

Energy Optimization and Sustainable Design
November 18, 2009

REGISTRATION:

Name: _____
 WEAO/WEF/
 OSPE I.D.# _____

Position: _____

Company: _____

Address: _____

City: _____ Pcode: _____

Phone: _____

E-mail: _____

COST:

(Cost includes proceedings, coffee and lunch)

Delegate Type	On/Before Nov. 4, 2009	After Nov. 4, 2009	Total
WEAO/WEF Member	\$250.00	\$300.00	
New Professionals	\$150.00	\$200.00	
Non- Member	\$325.00*		
Student	\$60.00		
GST Reg. No. 123444556		6% G.S.T.	
Total Registration Fees			

* Includes 1 year WEAO membership

PAYMENT: Cheque VISA MC AMEX

If paying by cheque – fax reg. form to WEAO to reserve space & then mail in to WEAO office.

Credit Card No: _____

Exp. Date: _____

Signature: _____

7-day advance notice is required for refunds. Administration fee of \$35.00 will be charged for all cancellations.

Directions to Best Western, Milton

From Hwy 401, exit Hwy 25 (in Milton); go south to 1st traffic light. Turn right onto Chisholm Drive and follow around to Best Western

From QEW, exit Hwy 25, go north to Milton. Proceed through town to T-junction at Steeles Avenue. Turn left (west) and travel to next traffic light. Turn right (north) and travel to 2nd light. Turn left onto Chisholm Drive and follow around to Best Western



For Seminar Content:

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On-Line Registration at www.weao.org



**ENERGY
 OPTIMIZATION AND
 SUSTAINABLE
 DESIGN**



A WEAO Specialty Seminar

Date: Wednesday, November 18, 2009

Registration: 8:30 a.m.

Best Western
 Location: 161 Chisholm Drive
 Milton, ON

Energy Optimization and Sustainable Design Seminar

Morning Session

8:30 – 9:00	REGISTRATION AND COFFEE
9:00 – 9:30	Overview of Energy Management and Sustainable Design: Global Trends George Crawford, CH2M Hill Canada
9:30 – 10:30	Carbon Footprinting and Greenhouse Gas Accounting – Overview of Legislative Framework and Case Study Examples Steven Law, AECOM Canada Patrick Coleman, AECOM Canada
10:30 – 11:00	NETWORKING COFFEE BREAK
11:00 – 11:30	Peak Shaving at Municipal Facilities: How and why? TBD
11:30 – 12:00	LCAMER – A Tool for Comparing Life Cycle Costs for Digester Gas Energy Recovery Hugh Monteith, Hydromantis

Afternoon Session

12:00 – 1:00	NETWORKING LUNCH
1:00 – 1:30	Sustainable Design Approaches to Biosolids Management in the City of Hamilton Jim Harnum, City of Hamilton
1:30 – 2:00	Thermal Oxidation of Biosolids: A municipal perceptive William Fernandes, Region of Peel Brad Dobson, Region of Durham
2:00 – 2:30	NETWORKING COFFEE BREAK
2:30 – 3:00	Achieving Sustainability at WWTPs – How Do We Get There? Dave Forgie, Associated Engineering
3:00 – 4:00	Panel Discussion

Topics of Discussion:

- ✓ Latest research and trends to energy management and sustainability
- ✓ Global trends toward targeting energy neutral facilities
- ✓ Carbon foot-printing and Greenhouse gas accounting
- ✓ Legislative Framework – Present and Future
- ✓ Benefits and challenges of LEED (Leadership in Energy and Environmental Design) for Wastewater Facilities
- ✓ Peak shaving
- ✓ Energy recovery opportunities
- ✓ Plant-wide mass and energy balances

0.4 CEUs can be obtained for this seminar.

