

IC&I PROGRAM UPDATE

Innovative Toolkit Helps Increase Compliance

The Ministry of the Environment's (MOE), Sector Compliance Branch (SCB) has been working to reduce the amount of waste going into landfill from the industrial, commercial and institutional sector (IC&I). It is estimated that about nine per cent of Ontario waste going into landfill comes from construction, renovation and demolition (CRD) projects alone – about 845,000 tonnes in 2006.

In order to increase compliance, SCB hired ten additional environmental enforcement officers in the fall of 2007. By increasing inspections, improving education efforts and building corporate partnerships, they have increased awareness and helped many facilities come into compliance.

To support this education initiative, the ministry is developing sector-specific toolkits to encourage better practices by IC&I waste generators.

These toolkits are designed to help businesses understand the requirements under existing regulations and provide updated information on best practices.

The CRD Toolkit

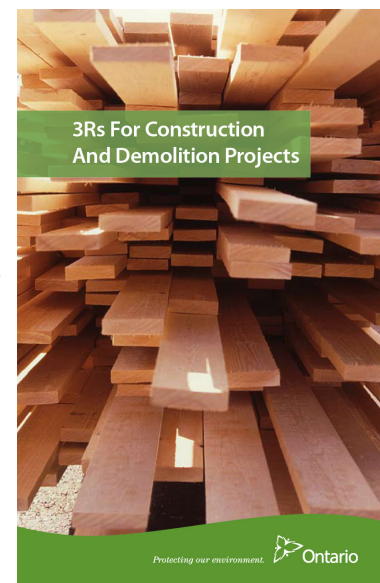
The CRD toolkit “3Rs for Construction and Demolition Projects” consists of sector-specific resources. The goal is to educate, inform and encourage businesses in this sector to develop sound waste management plans to improve waste reduction, diversion and recycling rates.

The toolkits include:

- brochures
- fact sheets
- posters
- tip cards
- frequently asked questions

These can be used on their own or as a complete kit in a recyclable case.

Visit ontario.ca/wastereduction to review these toolkit materials and find additional information related to IC&I waste reduction.



Corporate Initiatives

The SCB's IC&I team is continuing to work with large corporations to bring multiple sites into compliance with the 3Rs regulations through a single corporate contact. The team is working with a number of companies in the retail and restaurant sectors to implement company-wide

waste diversion programs that could impact over 700 sites. Some corporations have committed to go beyond compliance to implement source separation programs in all facilities, regardless of whether they meet thresholds, and are including materials beyond those required by the regulation (e.g., batteries, fluorescent lights).

Government Initiatives

The majority of all waste generated in the province comes from the IC&I sectors - including businesses, institutions, manufacturing plants, etc. According to Statistics Canada, 6.7 million tonnes of waste from this sector was disposed of in 2006, with about 12 per cent diverted for recycling.

Increasing waste reduction and diversion in the IC&I sectors is an important part of the ministry's mandate to protect the environment. To support this goal, the ministry has also been involved in the following initiatives:

- Implementation of industry-funded diversion programs under the Waste Diversion Act (WDA), which aim to divert certain materials from IC&I sectors from landfill, and foster the development of beneficial reuse and recycling options. Programs include the Waste Electrical and Electronic Equipment program, the Municipal Hazardous or Special Waste program and the Used Tires program.
- The WDA review, currently underway, includes consideration of increasing producer responsibil-

ity for end of life management of IC&I waste and other tools to drive diversion of IC&I waste.

- The review of the Blue Box Program (BBP) includes consideration of how the BBP Plan could be extended to address Blue Box wastes generated by the IC&I sector.
- Support for IC&I waste diversion pilot projects and other initiatives, such as the Recycling Council of Ontario's (RCO) Take Back the Light Program, a fluorescent tube recovery program, and the Waste Minimization Awards, which recognize leadership in IC&I waste reduction and diversion.
- Development of a Canada-wide strategy for sustainable packaging, as Chair of the Canadian Council of Ministers of the Environment's packaging task group. The strategy establishes a framework for reducing packaging waste and promoting more sustainable packaging choices for both residential and IC&I sectors.

The ministry continues to collaborate with industry and other stakeholders to develop new strategies to further increase diversion in the IC&I sectors.

Working with Ontario Hospital Association and Hospital Waste Audits

The Ontario Hospital Association (OHA) and the SCB have been working together to build a comprehensive and sustainable waste diversion program and to ensure Ontario hospitals meet the regulatory obligations set out in O. Regs. 102/94 (Waste Audits and Waste Reduction Work Plans) and 103/94 (Industrial, Commercial and Institutional Source Separation Programs) under the Environmental Protection Act.

The OHA is managing the alignment of the Green Hospital Champion Fund (GHCF) program for hospitals and O. Reg. 102/94 requirements. The GHCF objective is to be a catalyst for hospitals to achieve sustainable environmental improvements (i.e. green energy and waste management) that will also provide positive benefits to the cost of hospital operations. The OHA is focusing on two assessment components: waste audits and energy assessments. Pilots for both waste and energy are currently underway in preparation for a full program to be rolled-out to the sec-

tor this winter. The OHA will use the pilot program to develop a waste audit template that will support Ontario's hospitals to undertake waste audits either by hiring consultants, conducting an audit in-house, or hiring students to undertake an audit under the guidance of hospital staff. The templates will increase the likelihood of compliance with O. Reg. 102/94; encourage use of the ministry recommended waste audit forms; and provide guidance on how to most effectively conduct a waste audit in the hospital environment.

As part of the program roll-out, OHA will be promoting access to funding support for waste audits to hospitals across Ontario. As such, OHA will provide information to hospitals which will include a reminder that specified hospitals are required to conduct a waste audit, prepare a written report and a waste reduction work plan, which are to be updated annually to comply with O. Reg 102/94, and the hospitals must comply with the source separation programs as stipulated under O. Reg. 103/94.

The Numbers

A total of 518 IC&I inspections were completed by SCB in fiscal year 08/09. An additional 98 sites were visited and it was determined that these facilities did not meet the applicable regulated thresholds. Of the 518 inspections completed, 272 facilities passed (the operation was found to be in compliance with all of the requirements of O. Regs. 102/94 and 103/94 under the EPA), and the remaining 246 facilities received administrative fails.

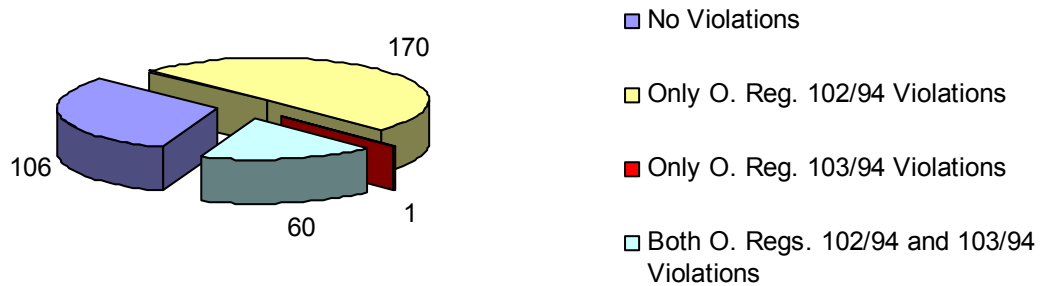
Multi-unit residential buildings were determined to have a high compliance rate of 91 per cent (151 out of 166 buildings were in compliance - multi-unit residential buildings need only comply with O. Reg. 103/94). Other sectors inspected demonstrated a lower compliance rate of 34 per cent. Inspection results indicate that source separation and recycling is occurring at most sites to some degree. Although the 34 per cent compliance rate is low, facilities are expressing interest in achieving compliance as well as looking for ways to go beyond compliance through best practices and corporate approaches.

SCB 2008/2009 Inspections

Sector	# of sites visited	# of sites required to comply with regulations (met threshold)	# of sites that passed*	2008/2009 Compliance Rate	2007/2008 Compliance Rate
Construction / Demolition	104	84	11	13%	2%
Retail Shopping Establishments	44	42	34	81%	1%
Retail Shopping Complexes	50	20	2	10%	5%
Multi-unit Residential	166	166	151	93%	n/a
Office Buildings	51	40	9	23%	0%
Educational Institutions	54	54	53	98%	n/a
Hotels / Motels	80	78	8	10%	n/a
Restaurants	35	8	0	0%	n/a
Hospitals	32	26	4	15%	n/a
Total	616	518	272	53%	3%

* A 'pass' indicates that all requirements of O. Regs. 102/94 and 103/94 were met at the time of inspection.

Violations Identified in 2008/2009 IC&I Inspections*



*Number of inspections where violations were found. Includes all sectors except for Multi-unit Residential Buildings

SCB 2009/2010 IC&I Inspections	
Planned Sectors for fiscal year	Completed Site Visits as of September 1, 2009
Construction / Demolition	43
Retail Shopping Establishments	6
Retail Shopping Complexes	6
Multi-unit Residential	11
Office Buildings	24
Educational Institutions	18
Hotels / Motels	47
Restaurants	19
Total	174

Contact Us:
Sector Compliance Branch
305 Milner Avenue
Scarborough, ON
M1B 3V4

Web: www.ene.gov.on.ca/envision/scb/
Phone: 416-314-4278