



ENVIRONMENTAL REGULATORY COMPLIANCE UPDATE

Spring 2010

Spectrum to help with NPRI Submissions – June 1st deadline

NPRI Submission to the Owners site is due by June 1, 2010. It is important to file accurate returns. Very often we have found clients who prior to our engagement, had been overstating their emissions due to a misunderstanding of the processes involved, and this could trigger a visit by a Provincial Officer. Spectrum Environmental can undertake these submissions on your behalf, and you will find we offer expedited service, personal attention and our fee is cost-effective.

Upcoming deadlines for O.Reg 419/05

The revised O.Reg 419/05 (Air Pollution – Local Air Quality) amended on August 31, 2007 affects Schedule 5 Target sectors regarding the use of approved dispersion models.

Schedule 5 Target sectors for 2013 include:

Item	NAICS Code	North American Industry Classification System Description
1	3221	Pulp, Paper and Paperboard Mills
2	324190	Other Petroleum and Coal Products Manufacturing
3	325	Chemical Manufacturing
4	326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
5	3279	Other Non-Metallic Mineral Product Manufacturing
6	331	Primary Metal Manufacturing
7	332810	Coating, Engraving, Heat Treating and Allied Activities ^{MEX}
7.1	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing ^{MEX}
8	336	Transportation Equipment Manufacturing
9	5622	Waste Treatment and Disposal

Schedule 5 Target Sector Timelines:

1 Feb. 2010 - Schedule 5 facilities must be in compliance with updated Standards in Schedule 2, Section 19.

31 Oct. 2011 - If it is determined that Schedule 3 Standard-Advanced Approved Dispersion Models - cannot be met by a Sector 5 facility by the deadline, an alternative standard can be requested. This request must be made from 1 February 2010 – 31 October 2011. More information can be found on the MoE website: "Guide for Requesting and Alternative Air Standard."

1 Feb. 2012 – All CofA applications with ESDM reports made after 31 January 2012 must apply Section 20. And follow the Schedule

3-Advanced Approved Dispersion Model guidelines.

1 Feb. 2013 – Schedule 5 Facilities must comply with all standards as set out in Schedule 3 – Advanced Approved Air Dispersion Models, Section 20.

1 Feb. 2013 – Annual updates are required for Sector 5 Facilities to their Emission Summary and Dispersion Modelling Report.

For more information regarding Schedule 5 Target Sectors and Emission Summary and Dispersion Modelling, visit: www.ene.gov.on.ca/envision/AIR/regulations/localquality.htm. Our technical expertise in air emission compliance regulations at Spectrum Environmental can also assist your organization on a need-by-need basis.

O.Reg. 455/09 made under The Toxics Reduction Act

In summary, the Act requires facilities that report to Environment Canada under the NPRI to come up with a plan to reduce the usage of NPRI reportable substances specifically:

1. Companies are to make a Toxics Reduction Plan and have it ready for inspection by December, 2011. The Plan is required to contain in-depth technical and costing evaluations of all the toxics used, and must consider the technical and economic consequences of substituting the toxics. The Plan may well indicate that change is not feasible, and if this is indeed the case, then firm evidence must be presented to substantiate this conclusion. A summary of the plan has to be sent to the Ministry, but the Plan itself is retained by the company; it must be available for inspection by a Provincial Officer.
2. An outline of the substances used in 2010 must be submitted by June 2011.
3. Prepare annual reports indicating how effective you are in reducing the amount of toxic substances used in the facility's products and processes. Spectrum Environmental can help you on how to find methods to reduce toxic emissions by implementing greener, less toxic processes. Full detailed information can be found at: www.ebr.gov.on.ca under EBR posting#010-9139.
4. The MoE is proposing that only a MoE Licensed Planner can sign off on a plan. The MoE is accepting comments on this proposal up to 17 May 2010 by email to: francesca.millescamps@ontario.ca.

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