



Issues & Trends in Industrial Wastewater Treatment

February 7 & 8, 2012 | Canad Inns Polo Park, Winnipeg



During this two day seminar, industry professionals will discuss a variety of regulatory requirements as well as process challenges and solutions applicable to treating industrial wastewater.

Through case studies and real-life examples they will explore common problems and treatment solutions and touch on up-coming trends in this field.

A mini tradeshow may be available on Day 1 to allow attendees to visit with suppliers and gain useful information on the latest products and services in the wastewater treatment industry.

A tour of the Simplot Foods processing plant and wastewater treatment facility will take place on Day 2.

Who Should Attend?

Engineers, managers, and operators who are or may be exposed to wastewater treatment.

This Seminar has been approved for 1.0 CEU's for Manitoba participants that also take part in the Tour. Application for 0.8 CEUs is being made for this Seminar in Saskatchewan and Alberta

REGISTRATION

Date: February 7 & 8, 2011

Location: Canad Inns Polo Park, 1405 St. Matthews Ave Winnipeg

WCW Member \$315 (\$300 + \$15 GST)

Hotel Reservations: 1-888-33-CANAD (22623)

Non Member \$420 (\$400 + \$20 GST)

Student \$52.50 (\$50.00 + \$2.50 GST)

Payment Method: Visa MC Cheque

Make cheque Payable to: Western Canada Water
Box 1708 Stn Main. Cochrane AB T4C 1B6

I WILL PARTICIPATE IN THE TOUR YES NO

NAME:

COMPANY:

MAILING ADDRESS:

CITY:

PROVINCE:

POSTAL CODE:

PHONE:

FAX:

EMAIL:

FOR PAYMENT BY CREDIT CARD ONLY:

CARD NUMBER:

EXPIRY DATE:

CARDHOLDER NAME:

SIGNATURE:

GST #R108199589

CANCELLATION POLICY

- Cancellation received before January 31, 2012 full refund less \$25.00 service charge.
- NO REFUND after February 1, 2012 (Substitutions Welcome)
- Walk on registrations \$50.00 service charge.

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AGENDA

8:00-8:30	Registration	February 7
8:30-8:45	Welcome and Introductions	
8:45-9:30	Siohban Burland Ross - MB Conservation The presentation from Environmental Assessment and Licensing Branch, Manitoba Conservation will summarize the role of the Branch and the Manitoba Environmental Assessment and Licensing process, including the requirements of an Environment Act Proposal, the review process and the content of an Environment Act Licence. The conditions of a Licence typically apply to a facility prior to and during construction, operation and decommissioning; notification and approval is required prior to any alteration to a facility as licensed.	
9:30-10:15	Professor Qiang Zhang- University of Manitoba “Quantifying” Environmental Odour Attributes of environmental odour, Measuring environmental odour, Instantaneous vs. average odour levels in the environment (atmosphere), Assessing odour impact	
10:15-10:30	Break	
10:30-11:15	Sheldon Stott - R3 Innovations Inc. Brief facility and company background, Overview of construction process/regulatory approval, Regulatory challenges faced, Adaptations and cost associated with regulatory challenges, Project development ongoing challenges – regulatory and otherwise	
11:15-12:00	Paul Barsalou - AECOM Industrial Wastewater Treatment Characterization of Industrial Wastewater, Regulatory Approvals, Management Options for Treatment, Pretreatment- Cost / Benefits, Springhill Farms Case Study	
12:00-1:00	Lunch (provided) & Mini Tradeshow	
1:00-1:45	Meghan Marsland - City of Winnipeg Pollution prevention planning program-implementation The presentation will focus on the new Pollution Prevention Planning requirements under the City of Winnipeg’s Sewer By-law 92/2010. Pollution Prevention is the use of processes, practices, materials, products or energy that avoids or minimizes the creation of pollutants and waste, and reduces overall risk to human health or the environment. The Pollution Prevention Planning Program shifts the focus of wastewater treatment from control to prevention at source. The presentation will highlight the new by-law requirements, the business sectors that must comply with the requirements, and the steps in implementing the program.	
1:45-2:30	Hanns Till Freihammer - AECOM Challenges in Treating Mine Wastewater”	
2:30-2:45	Break	
2:45-3:30	TBD	
3:30-6:00	Mini Tradeshow - Booths open until 6:00 p.m.	
8:00- 8:15	Registration	February 8
8:15- 9:00	Saibal Basu-Stantec - Industrial Wastewater Treatment Challenges and Process Solutions Basic concepts of industrial wastewater, treatment challenges, treatment technologies, plant operation data, case studies	
9:00-9:45	Kelly Braden - City of Portage la Prairie Industrial Agreements and Cost Sharing within the City of Portage The presentation will briefly review the City of Portage la Prairie Sewer Use Bylaw, identifying main parameters of concern in Industrial Wastewater. The City’s experience with the negotiation of Industrial Agreements and the City’s standard form of Industrial Agreement will be discussed, focusing on the development and administration of the wastewater treatment cost-sharing formulae.	
9:45-10:00	Break	
10:00-10:45	Patrick Pulak - City of Brandon Back in 2002, the City of Brandon began down the path of achieving nutrient removal at both of its wastewater treatment facilities. Through discussions with two local industries, Maple Leaf Foods and Pfizer Pharmaceuticals, a public-private partnership was realized with the goal of cost sharing the upgrade to a Centralized Wastewater Treatment Facility that would meet and exceed the Province’s guidelines on nutrient removal. The synergies in the waste streams and the resulting costs savings has proven to be extremely beneficial to all parties involved. At completion in August 2013, the City of Brandon will own a treatment facility capable of meeting its water consumption needs until 2030 while producing effluent of sufficient quality such that it may be used as reuse water.	
10:45-11:30	Marshall Gibbons - AECOM You’ve Experienced a Failure – Now What? This presentation will review some of the things that should be considered when repairing assets that have failed due to corrosion. Understanding how corrosion contributed to the failure will help you to decide on an appropriate means of repair, and to plan for future failure.	
11:30-12:45	Lunch (provided)	
12:45-1:00	Load Bus for Tour During the drive Wayne Wall will lead a discussion on Industrial Wastewater/Simplot and its relationship with City of Portage treatment facility.	
1:00-4:00	Tour of Simplot Foods, Portage la Prairie David Huck (Environmental Manager, Simplot) will speak for 20 minutes before beginning tour on the processing plant and the wastewater facility NOTE: Manitoba participants must participate in the tour to receive full 1.0 CEUs for the session.	

Agenda subject to change, see website for most up to date information www.wcwea.org

See <http://www.wcwea.org/dspBasePage.php/15> for complete Speaker Bios