



Environment
Canada

Environnement
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P2 Initiatives in Ontario

Environment Canada

GLRPPR Winter Meeting - Chicago
February 26-28, 2002

Summary of Initiatives

National Programs

- CEPA and P2 Planning
- Environmental Performance Agreements

Ontario Region Initiatives

- Auto Parts Manufacturing
 - Vehicle Manufacturing
 - Dry Cleaning
 - Auto body -STAR program
 - Camp Green
 - Golf Course Eco-Efficiency
 - Clean Marine
 - Clean Print
 - Federal Facilities P2 Projects
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CEPA Part 4 - Pollution Prevention

- Part 4 of CEPA 1999 (sections 56-60) is dedicated to P2 planning for CEPA-Schedule 1 toxics
 - Section 56(1) provides new authority for the Minister to require the preparation and implementation of P2 plans :
 - CEPA Schedule 1 toxics
 - International Air and Water Pollution - part 7
 - Federal Government Operations - part 9
 - Court Orders (violations of CEPA) - part 10
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CEPA Part 4 - Pollution Prevention

- First CEPA section 56 Gazette notice to be published spring 2002 - Dichloromethane
 - Targets 5 industry sectors:
 - aircraft paint stripping, flexible polyurethane foam blowing, pharmaceuticals*, industrial cleaning and adhesive formulation*
 - Must submit declarations of planning, implementation, progress reports according to published timelines
 - P2 plan implementation deadline (proposed) June 2008 (* June 2004)
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Environmental Performance

Agreements

- An agreement with core design criteria negotiated among parties to achieve specified environmental results
 - Voluntary approach to P2 planning, additional tool but will not replace regulatory framework
 - Negotiated with a single company, sector and regional associations
 - Official release of Policy Framework - Feb 02
 - Currently there are 2 signed EPAs and 2 draft EPAs
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Auto Parts Manufacturing

- MOU renegotiated with Industry Canada and Pollution Probe as partners
 - Signing beginning of April 2002
 - New targets include:
 - 20% reduction in VOC emissions (aggregate, with 2000 as baseline year)
 - 5% reduction in CO₂ emissions
 - individual facility P2 plans and ISO 14001 registration
 - Third party verification built onto ISO audits
 - Currently in 30 day public consultation period
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Vehicle Manufacturing

- Since the CVMA P2 project began in 1992:
 - more than 500 000 tonnes of targeted substances and contaminants reduced or eliminated
 - 4 tonnes of VOCs reduced
 - 8th progress report due out in April 2002
 - Currently re-negotiating MOU for renewal under the new EPA policy framework
 - For more information:
www.cvma.ca/Programs/Pollution.html
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Dry Cleaning

- Tetrachloroethylene regulations - not yet promulgated
 - Reduction of PERC - new/efficient machines; managing collection/disposal of residues and wastewater; spill prevention/ containment
 - Green Clean demonstration project
 - wet cleaning initiatives
 - Sosei Water technology pilot project
 - Development of compliance promotion strategy and materials (Env Cda Task Force)
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Autobody Repair

- New Ontario Ministry's Certificate of Approval requirements
 - STAR training program supported by Environment Canada and MOE :
 - integrates P2
 - train the trainer package
 - computer based training program
 - Target VOCs and waste reduction in shops
 - Over 2800 Ontario auto repair shops to be trained
 - More information available at: www.ciag.com
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Camp Green Canada

- Camp Green Canada - National project to encourage recreational vehicle owners to not use holding tank products containing formaldehyde and ammonia
 - Fact sheets, posters, advertisements and signage provided to campground owners and managers to distribute and inform campers
 - Alternative products sold at participating parks
 - Various industry associations are participating
 - For more information: www.tians.org/campgreencanada
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Golf Course Eco-Efficiency

- GreenLinks is an environmental management system designed for golf courses that includes all areas of the facility.
 - Golf courses are audited and receive a rating that corresponds to their environmental achievements.
 - Areas of concern include chemical use reduction and improved handling, energy and water efficiency, waste management and naturalization of out of play areas
 - For more information - www.greenlinks.net
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Clean Marine

- The Clean Marine project is another eco efficiency initiative addressing environmental concerns associated with the marina industry.
 - Marinas are provided with an environmental management manual and are then audited and will receive a rating based on their environmental performance.
 - Involves a variety of industry associations and boating publications
 - For more information: www.omoa.com
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Clean Print Canada

- Printing and Graphics Pollution Prevention Project was initiated in 1995
 - New provincial air emission regulations and changes to municipal sewer discharge limits have required the printing and graphics industry to reduce pollution discharges and pollution prevention principles have been implemented to achieve compliance with the new limits.
 - For more information: www.cleanprint.org
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FF Priority Toxics Database

- Purpose of the Database is to provide a simple tool for screening the chemical ingredients of products against federal government priority toxic substances (PTS) lists (e.g. ARET, BTS, CEPA, COA, NPRI, etc.)
- Federal Facilities (FF) will be required to input the Chemical Abstract Registry (CAS) numbers listed on the product(s) MSDS. The CAS number will then be cross-checked against the PTS. If a match is found the product(s) will be flagged as containing PTS.

FF Priority Toxics Database

- Providing web browser access to this information will provide FF with one easily searchable tool. FPD will have a tool for updating PTS lists and regulations under CEPA 1999.
- Database completion is scheduled for Summer 2002. The Database will be made available on the FPD web site at <http://www.on.ec.gc.ca/pollution/fpd/>

FF Mercury In-fo Guide

- Raise awareness of the use of mercury in electrical products and in temperature/pressure devices in Federal Facilities.
- Includes photos of products containing mercury (fluorescent lamps, thermostats, thermometers, electrical switches, etc)
- Summarizes the use, location, alternatives, recycling options and disposal methods
- Available Spring 2002 at:
<http://www.on.ec.gc.ca/pollution/fpd/>

P2 Planning Resources

- Resources developed by the National Office of Pollution Prevention (NOPP)
 - Guidelines for Implementation of P2 Plans
 - Frequently Asked Questions
 - Pollution Prevention Planning Handbook
 - P2 Fact sheets
 - Model P2 Plan
 - P2 Correspondence/communications database
 - Canadian P2 Information Clearinghouse
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Useful P2 Websites

- National Office of Pollution Prevention
(www.ec.gc.ca/nopp)
 - Ontario Region's FPD - P2 Site
(www.on.ec.gc.ca/epb/fpd)
 - Canadian Pollution Prevention Clearinghouse
(www.ec.gc.ca/cppic)
 - Canadian Centre for Pollution Prevention
(www.c2p2online.com)
 - CEPA Registry (www.ec.gc.ca/ceparegistry)
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