

*National Pollutant Release Inventory/
Ministry of the Environment
Harmonization Initiative*

by

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➤ Background on reporting regulations for Ontario Facilities

- O.Reg.127/01
- National Pollutant Release Inventory (NPRI)

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- Current Status on Harmonization between O.Reg.127/01 and NPRI

Background

- O.Reg.127/01
 - Started in 2001
 - Focuses on air emissions
 - Applicable to selected sectors (Table 1)
 - 3 Groups of Substances

Background

➤ O.Reg.127/01

3 Groups of Substances

- ◆ 11 substances – Criteria Air Contaminants (CACs) & Greenhouse Gases (GHGs) (Table 2A)
- ◆ 75 substances (originally 79) - Air-toxics, polycyclic aromatic hydrocarbons (PAHs), dioxins/furans (D/F), Metals, some compounds, group of 18 Glycol Ethers and 3 groups of Mineral Spirits (25 nos.) (Table 2B)
- ◆ NPRI substances air releases only (Table 2C)

Background ... contd.

- Phased Implementation
- Phase – I
 - Started May 2001
 - Included large facilities & electricity sector

Background ... contd.

➤ Phase – II

- Started January 2002
- Includes all the selected sectors (Table 1)

Background ... contd.

➤ NPRI

- Started in 1993
- Multi media
- Applicable to all sectors
- Increased from 193 to 323 substances
- Included CACs reporting since 2002

Background ... contd.

- GHGs reporting under Canadian Environmental Protection Act (CEPA) with collection by Statistics Canada for reporting year 2004

Context - Ontario

- Main Ontario Drivers For Harmonizing O.Reg.127/01 and NPRI:
 - Improve service to the public and industry by working with the federal government to move to one window reporting of emissions to the air.
 - Save resources by avoiding duplications (all levels of government).

Context – Environment Canada

- Main Drivers for EC – Harmonization framework
 - Single window – One Window to a National Environmental Reporting System (OWNERS)
 - Governance model being developed
 - National data requirements
 - National framework includes collection of unique information to meet regional needs

- Main Drivers – NPRI
 - Consult with Stakeholders on addition of Ontario specific requirements to NPRI
 - Changes will need to meet national needs

Harmonization History

- Environment Canada (EC)-Ministry of the Environment (MOE) initiated a pilot project in 2000 to harmonize administration & reporting of NPRI & O.Reg.127/01

Harmonization History

- Pilot Working Group (PWG) initiated
 - Joint training session
 - Joint helpdesk
 - Single window reporting system

Harmonization History

- PWG retained an expert to analyze reporting requirements of NPRI & O.Reg.127/01 in 2003-04

Harmonization History ... contd.

- Expert's initial report in 2003 identified 38 significant differences between NPRI & O.Reg.127/01

Harmonization History ... contd.

- Expert's final report in 2004 recommended options to harmonize these differences

Harmonization History ... contd.

- Joint stakeholders sub group (JSG) of EC, MOE & stakeholders was formed in 2004 to review these options and provide recommendations

Harmonization History ... contd.

- EC & MOE continue to harmonize with consideration of JSG recommendations

Harmonization Initiatives

... on-going

- One Window approach
 - ◆ Joint helpdesk
 - ◆ Joint reporting software
 - One data reporting entry point
 - Generates separate reports for NPRI & O.Reg.127/01

Harmonization Initiatives

... on-going

- Joint Quality Assurance/Quality Control (QA/QC) of data reported

Where are we now ?

- NPRI is considering the following modifications for harmonization with O.Reg.127/01:
 - Portable facilities
 - Calcium oxide, Total Reduced Sulphur, Ethyl Acetate, Furfuryl Alcohol, Tetrahydrofuran, 7 Glycol Ethers, 7 Mineral Spirits, PAHs, Dioxins & Furans

Where are we now ?

- NPRI is considering the following modifications for harmonization with O.Reg.127/01:
 - Road dust
 - Mining exemption
 - Facility definition

Next Step

- Respective stakeholders working groups to continue

Next Step

- O.Reg.127/01 stakeholders to provide reporting guidance and de minimus screening criteria for road dust reporting

Next Step

- Continue dialogue on harmonization