

CANadian  
Environmental  
Conference &  
Tradeshow  
2004

Essential Environmental Due Diligence training

The 12th Annual **Canadian**

Environment Health & Safety  
Professional Development

**Environmental**

**Conference**

(formerly the Environmental Management, Compliance and Engineering Conference and Workshops)

May 12 & 13

CANECT 2004

at The Toronto Congress Centre  
650 Dixon Road, Toronto, Canada

Since 1992, Canada's leading environmental management, regulatory compliance and due diligence training opportunity

Offering unique Professional Development Training opportunities for:

- ✓ Environmental managers and co-ordinators
- ✓ Environmental and engineering consultants
- ✓ Federal, provincial and municipal government officers and policy-makers
- ✓ Professional engineers
- ✓ Plant managers, hazardous materials supervisors, and engineers
- ✓ Environmental lawyers
- ✓ Environmental health and safety professionals
- ✓ Dangerous materials shippers and supervisors
- ✓ Environmental auditors
- ✓ Spills and emergency response teams
- ✓ Workplace environment and health and safety committee members
- ✓ Municipal officials and officers

**courses in SPECIAL FOCUS!**

- Dealing with Industrial Air Emissions
- Dealing with Industrial Water & Wastewater
- Preparing for and Responding to Spills & Environmental Emergencies

Presented by: *Environmental Science & Engineering Magazine* and  
*Canadian Environmental Regulation & Compliance News*

Day 1

Canadian Environmental Conference 2004

AIR

B1

9:00 a.m.

Morning sessions a.m.

12:00 noon

2:00 p.m.

Afternoon sessions p.m.

5:00 p.m.

Dealing with

industrial

# AIR EMISSIONS

MOE is increasing the number of Orders and prosecutions against companies for air and odour emissions. Approval applicants must meet noise and emission inventory requirements. Federal (NPRI) air emissions reporting is becoming more complex. This one-day course, presented by air emission specialists, RWDI Consulting Engineers, and Willms & Shier Environmental Lawyers, is designed to help you meet this complex compliance challenge.

• **Compliance Regulatory Framework**

- laws, regulations and guidelines;
- government jurisdiction: who administers, who enforces
- reporting obligations - EPA discharges and Reg.346 upsets
- MOE Approval update protocols

*Carolyn Shaw, Willms & Shier Environmental Lawyers*

• **Certificates of Approval: Air Emissions - options & variables**

- equipment-specific and site-wide approvals
- flexible/comprehensive C of A's - where & when it works
- hidden costs; hidden benefits

*- Adam Quipp, Project Mgr., Air Quality Specialist-RWDI*

• **Emission Inventory – 'The key step'**

- Emissions Summary Dispersion Report (ESDM) - mandatory format
- practical examples and tips
- O. Reg.127/01 annual mandatory reporting requirements

*- Adam Quipp, Project Mgr., Air Quality Specialist-RWDI*

• **Air dispersion models and compliance**

- Reg.346 – compliance baseline standard
- US EPA models - compare and contrast
- choosing the right model - benefits and pitfalls
- potential economic impacts

*- Colleen Fitzgerald-Hubble, RWDI*

**Lunch break: Complimentary luncheon + Free entrance to the Canadian Environmental Tradeshow**

• **Prosecution and enforcement**

- provincial Officer and Director orders and appeals
- offences and prosecution
- adverse effects and odour (*Commander* case)
- searches, seizure and your rights in the post-INCO era (*INCO*)
- on-site air emissions - environmental and OH&S charges (*Dow Chemical*)
- Beyond a reasonable doubt - proving the offence

*Doug Petrie, Willms & Shier Environmental Lawyers*

• **Urgent issues: Noise, odour and dust**

- new focus on noise – now part of every approval
- odour and adverse effect – a new battleground
- assessing fugitive dust emissions now that fine particulate matter is toxic under federal law
- complaint and community relations strategies

*Mark Vanderheyden, Principal, Air Quality Specialist-RWDI; Scott Penton, Senior Engineer, Noise Specialist -RWDI*

• **Air emissions: Information management**

- confidentiality and privilege
- Access to Information laws & information filed with government
- certificates of approval and process data recording and reporting
- reporting excess emissions, upsets etc. under Reg. 346
- maintaining consistency across all regulatory and voluntary filings
- documenting due diligence

*Barry Spiegel, Willms & Shier Environmental Lawyers*

• **Expert forum: Q and A**

See below for Day 2 program

# WATER

Day 2

# SPILLS & E2

B2

Dealing with:

## INDUSTRIAL WATER & WASTEWATER

*Walkerton and recent cases have ratcheted up compliance procedures governing all types of water, groundwater and wastewater management. This one-day course by Willms & Shier Environmental Lawyers and Stantec Consulting Ltd. provides an in-depth update to managing industrial water-taking, treatment and wastewater issues.*

### • Legislation governing water-taking, wastewater treatment and discharge

- direct discharge v. indirect discharge - different rules
- characterizing waste streams
- hazardous v. non-hazardous wastes - TCLP and slump test
- generator registration rules and fees for hazardous wastes in effluent
- handling and disposal of liquid industrial waste/sludges
- understanding toxicity testing measures and how results can be interpreted

### • Pollution prohibitions and emergency response

- responding to and reporting spills, discharges, deposits under federal and provincial laws
- monitoring and reporting requirements - certificates of approval, NPRI, MISA, OWRA
- *R vs Inco* decision - the "inherently toxic" test for spills
- dealing with government investigators

### • Certificates of approval for wastewater treatment

- requirements and fees; related approvals - air and odour, noise
- **Compliance issues:** secondary and tertiary treatment, changing PWQO guidelines, monitoring and reporting, dealing with neighbours' and downstream users' complaints, modelling to estimate mixing zones.
- **Tactics to achieve compliance:** program approvals; negotiated control orders; negotiating viable solutions.

9:00 a.m.

Morning sessions a.m.

12:00 noon

E2

## PREPARING FOR AND RESPONDING TO SPILLS & ENVIRONMENTAL EMERGENCIES

*Evidence of a company's diligence in spill prevention, preparedness, training, together with the efficacy of its emergency response plan and actions, can help minimize pollution, liabilities and impacts on doing business. This one-day professional development program is designed to provide managers with examples of environmental liabilities, how to design an effective emergency response system, increase response capability and manage 'time-critical issues'.*

### • Regulatory requirements for environmental emergencies

- legal and due diligence drivers for emergency plans
- new federal Environmental Emergency Regulations
- mandatory programs under new *Emergency Management Act*
- legal requirements for plan and program content, actions
- community involvement

*Barry N. Spiegel, Willms & Shier Environmental Lawyers*

### • Report: Specific requirements

- spill reporting under provincial and federal legislation
- insight into the *Emergency Management Act*

*Gary Zikowitz, Spills Action Centre*

### • Assess: Introduction to Emergency response planning

- quick-check system for gathering the facts
- identify drivers that influence contingency /ER Planning.
- prioritize preventive, preparedness, response & recovery measures
- determine training, communication and response capability

*Cliff Holland, President of Spill Management Inc.*

### • Case study: A chemical spill prevention and response plan

- getting started; chemical inventories, storage plans
- prioritizing needs; scales of impact
- determining who does what, when, where, why and how
- integrating the emergency response system.

*Dave Reid, EH&S Manager, Maple Leaf Foods*

Lunch break: Complimentary luncheon + Free entrance to the Canadian Environmental Tradeshow

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*This afternoon session features speakers from Willms & Shier Environmental Lawyers and consultants from Stantec Consulting Ltd.*

### • Industrial stormwater management

- regulation of stormwater
- when are approvals required, exemptions (AERs)
- provincial stormwater management guidelines
- preventing pollutants from entering stormwater

### • Municipal Sewer Use Compliance

- new stringent standards - scientific questions re: validity
- surcharge agreements
- Pollution Prevention (P2) Plan Summaries

### • Surface/ groundwater issues

- industrial water taking and water use
- irrigation, process water
- permit to take water (OWRA)
- human consumption issues
- impact of drinking water protection laws
- water as ingredient, employee risk

### • Abatement and enforcement

- abatement inspections; SWAT and IEB investigations
- government powers to make orders
- tactics to achieve compliance - program approvals negotiated control orders; negotiating technically viable solutions; appeals and stays - orders; prosecutions - common charges *EPA, OWRA, Fisheries Act, Sewer Use By-laws*
- defences - due diligence; common scientific errors, problems: sampling, chain of custody, analysis, assessment.

Afternoon sessions p.m.

5:00 p.m.

### • Command & Control: Emergency/Contingency Plan for environmental events

- Incidents, Emergencies, Disasters: who's in charge?
- Who has authority ...Who is responsible? ...Who is accountable?
- Unified Command System for industry, laboratories, institutions, etc.
- plan objectives; accessing resources, managing the event, communication
- activation of the Emergency Operation Centre (EOC)
- interface with regulatory agencies, contractors and ER services
- location specific ER plans, Appendices, Annexes
- how to establish a user-friendly planning format
- testing or practising the plan

*Cliff Holland, President of Spill Management Inc.*

### • Response activation: Facing the worst-case scenario

- suddenly there's a spill - what do you do?
- dealing with 'time critical issues' and the 'hierarchy of an event'
- ability to "size-up" and take action to control & modify conditions
- the difference between response 'confidence' vs 'competence'
- apply the 'golden rules' to response activities and site safety
- determine the 'out off limit' for responders, supplies & equipment
- combine prevention, preparedness & skills for response capability
- develop location-specific response skills, procedures and guidelines
- learn what you 'need to know' vs what is 'nice to know'

*Cliff Holland, President of Spill Management Inc.*

Spaces Limited: Register now to avoid disappointment

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# Canadian Environmental Conference 2004 Priority Registration Form

# Yes!

Please reserve a place for me and my colleagues at the *12th Annual Canadian Environmental Conference and Tradeshow*, May 12 and 13, 2004.

### Legend: At-a-glance guide to courses

Day 1, May 12    Day 2, May 13    Day 2, May 13

**B1**  
Dealing  
with Air  
Emissions

**B2**  
Water  
&  
Wastewater

**E2**  
Dealing  
with Spills &  
Environmental  
Emergencies

My name is: (please print) .....

I am signing up for the following course(s): .....+ .....  
(Identify course selection by letter and number eg. B1 + E2 etc. [see legend opposite]):  
Note that if you sign up for a one-day course, you pay only \$220 more to attend a course on the second day!

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

My email address is: .....

In addition to myself\*, I am also registering .....colleagues:

• **Name of registrant #2** .....  
email address of registrant #2 is: .....  
Registrant # 2 will attend the following courses: .....+ .....  
(Identify course selection by letter and number eg. B1 + E2 etc. [see legend opposite]):

• **Name of registrant #3** .....  
email address of registrant #2 is: .....  
Registrant # 3 will attend the following courses:.....+ .....  
(Identify course selection by letter and number eg. B1 + E2 etc. [see legend opposite]):

\* For 4 or more registrations, please photocopy this form or call (905)727-4666.

### Course fees and multiple registration discounts

- Single day = \$550 + GST per person** (includes lunch, course materials + full-day attendance)
- Two days course = \$770 + GST per person** (includes lunch, course materials + 2-day attendance).  
(Note: Register for Day 1 and you pay just \$220 for the 2nd full day! - A great deal that qualifies you for further discounts (see below))

**DISCOUNTS FOR MULTIPLE REGISTRATIONS\***  
We encourage you to make this an inclusive event by bringing your entire Environmental and EHS team. To this end, we offer deep discounts on multiple registrations. Once one person is registered for both days of the two-day event, you are entitled to discounted rates on all subsequent registrations from the same organization. These comprise:  
10% off two-day price for second person registered;  
20% off two-day price for third (or more) person(s) registered.

### Payment options

- I enclose cheque for:**
- Single day course registration = \$550
- Two-day course registration = \$770
- Plus*
- Second person single-day registration @ 10% off = \$495 = .....
- Second person two -day registration @ 10% off = \$693 = .....
- Plus*
- Third person single-day registration @ 20% off = \$440 = .....
- Third person two -day registration @ 20% off = \$616 = .....
- SUB-TOTAL = .....
- + 7% GST = .....
- TOTAL = .....

Make cheques payable to: *Environmental Science & Engineering* - (GST# R122654049)

- I wish to pay for the above by:**     **MASTERCARD**     **VISA (Check one)**
- Signature:.....Phone: (    ) .....
- Name (on card):.....
- Account#...../...../.....      Expiry:...../.....

**Fax completed form to: (905)841-7271. Mail payment to:** *Environmental Science & Engineering, 220 Industrial Pkwy. S., Unit # 30, Aurora, Ontario, Canada L4G 3V6*

**IMPORTANT:** For billing purposes and for correct badge affiliation, please make sure that the label below contains current and complete information. Please fill-in any blanks. Thank you.

Name:.....  
Job title:.....  
Company:.....  
Street:.....  
City:..... Prov:..... Code:.....  
Phone: (    )      Fax: (    )      email:

