

# Environmental Management Newsletter

Welcome to Pollutech's Environmental Management Newsletter. The newsletter focuses on new and proposed regulations that may affect your business operations as well as provide you with news briefs on various items of environmental concern.

## Air Pollution - Local Air Quality, Ontario Regulation 419/05

Facilities that have a North American Industry Classification System (NAICS) Code listed in Schedule 5 below are required to update their existing Emission Summary and Dispersion Modeling (ESDM) reports by using one of the approved advanced air dispersion model programs (**SCREEN3, ISCRIME, ASHRAE, AERMOD**) for all new and existing Environmental Compliance Approvals (formerly Certificates of Approvals) by February 1, 2013. Most Environmental Compliance Approvals (ECA's) or C of A's prepared over the previous years used older dispersion models in the Appendix of O. Reg 346.

Schedule 5: Target Sectors for 2013	
NAICS Code	Sector Description
3221	Pulp, Paper and Paperboard
324190	Other petroleum and coal product manufacturing
325	Chemical manufacturing
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
3279	Other Non-Metallic Mineral Product Manufacturing
331	Primary Metal Manufacturing
332	Fabricated Metal Product Manufacturing
336	Transportation Equipment Manufacturing
5622	Waste Treatment and Disposal

There is potential for facilities that are currently in compliance with Regulation 346 to exceed the new standards outlined in Regulation 419 using the updated dispersion models. It is important to ensure your facility has a current Environmental Compliance Approval, if applicable, and to update your Approval using the new advanced dispersion modeling as required in O. Reg. 419/05.

O. Reg. 419/05 legislation can be viewed at:

[http://www.e-laws.gov.on.ca/html/regs/english/elaws\\_regs\\_050419\\_e.htm](http://www.e-laws.gov.on.ca/html/regs/english/elaws_regs_050419_e.htm)

## MOE Ontario Regulation 455/09 – Toxics Reduction Act

Regulated facilities in the manufacturing and minerals processing sectors include:

- Facilities with a NAICS codes beginning with "31, 32, 33 and 212" digits,
- Facilities with a minimum of 20,000 employee hours worked in 2010 and 2011, respectively,
- Facilities who manufacture, process, or otherwise use any of the prescribed toxic substances in any amount that meets or exceeds the prescribed thresholds.

Facilities that meet the above criteria are required to track toxic substances as they move through their operations, and to quantify the amount of each toxic substance that is used, created, destroyed, transferred or released. This information is then used to develop a Toxic Substance Reduction Plan for submission to the Ministry of the Environment, and a summary of the plan for public disclosure. Implementation of the reduction plan is voluntary, and progress is tracked through annual updates, and reviewed at specified intervals. The plan must be certified by the highest ranking management official at the facility.

In addition, the plan must be reviewed and certified by a Toxic Substance Reduction Planner, trained and licensed by the Ministry of the Environment. Planners provide recommendations on all aspects of the plan and provide a statement certifying that;

- they are familiar with the processes at the facility,
- they agree with the reduction estimates provided in the plan, and
- the plan complies with the legislation.

In addition to reviewing, providing recommendations, and certifying plans, Pollutech can also assist facilities with all aspects of plan development, including tracking and quantification, and identification or Technical and economic feasibility analyses of reduction options.

Please visit the following websites for more information.

[http://www.ene.gov.on.ca/environment/en/legislation/toxics\\_reduction\\_act/index.htm](http://www.ene.gov.on.ca/environment/en/legislation/toxics_reduction_act/index.htm)  
[www.pollutechgroup.com](http://www.pollutechgroup.com)

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**For more information on these and other environmental related topics please feel free to visit our website at: [www.pollutechgroup.com](http://www.pollutechgroup.com) or contact us directly at our Oakville office at (905) 847-0065, Sarnia office at (519) 339-8787, or [info@pollutechgroup.com](mailto:info@pollutechgroup.com) and one of our staff members will be happy to assist you. For your convenience we have attached a copy of our business services page which provides a brief summary of the services we provide.**