



2011 CONFERENCE, TRADE SHOW, AGM AND OPERATORS WORKSHOP

"Our Water, Our Land, Our Life"

CONFERENCE TECHNICAL AGENDA

Friday November 18th, 2011

Time	Topic
7:00-7:30	Registration - Frobisher Inn Conference Room
7:30	Meet and Greet - 7:30-10:00 pm - Frobisher Inn Conference Room - Entertainment provided by the Iqaluit High School Drummers and Dancers.

Saturday November 19th, 2011

Time	Topic	Session Name
8:00	Speakers Breakfast - Frobisher Inn	
8:00-8:40	Registration - Frobisher Inn Conference Room	
8:45	OPENING REMARKS and PRAYER - Frobisher Inn	Conference Opening
9:15	Current Activities of WCW and Future Challenges - Wayne Wall, President of Western Canada Water	
9:30	Wastewater Regulation Harmonization for the North - Blessing or Curse? - Ken Johnson, P.Eng., AECOM	
10:00	BREAK	
10:15	Development of a Resource Package for the Use of Tundra Wetlands in the Treatment of Domestic Sewage - Gordon Balch, Ph.D., CWAT, Fleming College	Wetland and Lagoon Treatment and Research in the North
10:45	Nunavut Wastewater Research - A Study of Coral Harbour, Dr. Bu Lam, GN and Prof. Rob Jamieson, Dalhousie University	
11:15	Assessing Wastewater Treatment Systems in Canada's Northern Communities - Mary Kelly, Environment Canada	
11:45	Environment Canada's Approach to Implement the CCME Strategy in the Far North - Andres De Vleeschauwer, Environment Canada	
12:00	LUNCH - Provided	
1:00	Challenging Wastewater Treatment by Lagoon-Based System in the Arctic - Bhabesh Roy, P.Eng., GN	Water and Wastewater Treatment Infrastructure
1:30	Cambridge Bay Water Treatment Plant - Kevin Hodgins, P.Eng., FSC now Stantec	
2:00	The Challenges of Delivering Sustainable Projects in the High Arctic: Nanisivik Naval Facility – A Case Study - Susan Boronowski, MASc, EIT, Worley Parsons, Canada	
2:30	BREAK	
2:45	Trade Show Representatives Product Discussion	Industry Presentations
3:20	BREAK	
3:30	Jean Marie River Water Treatment Plant Upgrade - Perry Heath, GNWT	Water Treatment Infrastructure
4:00	Piloting the Coppermine River: An Exploration into Enhanced Slow Sand Filtration - Justin Hazenberg, P.Eng, Williams Engineering	
4:30	BREAK	
6:30	Banquet	Banquet
7:30	Keynote Speech - Lorne Levy, GN	



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Sunday November 20th, 2011

8:45	NWT Source Water Assessment Plan Document - Dr. Robert Patrick, University of Saskatchewan	Source Water Protection and Solid Waste Management Planning
9:15	Developing a new Solid Waste Management Program for the City of Iqaluit - Meagan Leach, City of Iqaluit, John Smith, exp Services Inc and Ken Johnson, AECOM	
9:45		
10:15	BREAK	
10:30	Nunavik and Its Infrastructure - Alexandre Brissette, Kativik Regional Government	Water and Waste Infrastructure, Regulations and Compliance
11:00	Public Health and Waste, Waste Water and Water in NU - Peter Workman, GN	
11:30	Upgrading the Water treatment Plant and Construction of the New Solid Waste Disposal Site in Fort Liard - Alan Harris, Hamlet of Fort Liard	
12:00	LUNCH - Provided	
1:00	A Panel of Operators will discuss some of the challenges they face and the improvements and changes made to their water and wastewater systems.	Operators Panel
1:30	Canadian Best Practices for Water and Wastewater Operator Certification - Olivia Lee, GNWT	Water and Wastewater Operator Certifications and Tools
2:00	HMI Simulation Tool - Jennifer Spencer, MIT, Dillon Consulting and Curtis Duffy, MIT, GNWT	
2:30	Water and Wastewater Training at NAIT - Gerald Gusdal, NAIT	
2:45	BREAK	
3:00	NTWWA AGM	AGM
3:45	BREAK	
4:00	The Great Northern Drinking Water Competition	

Monday November 21st, 2011 - 9:00-12:00 AM

OPERATORS WORKSHOP - Organized by Derek Melvin, Kingland Ford / Jason Coakwell, Kingland Ford / Jean Soucy, Town of Fort Smith

Topics Covered will include:

Water and Sewer Truck Maintenance

Monday November 21st, 2011 - 1:00-4:30 PM and Tuesday November 22nd, 2011 - 9:00-10:15 AM

OPERATORS WORKSHOP - Organized by Gerald Gusdal, NAIT / Alan Harris, Hamlet of Fort Liard / Jean Soucy, Town of Fort Smith / Aaron Randall, Town of Norman Wells

Topics Covered will include:

Use and Maintenance of Peristaltic Pumps
Chlorine Testing
Chlorine Handling and Safety

Tuesday November 22nd, 2011 - 10:30 AM - 5:00 PM

OPERATORS WORKSHOP - Organized by Leslie Collins, Trent / Craig Murray, Trent / Mary Kelly, Environment Canada / Robert Patrick, U of Sasktchewan / Jennifer Skelton, ENR GNWT

Topics Covered will include:

Source Water Protection
Lagoon and Wetland Treatment