

## LEHDER Environmental Services

### Newsletter

December 2014

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## 2015 Ontario Environmental Regulatory Calendar

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 2015.

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### Multi-Sector Air Pollutants Regulations – Boilers and Heaters

The proposed *Multi-Sector Air Pollutants Regulations (MSAPR)* was published on June 7, 2014 in the [Canada Gazette Part 1](#) and stipulates requirements which affect the 2015 reporting year. It is anticipated that the MSAPR will be published in Canada Gazette Part 2 before the end of 2014 which will effectively put them into force.

**If the MSAPR is promulgated**, regulated boilers and heaters which combust gaseous fuels in 2015 (i.e. classified as original or transitional equipment) have specific Emission Intensity initial testing requirements which are required prior to **January 1, 2016**.

This requirement applies to you if your:

- Facility is regulated as per Section 4(2); and
- Equipment is classified as 'original' as it
  - combusted fossil fuels prior to January 1, 2015,
  - has a Rated Capacity  $\geq 10.5$  GJ/hr, and
  - is not excluded as per Section 4(3).

The initial testing must be completed by:

- Stack test using EPA Method 7E (NO<sub>x</sub>) and EPA Method 3A (O<sub>2</sub>) or ASTM D6522-11 and by the conditions provided in the regulation; or
- Continuous Emission Monitoring System (CEMS)

Previous stack tests conducted in accordance with the requirements of the regulations and completed between January 1, 2011 and December 31, 2014 may be considered the initial stack test at the option of the responsible person.

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**January 1<sup>st</sup> – LEHDER Celebrates 20 Years!**

On January 1, 1995, LEHDER commenced business in Point Edward, Ontario with just the four initial partners – Sid Lethbridge, Des Hayles, Mike Denomme and Mark Roehler. Twenty years later, LEHDER has offices in Point Edward and Edmonton, Alberta with seven partners and thirty-six employees. We plan to celebrate our 20 years in business throughout 2015.

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**February 14<sup>th</sup> – MISA 4th Quarter 2014 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, 2015** using the Hazardous Waste Information Network (HWIN). The fee structure is the same as the previous year.

<https://www.hwin.ca>

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**March 31<sup>st</sup> – O. 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 2014 calendar year.

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**March 31<sup>st</sup> – O. Reg. 419 ESDMR Updates**

On or before March 31, facilities listed in Schedule 4 of O. Reg 419 are required to have an updated Emission Summary and Dispersion Modeling Report (ESDMR) reflective of December 31, 2014. If there have been no modifications to the facility in 2014 that require an update to the ESDMR, then LEHDER recommends that a note or memo to that effect be prepared and filed with the ESDMR.

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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 2014 calendar year in order to retire allowances.

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**May 15<sup>th</sup> – 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 2014 Annual Report**

On or before June 1st 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 2014 are due on or before **June 1, 2015**.

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).

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### June 1<sup>st</sup> – O. Reg. 127

The O. Reg. 127 air emission reports for 2014 are due on or before **June 1, 2015**. O. Reg. 127 requires that businesses in the industrial and commercial sectors monitor and annually report air emissions of the specified compound - acetone.

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### June 1<sup>st</sup> – 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, 2015**.

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### June 1<sup>st</sup> – O. Reg. 452 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 2014 reporting year report is due on **June 1, 2015**.

Starting with the 2011 reporting year, GHG emissions were required to be calculated using mandated quantification methods which, in some cases, require instrument calibration and stream sampling. Annual third party verification has been required for the reported emissions commencing in the 2011 reporting year and for every year thereafter.

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### June 1<sup>st</sup> – O. Reg. 455 Toxics Accounting Report

Commencing on January 1, 2010, the Toxics Reduction Act and O. Reg. 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, 2015**, regulated facilities are required to prepare and submit a **Toxics Accounting Report** for the 2014 operating year. For any substance reported to NPRI or O. Reg. 127 for the first time, regulated facilities must prepare a Toxics Reduction plan using 2014 Baseline Report data and submit a Reduction Plan Summary to the MOE by **December 31, 2015**. (See Page 4 for further details)

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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 2014 Emission Allowances for NO<sub>x</sub> and SO<sub>2</sub> are due on or before **June 1, 2015**.

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### August 14<sup>th</sup> – MISA 2nd 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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### September 1<sup>st</sup> – O. Reg. 452 Greenhouse Gas Report Verification

Third party verification is required for GHG emissions calculated for the 2014 reporting year. The **GHG Verification Report** due date for the 2014RY data is **September 1<sup>st</sup>, 2015**.

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### November 14<sup>th</sup> – 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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### November 26<sup>th</sup> – Toluene Diisocyanates (TDI) Pollution Prevention Plan – Implementation

On November 26, 2011, a Notice was published in the Canada Gazette under the Canadian Environmental Protection Act regarding the requirement of a Toluene Diisocyanates (TDI) pollution prevention plan for any facility within the polyurethane and other foam sector (except polystyrene).

Any facility who purchases, imports, or uses 100 kg of TDI or more per year was required to prepare a TDI Pollution Prevention Plan by November 26, 2013. Two interim progress reports were required on November 26, 2013 and November 26, 2014. The final implementation deadline for the P2 plan is **November 26, 2015**.

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### December 31<sup>st</sup> –Toxics Reduction Action Plans (new substances)

If your facility reports a substance to NPRI or O. Reg. 127 for the first time for the 2014RY, then a Toxics Reduction Action Plan must be prepared prior to **December 31, 2015**. Using the baseline data compiled for the substance (i.e. 2014 reporting year); the facility must prepare a Toxics Reduction Action Plan. This plan must look at all possible reduction options for each contaminant (material substitution, process changes, emission controls etc.) and then for each of the options, assess/quantify technical feasibility, cost, and reductions that could be achieved. The plan must be made available to the MOE upon request, but will not be made public.

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### December 31<sup>st</sup> –Toxics Reduction Action Plan Summary (new substances)

Using the **Toxics Reduction Action Plan**, the facility must prepare a **Toxics Reduction Action Plan Summary** for any substances reported for the first time for the 2014 reporting year. This summary must be submitted to the MOE by **December 31, 2015** and made available to the public on the internet.

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### December 31<sup>st</sup> – Multi-Sector Air Pollutants Regulations – Boilers and Heaters Initial Testing

If the MSAPR is promulgated, regulated boilers and heaters which combust gaseous fuels in 2015 (i.e. original or transitional equipment) have specific Emission Intensity initial testing requirements which are required prior to January 1, 2016.

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### How Can LEHDER Assist?

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)  
Tel: 519- 336-4101, ext. 224 email: [mroehler@lehder.com](mailto:mroehler@lehder.com)

For further information or questions on Toxics Reduction Strategy, Environmental Compliance Approval, NPRI, O. 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)



## 2015 Ontario Environmental Regulatory Calendar

For further information or questions on *Toxics Reduction Strategy, Environmental Compliance Approval, NPRI, O. Reg. 127, or Greenhouse Gas reporting*, please contact: Sid Lethbridge [www.lehder.com/lethbridge](http://www.lehder.com/lethbridge) or Marnie Freer [www.lehder.com/freer](http://www.lehder.com/freer)

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)

<b>Various Dates</b>	<b>Comprehensive ECA or CofA Annual Report</b>
<b>February 14<sup>th</sup></b>	<b>MISA 4<sup>th</sup> Quarter 2014 Report</b>
<b>February 15<sup>th</sup></b>	<b>HWIN Re-Registration</b>
<b>March 31<sup>st</sup></b>	<b>O. Reg. 387 Annual Water Taking Permit Report</b>
<b>March 31<sup>st</sup></b>	<b>O. Reg. 419 ESDMR Update for Schedule 4 Facilities</b>
<b>March 31<sup>st</sup></b>	<b>O. Reg. 194 / O. Reg. 397 – Report NO<sub>x</sub>, SO<sub>2</sub> Emissions</b>
<b>May 15<sup>th</sup></b>	<b>MISA 1<sup>st</sup> Quarter Report</b>
<b>June 1<sup>st</sup></b>	<b>MISA 2014 Annual Report</b>
<b>June 1<sup>st</sup></b>	<b>NPRI – National Pollutant Release Inventory</b>
<b>June 1<sup>st</sup></b>	<b>O. Reg. 127</b>
<b>June 1<sup>st</sup></b>	<b>Greenhouse Gas Reporting (Federal)</b>
<b>June 1<sup>st</sup></b>	<b>O. Reg. 452 Greenhouse Gas Reporting (Provincial)</b>
<b>June 1<sup>st</sup></b>	<b>O. Reg. 455 Toxics Accounting Report</b>
<b>June 1<sup>st</sup></b>	<b>O. Reg. 194 / O. Reg. 397 – Report NO<sub>x</sub>, SO<sub>2</sub> Allowances</b>
<b>August 14<sup>th</sup></b>	<b>MISA 2<sup>nd</sup> Quarter Report</b>
<b>September 1<sup>st</sup></b>	<b>O. Reg 452 Greenhouse Gas Report Verification</b>
<b>November 14<sup>th</sup></b>	<b>MISA 3<sup>rd</sup> Quarter Report</b>
<b>November 26<sup>th</sup></b>	<b>TDI Pollution Prevention Plan – Implementation</b>
<b>December 31<sup>st</sup></b>	<b>Toxics Reduction Action Plans (new substances)</b>
<b>December 31<sup>st</sup></b>	<b>Toxics Reduction Action Plan Summary (new substances)</b>
<b>December 31<sup>st</sup></b>	<b>Multi-Sector Air Pollutants Regulations – Boilers &amp; Heaters Initial Testing</b>