

LEHDER Environmental Services

Ontario Environmental Regulatory Calendar 2010

Newsletter December 2009

If you are responsible for environmental regulatory compliance at Ontario facilities, you need to be aware of important deadlines related to submitting reports, registrations, and notifications in the coming year.

Mark the following dates on your calendar for 2010.

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How Can LEHDER Assist?
Questions

January 1st – Toxics Reduction Regulation

Commencing on **January 1, 2010**, the Toxics Reduction Act and O. Regulation 455 apply to Ontario facilities that report to the NPRI and are identified by a NAICS code commencing with the digits “31”, “32” or “33”; or by a NAICS code commencing with the digits “212” if the facility processes minerals using chemicals to extract, refine or concentrate an ore.

In 2010, regulated facilities are required to establish **baseline "usage" data** starting with the 2010 operating year. This will require the facility to:

- define process(es) at the site that use/emit any one of the Phase 1 Toxics, using the same “reporting” thresholds as are used in NPRI.
- develop a material balance For each process for each toxic material (i.e. quantify the amount entering the process, and amounts leaving the process via air emissions, water emissions, transformation to other products, or transfer to the next process).
- Document this data in an internal report. This report does not get submitted to the MOE, nor released to the public.
- Submit a summary of this report to the MOE by June 1, 2011.

In the second year, regulated facilities must prepare a Toxics Reduction plan using the baseline data and submit a Reduction Plan Summary to the MOE. Subsequent years will see the facility submit annual Progress Reports.

LEHDER has scheduled a Toxic Reduction Strategy Seminar for February 3, 2010. Please register online www.lehder.com/training or use the attached registration form to reserve your spot!

January 1st – Greenhouse Gas Reporting (Provincial)

Commencing on **January 1, 2010**, the Greenhouse Gas Reporting Regulation (O. Reg. 452) applies to facilities in Ontario emitting greater than 25,000 tonnes of carbon dioxide equivalent (CO₂e) per year from a list of identified sources. The identified sources include general stationary combustion, electricity generation, petrochemical production, petroleum refining and others.

There are 30 Greenhouse Gases listed in Table 1 of the Regulation for inclusion in the CO₂e calculation. Tracking needs to start in January of 2010 in order to submit the first report on June 1, 2011.

Starting in 2011, emissions will be calculated using mandated quantification methods which, in some cases, require instrument calibration and stream sampling. Third party verification will be required for emissions calculated in 2011 and every year thereafter.

January 26th – CEPA Challenge Initiative Batch 11

On or before January 26, submission of information under the Section 71 notice for "Batch 11" substances is due. Facilities that imported or manufactured 100kg or used 1000kg of any substance listed in Batch 11 is required to report.

The **Batch 12** substances have been finalized, but the reporting deadline remains to be set. Based on previous batches, the estimated reporting timeframe will be the end of April.

February 14th – MISA 4th Quarter 2009 Report

No later than forty-five days after the end of each quarter, each discharger shall submit a report to the Director containing information relating to the discharger's plant throughout the quarter.

March 30th – CEPA Notice (published October 2009)

The October 2009 CEPA notice reports for the 496 listed substances are due on or before March 30. The purpose of this notice is to assess whether the substances listed are toxic or are capable of becoming toxic, or to assess whether to control, or the manner in which to control the listed substances. Facilities that manufactured or imported a total quantity greater than 100kg of any of the listed substances during the 2008 calendar year are required to report.

February 15th – HWIN Re-Registration

Don't forget that all Subject Waste Generators are required to re-register their site(s) and waste classes on or before **February 15, 2010 using the** Hazardous Waste Information Network (HWIN) www.ene.gov.on.ca/envision/land/HWIN.htm

The fee structure is the same as the previous year.

1. Annual re-registration of subject waste by Generators at a cost of \$50.00 per registered site.
2. Usage fee based on a \$5.00 per manifest charge for each manifest completed in the previous year.
3. A tonnage charge of \$10.00 per tonne of hazardous waste generated by the original Generator. Tonnage charge does not include liquid industrial waste or hazardous waste sent for recycling.

March 31st – Reg. 387 Annual Water Taking Permit Report

On or before **March 31**, each Water Taking Permit holder at any industrial or commercial operation must submit a report summarizing the volume of water taken daily for the 2009 calendar year.

March 31st – O. Reg. 194 / O. Reg. 397 – Report NO_x, SO₂ Emissions

On or before **March 31**, facilities regulated by O.Reg 194 or O.Reg. 397 must submit a report to the Director summarizing sulphur dioxide (annual) and nitrogen oxide emissions (annual and smog season) for the 2009 calendar year in order to retire allowances.

May 15th – MISA 1st Quarter 2010 Report

June 1st – MISA 2009 Annual Report

On or before **June 1** in each year, each discharger shall prepare a report relating to the MISA monitoring results for the previous calendar year. The report must be available to any person at the discharger's plant, on request, during the plant's normal office hours.

June 1st – NPRI – National Pollutant Release Inventory

The National Pollutant Release Inventory reports for 2009 are due on or before **June 1, 2010**. The National Pollutant Release Inventory (NPRI) was created in 1992 to provide information on pollutants released to the environment and transferred for disposal. Reporting of NPRI is mandated under the Canadian Environmental Protection Act (CEPA). There are no major changes for the 2009 reporting year as compared to the 2008 reporting year.

June 1st – Greenhouse Gas Reporting (Federal)

The Government of Canada requires mandatory reporting of greenhouse gas (GHG) emissions. The legislation requires large industrial facilities emitting greater than 50 000 tonnes of CO₂e to report for the previous calendar year by **June 1, 2010**.

June 1st – Ontario Reg. 127

The O.Reg. 127 air emission reports for 2009 are due on or before **June 1, 2010**. Ontario Reg. 127 requires that businesses in the industrial and commercial sectors monitor and annually report air emissions of specified compounds.

June 1st – O. Reg. 194 / O. Reg. 397 – Application for NO_x, SO₂ Allowances

The O.Reg. 194 and O.Reg. 397 applications for 2011 Emission Allowances for NO_x and SO₂ are due on or before **June 1, 2010**.

June 1st – Annual Reports for Comprehensive CofA Holders

The majority of the holders of Comprehensive CofA are required to prepare and submit their annual “Written Summary of Activities” report for 2009 on or before **June 1, 2010****. This report must include the Emission Summary Table and Acoustic Assessment Summary Table as of December 31, 2009; a summary of all modifications undertaken during the 2009 year; certification of compliance with the Performance Limits specified in the CofA and other required elements.

**** Please note that the MOE has begun to issue CofA with reporting dates that vary from June 1st. Please review your CofA to determine the specific reporting date for your facility.**

June 24th – LEHDER Annual Golf Tournament

August 14th – MISA 2nd Quarter 2010 Report

November 14th – MISA 3rd Quarter 2010 Report

For Further Information

For further information or questions regarding classification of wastes, the new registration requirements or HWIN, please contact:

Mark Roehler (519) 336-4101, Ext. 224 mroehler@lehder.com

For further information or questions on Toxics Reduction Strategy, Certificates of Approval, NPRI, Reg 127, or Greenhouse Gas reporting, please contact:

Sid Lethbridge (519) 336-4101, Ext. 222 slethbridge@lehder.com

Marnie Freer (519) 336-4101, Ext. 226 mfreer@lehder.com

About LEHDER

LEHDER is one of the largest Air Quality Management consulting companies in Canada. Our team of consulting professionals is built around our core strength in industrial environmental, health and safety management. LEHDER recognizes our client's need to make decisions that provide for operational flexibility while meeting regulatory, economic and social requirements.

Visit our web pages at: www.lehder.com

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LEHDER – Celebrating 15 Years!

In early 1994, four Sarnia area men were discussing what their future might hold after being told that their workplace was going to be closed permanently. That discussion led to the formation of LEHDER Environmental Services Limited by the four original principals - Sid Lethbridge, Des Hayles, Mike Denomme and Mark Roehler.

We were all employed by Fiberglas Canada Inc (later Owens Corning Canada) until the operations ceased in Sarnia. At that time, we decided that there was a need for the type of expertise that we had developed as the Fiberglas Canada Environmental Affairs group. Our business plan was simple - find a first customer and work hard. We approached Owens Corning with a proposal to provide environmental services to the remaining Canadian operations. They liked the concept and we entered into a two-year contract with Owens Corning.

The company was incorporated in October 1994. Bright and early on January 2, 1995, LEHDER commenced operations. We started out in the same building that our Headquarters is based by subleasing some space from Owens Corning. Later that year we entered into a lease agreement with D'Andrea Management Incorporated (the owners of the building) that saw them build our first office overlooking the atrium.

The first five years were a whirlwind of developing new capabilities, adding new people and growing our firm. LEHDER was managing large remediation projects for contaminated sites; Certificate of Approval and NPRI reporting work was becoming a larger part of our business and our stack sampling capabilities were constantly growing. In 1999, LEHDER expanded to Western Canada when we acquired Airworks, an Edmonton based source testing company founded by Daryl Zander. Things looked very sunny, but there was a dark cloud over the horizon!

If the first five years were sunshine and roses, the second five presented a hard reality that tested the mettle of the firm. It began in 2000, when our largest client encountered financial difficulties and ultimately entered Chapter 11. Needless to say, this adversely affected our financial performance significantly because our work load dried up almost over night. After rebounding in 2001 and 2002, there was another challenge ahead in the form of a slowdown in the economy beginning in late 2003 and extended to the third quarter of 2004 that again adversely affected our business.

However, good things can come from bad times. During this period, the LEHDER Environmental Information Management Service (LEIMS) saw rapid development from a concept largely based on managing data from soil and groundwater studies to the key Air Quality Management tool that the Industrial Service Group uses on a daily basis. Additionally, from a business management point of view we learned a very important lesson about the risks associated with having all of your eggs in one basket. LEHDER established and met goals aimed at broadening our customer base to minimize the possibility of a similar event happening again.

The third five years has been similar to the first five with year after year growth in sales. LEHDER is now one of the largest Air Quality Management consulting firms in Canada and our emission testing capabilities make LEHDER the premier stack testing company in Canada. In the last few years, we have expanded our offices in both Edmonton and Point Edward giving us more space to grow.

Out of that simple start in 1994, LEHDER has grown from the original 4 partners to 40 people in 2009. From our original single client, LEHDER now has a portfolio of well over 300 customers, mostly industrial facilities representing a broad range of sectors including petroleum and petrochemical, pharmaceutical, organic chemical, inorganic chemical, steel, metallurgical and mining.

Key to our success is our wonderful, loyal clients. The very high proportion of repeat customer business reflects the loyalty of our clients and the quality of the work that LEHDER provides to them. Also, LEHDER is blessed with great employees who recognize the extra effort required to make sure that the client's requirements are met.

Thank you and we look forward to working with you for years to come!

LEHDER Environmental Services Limited

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www.lehder.com

LEHDER's 2010 Health Safety & Environmental Training Schedule - Ontario

CODE	TITLE	DESCRIPTION
ON-100	Transportation of Dangerous Goods	Shippers, receivers and carriers of dangerous goods will receive training to allow them to handle, offer or transport dangerous goods.
ON-101	Ontario Waste Generation & Transportation	Generators and carriers will receive training in order to classify and transport subject wastes under Ontario Regulation 347.
ON-102	Train the Trainer – TDG Road	An in-depth course designed to provide in-house instructors with materials and confidence to deliver TDG training.
ON-103	The Globally Harmonized System (GHS) of Classification and Labelling of Chemicals	This session will outline the purpose, scope and application of the GHS. What has transpired to date and how to implement GHS in Canada.
ON-104	Introduction to Environmental Health & Safety Legislation and Reporting Requirements	Designed for environmental and health and safety professionals to provide a good overview of environmental, health and safety legislation.
ON-106	Overview of the Toxics Reduction Regulation – O.Reg. 455/09	This half day overview will introduce the comprehensive data tracking, reporting and planning requirements for facilities affected by this new regulation.
ON-107	O. Reg. 419 - Local Air Quality and Comprehensive Certificates of Approval	This course is a must for environmental professionals that need to understand the requirements and increased responsibilities imposed by Ontario Regulation 419. Attendees will also gain detailed knowledge of the Comprehensive CofA and its role as a tool to support compliance with O.Reg. 419.
ON-108	Waste Management Training for HWIN Administrators and Practitioners	This course is specifically designed for HWIN: Hazardous Waste Information Network, Administrators and personnel that manage subject waste.

LEHDER 2010 Training Schedule - Ontario

ON-100 Transportation of Dangerous Goods

Fee: \$400.00 + GST

- ◆ TDG Act
- ◆ TDG Regulations
- ◆ Training Requirements
- ◆ Exemptions
- ◆ Classification
- ◆ Selecting Proper Shipping Name
- ◆ Means of Containment
- ◆ Safety Marks
- ◆ Documentation
- ◆ Spills/Accidental Release

ON-101 Ontario Waste Generation & Transportation

Fee: \$400.00 + GST

- ◆ Background to Environmental Laws
- ◆ Dangerous Goods
- ◆ Classification of Wastes
- ◆ Penalties
- ◆ TDG Classification/Safety Marks
- ◆ Generator Registration/HWIN
- ◆ Land Disposal Restrictions (LDR)
- ◆ Means of Containment
- ◆ Waste Storage Requirements
- ◆ Selection of a Carrier and Disposal Facility
- ◆ Waste Manifests
- ◆ Spills/Accidental Release
- ◆ What Constitutes a Good Waste Management Program

ON-102 Train the Trainer - TDG Road

Fee: \$675.00 + GST

Day 1

- ◆ Introduction
- ◆ Transportation Regulations
- ◆ TDG Exemptions
- ◆ Classification of Dangerous Goods & Hazardous Wastes
- ◆ Interprovincial Movement/Export/Import of Hazardous Waste
- ◆ Packaging Specifications
- ◆ Selection of Means of Containment
- ◆ Labelling and Placarding
- ◆ Storage of Wastes
- ◆ Review

Day 2

- ◆ Overview of Day 1
- ◆ Documentation
- ◆ Manifest completion
- ◆ How to select carrier / disposal facility
- ◆ Accidental Release
- ◆ What constitutes a good Dangerous Goods / Waste Management program
- ◆ Instructor's Guide
- ◆ Lesson Plan
- ◆ Instructor's Notes
- ◆ Guidelines for training
- ◆ Resources available
- ◆ Development of effective training skills
- ◆ Competency test

LEHDER 2010 Training Schedule - Ontario

ON-103 Globally Harmonized System – GHS

Fee: \$400.00 + GST

- ◆ Purpose, Scope and Application of the GHS
- ◆ Benefits and Principles of Harmonization
- ◆ Classification of hazardous substances and mixtures
- ◆ Comparison of GHS against existing regulatory systems
- ◆ Hazard Communication: Labelling
- ◆ Hazard Communication: Safety Data Sheets (SDS)
- ◆ Physical Hazards
- ◆ Health Hazards
- ◆ Environmental Hazards
- ◆ Implementation of the GHS in Canada

ON-104 Introduction to Environmental, Health & Safety Legislation and Reporting Requirements

Fee: \$675.00 + GST

Day 1

- ◆ Federal Regulatory Bodies (Roles and Responsibilities)
- ◆ Outline of Federal Legislation
- ◆ Canadian Environmental Protection Act (CEPA)
- ◆ Climate Change “Turning the Corner”
- ◆ National Pollutant Release Inventory
- ◆ Fisheries Act
- ◆ New Substance Notification Regulations
- ◆ Priority Substance List
- ◆ Chemical Management Plan
- ◆ Environmental Emergency (E2) Regulations
- ◆ Transportation of Dangerous Goods Act and Regulations
- ◆ Export/Import of Hazardous Waste and Hazardous Recyclable Material Regulation
- ◆ Interprovincial Movement of Hazardous Waste Regulations
- ◆ Hazardous Products Act
- ◆ Controlled Products Regulations
- ◆ WHMIS
- ◆ Consumer Chemicals and Container Regulations, 2001
- ◆ Globally Harmonized System (GHS)
- ◆ National Fire Code of Canada
- ◆ Bill C-45 amendment to criminal code
- ◆ Due Diligence

Day 2

- ◆ Provincial, Municipal Regulatory Bodies
- ◆ Ontario Legislation
- ◆ Ontario Environmental Protection Act - Bill 133 “Environmental Penalties”
- ◆ Air Pollution – Local Air Quality (O.Reg. 419)
- ◆ Certificate of Approval
- ◆ Airborne Contaminant Discharge Monitoring and Reporting (O.Reg. 127)
- ◆ Environmental Bill of Rights
- ◆ Ozone Depleting Substances (O.Reg. 356)
- ◆ Refrigerants (O.Reg. 189)
- ◆ Solvents (O.Reg. 717)
- ◆ General – Waste Management (O.Reg. 347)
- ◆ Waste Audits and Waste Reduction Work Plans (O.Reg. 102)
- ◆ Industrial, Commercial and Institutional Source Separation Programs (O.Reg. 103)
- ◆ Ontario Water Resources Act and Regulations
- ◆ Sector Compliance Branch (formerly SWAT)
- ◆ Occupational Health and Safety Act
- ◆ Designated Substances
- ◆ New Agents in the Workplace
- ◆ Joint Health and Safety Committees
- ◆ Code of Exposure to Biological or Chemical Agents (O.Reg. 833)
- ◆ Industrial Establishments (O.Reg. 851)
- ◆ Pre-Start Health and Safety Review

LEHDER 2010 Training Schedule - Ontario

ON-106 Overview of Toxics Reduction Regulation – O. Reg. 455/09

Fee: \$250.00 + GST

- ◆ Applicability
- ◆ Phased implementation structure
- ◆ Data tracking requirements
- ◆ Toxics material balance strategy
- ◆ Reduction planning considerations
- ◆ Documentation responsibilities
- ◆ Reporting timelines
- ◆ Impact of additional upcoming regulatory changes
- ◆ Open Discussion, questions

ON-107 O. Reg. 419 – Local Air Quality and Comprehensive Certificates of Approval

Fee: \$400.00 + GST

- ◆ Applicability
- ◆ Advanced air models
- ◆ Impact on Certificates of Approval
- ◆ Emission Summary & Dispersion Modeling Report requirements
- ◆ Alternative Standards
- ◆ Reporting and data retention requirements
- ◆ Recent amendments and Standards updates
- ◆ Future trends
- ◆ Overview of Certificate of Approval (Air)
- ◆ Benefits of Basic Comprehensive CofA
- ◆ Key Definitions
- ◆ Basic Comprehensive CofA Elements
- ◆ Management Tools for ensuring compliance

ON-108 Waste Management Training for HWIN Administrators & Practitioners

Fee: \$400.00 + GST

- ◆ Overview of TDG Act, Regulations, Exemptions
- ◆ Overview of Reg. 347, LDR and Interprovincial movement of hazardous waste
- ◆ Classes of Dangerous Goods
- ◆ Selecting TDG proper shipping name, means of containment and safety marks
- ◆ Completing a Bill of Lading
- ◆ Accidental Release
- ◆ Waste Definitions Review
- ◆ Waste characterization and classification
- ◆ Assigning a Hazardous Waste Number
- ◆ Review of HWIN Administrator Responsibilities
- ◆ HWIN Registration Requirements and completion of Forms 2A and 2B
- ◆ Review of Land Disposal Restrictions and Treatment Standards
- ◆ Storage Requirements
- ◆ Selection of Carrier / Disposal Facility
- ◆ Completion of Manifest and Recordkeeping
- ◆ Spill Reporting
- ◆ Competency Test


**Courses are from 8:30 a.m. to 4:30 p.m. Except ON-106 which is 8:30 am to 1:00 pm
Fees include lunch and all Hand Out Materials.**

LEHDER 2010 REGISTRATION FORM - ONTARIO

Online Registration: www.lehder.com/training

Please circle the desired date for each course you would like to attend:

Code	Point Edward Dates:		Sudbury Dates:		Fee <i>Includes GST</i>
ON-100	April 19	October 5	May 3	September 15	\$420.00
ON-101	April 20	October 6	May 4	September 16	\$420.00
ON-102	April 28-29	October 14-15	May 10-11	September 23-24	\$708.75
ON-103	April 27, June 29, October 18 or December 6		May 12	September 22	\$420.00
ON-104	April 6-7	October 20-21	May 6-7	September 20-21	\$708.75
ON-106	February	3	N/A		\$250.00
ON-107	March 10	September 15	N/A		\$420.00
ON-108	April 21	October 7	May 5	September 17	\$420.00

First Name:	Questions? Please contact : Carrie Lauzon eMail: clauzon@lehder.com Tel: 519-336-4101 ext 288 Fax: 519-336-4311  Payment is due upon registration. Please make cheque payable to: LEHDER Environmental Services GST #139829964RT Tel: 1-877-LEHDER1
Last Name:	
Position:	
Company:	
Nature of Business:	
Address:	
City:	
PC: Province:	
Tel: FAX:	
Email:	

TRAINING LOCATIONS

LEHDER Environmental Services 210-704 Mara Street Point Edward, ON N7V 1X4 Tel: 519-336-4101	Radisson Hotel Sudbury 85 St. Anne Road Sudbury, ON P3E 4S4 Tel: 800-395-7046
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