

WATER OPPORTUNITIES 2010

New technologies and management practices to improve water and wastewater management

Featuring practical strategies to help you take advantage of:

- new water and wastewater legislation
- new water and wastewater treatment technologies
- new integrated management practices and
 - new funding mechanisms to
 - save money
 - reduce energy and water demands
 - recover value and increase efficiency!

November 22, 2010

at the Mississauga Grand Banquet & Convention Centre,
35 Brunel Road, Mississauga (Hwy 401 and Hurontario)

You are invited:



Also please route to colleagues:

- 1) _____
- 2) _____
- 3) _____

November 22

Water Opportunities 2010

Why you should attend Water Opportunities, 2010

Leading corporations and municipalities have long recognized that an enlightened water and wastewater strategy is fundamental to environmental sustainability. Governments are supporting this trend - introducing new legislation on water-taking, water-pricing and ever more stringent treatment standards.

Most recently, Ontario's new *Water Opportunities and Conservation Act, 2010* and proposed federal wastewater regulations have provided fresh stimulus to support the funding and adoption of proven Canadian technologies that lead to real savings in costs, energy and resource allocation.

Attend this conference and find out more about new opportunities for industries, municipalities, engineers and managers to integrate Best Management Practices with new technologies to save money and improve the efficiency of day-to-day operations.

You'll learn:

- ✓ How new developments in the regulatory regime governing water and wastewater will affect you;
- ✓ What practical steps leading organizations are taking to integrate new water treatment practices and technologies;
- ✓ How a new generation of water technologies can kick-start your organization's drive to sustainability;
- ✓ How your operations can access funds necessary to take advantage of new opportunities; and
- ✓ What technologies can help you to generate revenues, reduce energy and water demands and increase efficiencies.

Sponsored by:



Environmental Science & Engineering Magazine (905)727-4666
<http://www.esemag.com>



Canadian Environmental Regulation and Compliance News - (416)920-0768
<http://www.templegateinfo.com>

Morning program:

9 a.m. - 10.30 a.m.

Drivers of change and innovation

• Environment & Policy: New trends in managing water sustainability

Speaker: Christopher Hilken, President, Clean Water Foundation, Chair, Water Programme, National Round Table on the Environment and the Economy

• Private sector impetus: promoting and applying Canadian expertise

- Commercial drivers encouraging innovation, investment, and export opportunities;
 - Why is innovation important? What are the applications?
 - How can Canada participate?
 - Ontario's Water Industries: Opportunities for technologies and consulting expertise
- Speaker: David Henderson, XVP Capital

• Legal imperatives: Compliance and innovation in the regulatory framework

- The carrot and the stick: How water and wastewater regulations governing: standards; water-taking; licensing; pricing; pollution prevention; and sewer-use, help advance innovative water management solutions.

- Federal legislation - *Fisheries Act* - proposed federal wastewater regulations
- Provincial legislation: *Ontario Water Resources Act, Ontario Clean Water Act*
- Government's role in funding and promoting innovation

Speaker (chair): Juli Abouchar, Willms & Shier Environmental Lawyers LLP

• Ontario's new *Water Opportunities and Water Conservation Act, 2010*

- On Sept. 23, 2010 Bill 72, the proposed *Water Opportunities and Conservation Act, 2010* passed Second Reading. The legislation would require municipalities and water utilities to prepare and submit to the Minister of the Environment sustainability plans for municipal water, waste water and storm water services under their jurisdiction. It would also facilitate and support the development of Canadian technologies for water treatment and water conservation, and act as a spur to innovation and early adoption. Find out how the act will effect your responsibilities.

Speaker (invited): Ontario Minister of the Environment

Speaker: Theresa McClenaghan, Canadian Environmental Law Association

10:30 - 10:45 Coffee Break

10.45 a.m - 12.30 p.m

Making the business case: Saving money & resources

• New thinking on valuing water and wastewater assets

- What are your water use/ water assets worth to you?
- How do you measure the savings?
- Case studies: decision making re: large water treatment systems; decision-making in energy/resource industries.

Speaker: Stuart Torr, Worley Parsons

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Morning program (cont'd):

• Sustainable solutions through integrated water/wastewater management

- Saving money and resources through Integrated Water Management
 - How leading companies are evaluating and reporting their water risks and opportunities in their strategy, at their operations and across their supply chain:
 - Risks and practices;
 - Measuring your 'water footprint'
 - Using the CCSR Framework for Integrated Water Management assessment
 - Industry case histories

Speaker: Wesley Gee, Stantec

• New technologies making a difference (1): Extracting value from wastewater

1) Extracting energy from industrial wastewater

Speaker: Ben van Vree, Maple Reinders

2) Alberta oil sands - new technologies to treat process water and avoid the need for tailings ponds - can the technologies apply to your industry?

Speaker: John Nicholson, Environmental Business Consultants Canada

3) Developing electrolytic technologies to treat wastewater

Speaker: Angella Hughes, Xogen Technologies

12.30 - 1.30 p.m. Lunch & tabletop exhibits introducing new technologies and solutions

Afternoon program:

1.30 p.m. - 2.30 p.m.

Industry imperatives: Saving money through improved conservation, and energy and waste reduction

• How industry can implement innovation with water in a structured way

- How the food and beverage industry is approaching water innovation
- Creating waste and wastewater minimization strategies
- A new "toolbox" for water and waste conservation

Speaker: Alex Keen, the ALTECH Group

• Energy saving and water reduction - Manager's perspective on the 8-track program

Speaker: Douglas Dittburner, Cadbury Adams Canada Inc.

2.30 p.m. - 3.20 p.m.

Municipal perspectives: Applying BMPs and new technologies to realize water management efficiencies

• Exploiting the connection between water conservation and water efficiency

- Systematic community based approaches to Water Demand Management
- Climate Change Resiliency and Water Conservation Co-benefits
- Capacity Building for Innovative Demand Management Technologies

• Wastewater treatment optimization

- Practical tools applied to develop the human infrastructure capability
- Cost effectively improving the performance of your existing facility
- Tapping the latent capacity of your existing unit processes

Speaker: Gerald Wheeler, City of Guelph

• Energy Efficiency Through Aeration System Upgrades

Speaker: Peter Ollos, Ontario Clean Water Agency (OCWA)

3:20 - 3:40 p.m. Coffee break

3.40 p.m. - 5:15 p.m.

Opportunities for Canada's environment industry: Incubating, adopting and integrating new water technologies

• Accessing government and private funding to support technology adoption

- The Ontario Network of Excellence and the proposed new Water Technologies Acceleration Project (Water TAP) set up under the *Water Opportunities Act*

Speaker: Bill Mantel, Ministry of Research and Innovation

• Destination Market Adoption: Accelerating Success

- Determining market needs and performance expectations
- Creating early adopters and reference customers
- Quantifying and communicating outcomes

Speaker: Kevin Jones, (OCETA)

- Funding and export development opportunities

Panel comprising representatives from: Ontario MRI, Ontario Ministry of Economic Development & Trade (MEDT), BDC Venture Capital, MaRS

• New technologies making a difference (2): Reducing water/energy demands

- 1.) Reducing demands for energy and water
- 2.) Reducing demands through bio-technology

5.15 p.m. - 5:45 p.m.

Exclusive display and networking opportunity

Featured speakers

Selected speakers for this conference include:

(Listed in alphabetical order)

Juli Abouchar (Chair)

Partner

Willms & Shier Environmental Lawyers LLP

Tony Van Bommel

Managing Director

BDC Venture Capital

Douglas Dittburner

Managing Chief Engineer

Cadbury Adams Canada Inc

Wesley Gee

Senior Sustainability Consultant

Stantec

David Henderson

Managing Director

XVP Capital

Christopher Hilkene

President & CEO

Clean Water Foundation ,

Chair, Water Programme, NRTEE

Angella Hughes,

XOGEN Technologies

Kevin Jones

President & CEO

Ontario Centre for Environmental

Technology Advancement (OCETA)

Alex Keen

President & CEO

the ALTECH Group

Bill Mantel

Director

Commercialization Branch

Ministry of Research and

Innovation

Theresa McClenaghan

CEO - Canadian Environmental Law

Association (CELA)

John Nicholson

President

Environmental Business Consultants

Peter Ollos

Process Specialist

Ontario Clean Water Agency (OCWA)

Shirley Speakman

MaRS Investment Accelerator

Fund

Stuart Torr

Manager Water & Wastewater

Worley Parsons

Ben van Vree

Manager Wastewater Treatment

Maple Reinders Constructors Ltd.

Gerard Wheeler

Optimization Specialist, Wastewater

City of Guelph

Join us! Register now using the form on the following page >

Exclusive networking opportunity! Only 15 tabletop displays available

To reserve your display booth space at this exclusive networking event, call Denise Simpson today, at (905)727-4666.

WATER OPPORTUNITIES 2010 REGISTRATION FORM

Please use a separate registration form for each delegate - Photocopy as needed

Register now for additional courses and save up to \$400

Save \$\$\$ when you combine your registration for *Water Opportunities, 2010* with a registration for your choice of ENVIRONMENTAL ESSENTIALS courses to be held on following days at the same venue!

On November 23, Envirogate features:

- *Dealing with Air & GHG Emissions*

On November 24, Envirogate features:

- *Demonstrating & Documenting Environmental Due Diligence*

Details of these expert courses can be viewed at:

<http://www.envirogate.ca/index.php/fall-programs/overview>

Or call (416)920-0768 to receive the following brochure:



You can use the registration form on this page to register for all the courses. Sign up for one additional course and save \$200 off the combined cost of 2 single-day registrations.

Sign up for both additional courses and save \$400 off the combined cost of 3 single-day registrations. Envirogate offers additional deep discounts to encourage two or more registrations (see adjacent panel).

Delegate substitution is permitted at all times.

ALL REGISTRATION FEES INCLUDE

- ✓ Complimentary coffee breaks and luncheon
- ✓ Certificate of Attendance
- ✓ Continuing Education / CEU credits

CANCELLATIONS POLICY

Refunds are permitted for registrations booked online prior to October 22. Delegate substitution is permitted at all times. Please note, if you register for the session and do not attend and do not arrange for a substitute to attend, your organization remains liable for the full fee.

HOTEL & FACILITY INFORMATION

Courses are held at the Mississauga Grand Banquet and Convention Centre, 35 Brunel Road, Mississauga, ON L4T 3E8 (905) 401-0043. The facility is located approx. 10 minutes by car or taxi from all hotels in the Toronto airport vicinity, and is accessible via transit. Visit www.mississaugagrand.com/2-Corporate.htm for information on hotels located near the facility, including: Holiday Inn Mississauga (905)890-5700; and Hilton Garden Inn (905)890-9110. Registrants are responsible for making their own hotel bookings.

PROGRAM CHANGES

The organizers reserve the right to change the program content and to substitute speakers without further notice. Should circumstances require it, the organizers also reserve the right to relocate and reschedule this event within a six-month period of the scheduled date and assume no liability for these changes.

FOR FURTHER INFORMATION:

For general inquiries, phone (416) 920-0768 or email: inquiries@envirogate.ca

YES! Reserve a place for me and my colleagues* at *WATER OPPORTUNITIES 2010*

(at the Mississauga Grand Banquet Hall and Convention Centre)

My name is: (please print)

Job title:

Organization:

Street address:

Town:..... Prov:..... Post Code:.....

My phone# is: () My fax # is: ()

My email address is:

Please also register me for the following Envirogate course(s) scheduled for Nov. 23 and 24 at the same venue:

- Dealing with Industrial Air and GHG Emissions** (Nov. 23)
- Demonstrating & Documenting Environmental Due Diligence** (Nov. 24)

(view course details on the above courses at: <http://www.envirogate.ca/index.php/fall-programs/overview>)

*** IMPORTANT: When registering more than one person, fill in a separate Registration Form for each delegate – (photocopy this form as needed).**

Fax or mail-in all forms together to be sure to qualify for discounts (see below).

Payment and discount options

1. A cheque (payable to Envirogate Event Management Inc.) is attached for:

- My 1-day, single person course registration for Water Opportunities, 2010 = \$ 695
- My 2-day, single person course registration @ \$695 x 2 less \$200 discount = \$ 1190
- My 3-day, single person course registration @ \$695 x 3 less \$400 discount = \$ 1685

Plus 10% off Second (and subsequent) Registrants:

- Second person* single-day registration @ \$625 = \$.....
- Second person 2-day registration @ \$1070 = \$.....
- Second person 3-day registration @ \$1575 = \$.....

For discounts for registering 4 or more delegates contact Lawrence Earl (416)920-0768

SUB-TOTAL = \$.....
+ 13% HST = \$.....
TOTAL = \$.....

2. I wish to pay for the above by: Mastercard VISA AMEX (Check one)

Signature:.....Phone: ()

Name (on card):.....

Card #..... Expiry:...../.....

Fax completed form(s) to: (416) 920-0620 to secure early registration.

Then mail completed forms with payment to:

**Envirogate Event Management Inc. c/o Templegate Inc.,
Ste. 200-206, 131 Bloor Street West, Toronto, ON Canada M5S 1R8
Make Cheques Payable to: Envirogate Event Management Inc. HST # 83595 8141 RT0001**

N.B. Payment must be received prior to the event or paid for by cheque or credit card on the day of the event. We regret that, due to space considerations, only pre-paid registrants can be permitted to attend.

To register and pay online visit: <http://www.envirogate.ca>