

## LEHDER Environmental Services

### Newsletter

December 2010

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## Ontario Environmental Regulatory Calendar 2011

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 2011.

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### February 14<sup>th</sup> – MISA 4th Quarter 2010 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.

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### February 15<sup>th</sup> – 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, 2011** using the Hazardous Waste Information Network (HWIN)

[www.ene.gov.on.ca/envision/land/HWIN.htm](http://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.

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### March 31<sup>st</sup> – 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 2010 calendar year.

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**March 31<sup>st</sup> – O. Reg. 194 / O. Reg. 397 – Report NO<sub>x</sub>, SO<sub>2</sub> 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 2010 calendar year in order to retire allowances.

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**May 15th – MISA 1st Quarter 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.

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**June 1<sup>st</sup> – MISA 2009 Annual Report**

On or before **June 1<sup>st</sup>** 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.

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**June 1<sup>st</sup> – NPRI – National Pollutant Release Inventory**

The National Pollutant Release Inventory reports for 2010 are due on or before **June 1, 2011**. 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 2010 reporting year as compared to the 2009 reporting year.

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**June 1st – Ontario Reg. 127**

The O.Reg. 127 air emission reports for 2010 are due on or before **June 1, 2011**. Ontario Reg. 127 requires that businesses in the industrial and commercial sectors monitor and annually report air emissions of specified compounds.

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**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 CO<sub>2</sub>e to report for the previous calendar year by **June 1, 2011**.

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### June 1<sup>st</sup> – Greenhouse Gas Reporting (Provincial)

Commencing on January 1, 2010, the Greenhouse Gas Reporting Regulation (O. Reg. 452) applied to facilities in Ontario emitting greater than 25,000 tonnes of carbon dioxide equivalent (CO<sub>2</sub>e) 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 CO<sub>2</sub>e calculation. The first report is due 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.

Late last week, a significantly revised **Guideline for Greenhouse Gas Emissions Reporting** was issued that should be evaluated by regulated parties. It can be found at:

[http://www.ene.gov.on.ca/envision/env\\_reg/er/documents/2010/011-0209%20Guideline.pdf](http://www.ene.gov.on.ca/envision/env_reg/er/documents/2010/011-0209%20Guideline.pdf)

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### June 1<sup>st</sup> – Toxics Baseline Usage Report

Commencing on January 1, 2010, the Toxics Reduction Act and O. Regulation 455 applied 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.

By **June 1, 2011**, regulated facilities are required to prepare and submit a **Baseline Usage Report** for the 2010 operating year. This will require the facility to submit:

- List of Toxics used/created at the site that require a Toxic Reduction Plan (based on the same “reporting” thresholds as are used in NPRI).
- Facility information to be specified by the MOE
- For each substance requiring a plan:
  - Amounts released, disposed, or transferred as spelled out by NPRI rules
  - Amount that entered the facility
  - Amount created at the facility
  - Quantity contained in the product(s) from the facility

the MOE has amended the regulation to delay the deadline by which Regulated facilities must prepare a Toxics Reduction plan using 2011 baseline data and submit a Reduction Plan Summary to the MOE from **December 31, 2011 to December 31, 2012**.

That means that 2010 has become essentially a practice year and that 2011 will be the baseline year. Subsequent years will see the facility submit annual Progress Reports.

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**June 1<sup>st</sup> – O. Reg. 194 / O. Reg. 397 – Application for NO<sub>x</sub>, SO<sub>2</sub> Allowances**

The O.Reg. 194 and O.Reg. 397 applications for 2012 Emission Allowances for NOX and SO2 are due on or before **June 1, 2011**.

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**June 1<sup>st</sup> – 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 2010 on or before **June 1, 2011\*\***.

This report must include the Emission Summary Table and Acoustic Assessment Summary Table as of December 31, 2010; a summary of all modifications undertaken during the 2010 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 1<sup>st</sup>. Please review your CofA to determine the specific reporting date for your facility.**

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**August 14th – MISA 2<sup>nd</sup> Quarter 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.

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**November 14th – MISA 3rd Quarter 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.

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**For Further Information**

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

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

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## About LEHDER

LEHDER Environmental Services is an environmental consulting company focused on providing Excellence in Industrial Air Quality Services. Formed in 1995, LEHDER is now one of the largest Air Quality Management companies in Canada.

All Air Quality aspects – source testing, emission inventories, air dispersion modeling, data interpretation and approval applications – are managed internally without outsourcing and partnering.

At LEHDER we recognize our client's need to make decisions that provide for operational flexibility while meeting regulatory economic and social requirements.

Visit [www.lehder.com](http://www.lehder.com)



## Ontario Environmental Regulatory Calendar 2011

February 14 <sup>th</sup>	MISA 4 <sup>th</sup> Quarter 2010 Report
February 15 <sup>th</sup>	HWIN Re-Registration
March 31 <sup>st</sup>	Reg. 387 Annual Water Taking Permit Report
March 31 <sup>st</sup>	O. Reg. 194 / O. Reg. 397 – Report NO <sub>x</sub> , SO <sub>2</sub> Emissions
May 15 <sup>th</sup>	MISA 1 <sup>st</sup> Quarter Report
June 1 <sup>st</sup>	MISA 2010 Annual Report
June 1 <sup>st</sup>	NPRI – National Pollutant Release Inventory
June 1 <sup>st</sup>	Ontario Reg. 127
June 1 <sup>st</sup>	Greenhouse Gas Reporting (Federal)
June 1 <sup>st</sup>	Greenhouse Gas Reporting (Provincial)
June 1 <sup>st</sup>	Toxics Baseline Usage Report
June 1 <sup>st</sup>	O. Reg. 194 / O. Reg. 397 – Application for NO <sub>x</sub> , SO <sub>2</sub> Allowances
June 1 <sup>st</sup>	Annual Reports for Comprehensive CofA Holders
August 14 <sup>th</sup>	MISA 2 <sup>nd</sup> Quarter Report
November 14 <sup>th</sup>	MISA 3 <sup>rd</sup> Quarter Report

For further information or questions regarding classification of wastes, the new registration requirements or HWIN, please contact: **Mark Roehler** [www.lehder.com/roehler](http://www.lehder.com/roehler)

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