

Pump Efficiency Seminar & Technical Tours

May 13-14, 2010
City of Calgary Water Centre, AB

FINAL AGENDA

May 13 - Pump Efficiency Seminar		
Time	Topic	Speaker
8:20 - 8:30	Welcome and Introductions	Jim Miller Vice-Chair of CWWA Energy Committee
8:30 - 8:45	Message from JWWA (Japan Water Works Association)	Kimiaki Nagashima Japan Water Works Association - Tokyo
8:45 - 9:15	Variable Frequency Drive Application for Centrifugal Pumps - Wastewater Treatment Plants	Samir Yammine City of Saint John
9:15 - 9:45	Pump station design: getting both the details and the big picture into clear focus	Bryan Karney & Peter Rusch/Hatch Mott University of Toronto
9:45 - 10:10	Design of Pine Creek Pump Station	Kim Fries CH2MHill
10:10 - 10:30	<i>Refreshment Break</i> - kindly provided by City of Calgary	
10:30 - 11:00	Pump Testing - Why, When and How?	Sean Bolongaro Associated Engineering
11:00 - 11:30	Exploring comprehensive metrics of pump and system efficiency within the context of overall performance and effectiveness	Bryan Karney & Fabian Papa University of Toronto Hydratek and Associates
11:30 - 12:00	City of Regina Pump Energy Study: A Wider Perspective	Roseanne Warren Associated Engineering
12:00 - 1:15	<i>Lunch</i> - provided by CWWA	
12:45 - 1:15	Tour - Calgary Water Centre (optional)	
1:15 - 1:45	Pump Energy Efficiency Improvement with Epoxy Coating and Casing	Qing Zhang EPCOR

1:45 - 2:15	An Introduction to Real Time Pump Performance	Alexander Yates AEMS Ltd.
2:15 - 2:45	Pump Coating 101	Troy Duncan Belzona Western Ltd.
2:45 - 3:10	Refreshment Break - kindly provided by City of Calgary	
3:10 - 3:40	Application of Variable Speed Wastewater Pumping	Mike Porretta City of Edmonton
3:40 - 4:00	ITT Pumpsmart Technology Overview	Larry Moxham Austin & Denholm
4:00 - 5:00	Round-table discussions	Jim Miller Vice-Chair of CWWA Energy Committee
5:00	Wrap-up and Final arrangements for technical tours	Jim Miller Vice-Chair of CWWA Energy Committee
May 14 - Technical Tours		
Tour 1	City of Calgary Pine Creek WWTP. Inlet Pump Station (Tour times to be announced the day before)	
Tour 2	City of Calgary Glenmore WTP. High Lift Pump Station	
12:00 - 1:00	Lunch - provided by CWWA	