ltd.</i>	Jake Goldstein <i>GE Water &amp; Process Technologies</i>	Ian Rose-Innes <i>Dayton &amp; Knight Ltd.</i>
3:00 PM to 3:15 PM	<b>COFFEE</b>			
3:15 PM to 3:30 PM				
3:30 PM to 3:45 PM	<b>W23</b> Optimization of Coagulation and Softening Process for Removal of Dissolved Organic Carbon	<b>W33</b> Expanding (or Starting) Your Leak Detection	<b>WW23</b> Investigating the Performance of a Rectangular Secondary Clarifier	<b>WW33</b> Town of Altona Wastewater Treatment Lagoon Upgrade
3:45 PM to 4:00 PM	Steven Cho <i>University of Manitoba</i>	Chris Huston <i>City of Calgary</i>	Saifuddin Molla <i>University of Alberta</i>	Ross Webster <i>GENIVAR</i>
4:00 PM to 4:15 PM	<b>W24</b> The Emerging Trend in Deep Bed Granular Media Design	<b>W34</b> Water Loss Levels form Transmission Mains in Urban Environments	<b>WW24</b> Mixed Liquor Vacuum Degassing Technology for Intensification of BNR Treatment Process	<b>WW34</b> Infrastructure Serving Dawson City, Yukon – The New Klondike Gold
4:15 PM to 4:30 PM	David Hambley <i>AWI</i>	Anis Somani <i>The Pressure Pipe Inspection Company</i>	Matthew Maciejewski <i>CH2M HILL Canada</i>	Ken Johnson <i>AECOM</i>
6:00 PM to 7:00 PM	<b>RECEPTION</b>			
7:00 PM to 9:00 PM	<b>AWARDS &amp; BANQUET</b>			