




BRITISH
COLUMBIA

The Best Place on Earth

Ministry of
Environment



B.C. Ministry of Environment

EPR programs, staff and projects

Coast Waste Management Association

Presented by:

Greg Tyson, B.C. Ministry of Environment



Presentation overview

Recap of EPR
in B.C.



Questions

Brian Grant
Memorial
Award

Where we are
at and where
we're going

Who's Doing What:

- product stewardship,
- solid and liquid waste



EPR in B.C.

- The Province adopted OECD's Extended Producer Responsibility (EPR) model...
 - “A management system based on industry and consumers taking life-cycle responsibility for the products they produce and use”
- Shift away from government-managed, taxpayer-financed waste management programs
- Policy is implemented through the Recycling Regulation



Recycling Regulation (2004)

- Results-based regulation
- Provides producers with flexibility to meet environmental outcomes
- Government focus on setting requirements and assuring results
- Regulates 9 product categories

SONY



GOODYEAR



Where we are at today

Products that create HHW when improperly disposed

- *Lead acid batteries (1991)*
- Used oil, containers and filters (*1992*, 2003)
- Paint (1994)
- Pharmaceuticals (1997)
- Pesticides
- Gasoline
- Solvents and flammable liquids

Packaging & non-hazardous products

- Beverage containers (1971, 1998)
 - Tires (*1991*, 2007)
 - Electronics (2007)
-



Where we are going

- Ministry Service Plan target - add two new product categories every three years
- Notified stakeholders of candidate list last summer
- Selected two products from candidate list after reviewing consultation input and best fit for B.C.
- April 2008 announced our intent to regulate:
 - Mercury-containing light bulbs and thermostats
 - Expand the existing electronics product category



Hg & Expanded Electronics

Government to Consider
Hg & expanded electronics

Industry develops stewardship
plan and consults with public

Program launch

Autumn 2008

Spring – Summer 2009

2009 through 2010

Upcoming projects

Research projects

Economic impacts

Consumer survey

Regulatory effectiveness

Design for Environment

Other initiatives

Public education and outreach

Compliance strategy

Packaging research

Who's who...



Kris Ord





David Lawes



- Unit Head
- Represents province at CCME EPR Task Force
- Managing product stewardship team



Teresa Conner



- Program Files – Tires and Electronics
- Projects:
 - Public Education and Outreach
 - Assist with Design for Environment research
 - Hazardous Waste Regulatory review and
 - Consumer awareness survey
- Other interesting work/involvement:
 - Ministry's Green Team Steering Committee
 - Represented Province at Beijing Summer Olympics

Eric Pierce

Projects:

- Compliance strategy, procedures, and auditing
- Consumer awareness survey of Industry Stewardship Programs
- Completing 2006 municipal solid waste tracking report
- Support on Economic Impact Study of B.C.'s Recycling Regulation





Lyn Smirl



- Program Files:
 - Used Oil, Filters and Containers
 - Solvents, Flammable Liquids, Gasoline & Pesticides
 - Paint and Tree-Marking Paint
 - Pharmaceuticals
 - Lead Acid Battery Program
- Projects:
 - Hazardous Waste Regulation review team
 - Assist with Public Education and Outreach
 - Assist with Design for Environment research

Greg Tyson

- Program Files - Beverage Containers
- Projects:
 - Regulatory effectiveness review
 - Economic impacts
 - Packaging research
 - Support on compliance and auditing





Jenn Wilson



- Program files – mercury-containing light bulbs and thermostats
- Projects:
 - Electronic and mercury products expansion
 - Design for Environment research
- Back-up for CCME EPR Task Force
 - Alberta-British Columbia harmonization initiatives
 - Assist with public education and outreach

Jack Bryden

- Unit Head
- Integrated Waste Management Policy
- Past-president of BCWWA
- Manager of Municipal Solid and Liquid Waste Team





Natalia Kukleva

- Landfill Gas Regulation
- Landfill Gas Regulation Guideline Development
- Municipal Solid Waste tracking report
- Solid Waste Management Planning





Bryce Watson

Projects:

- Liquid Waste Management Plan Guideline update
- Integrated Resource Management
- Municipal Sewage Regulation review
- Stormwater
- Boat sewage

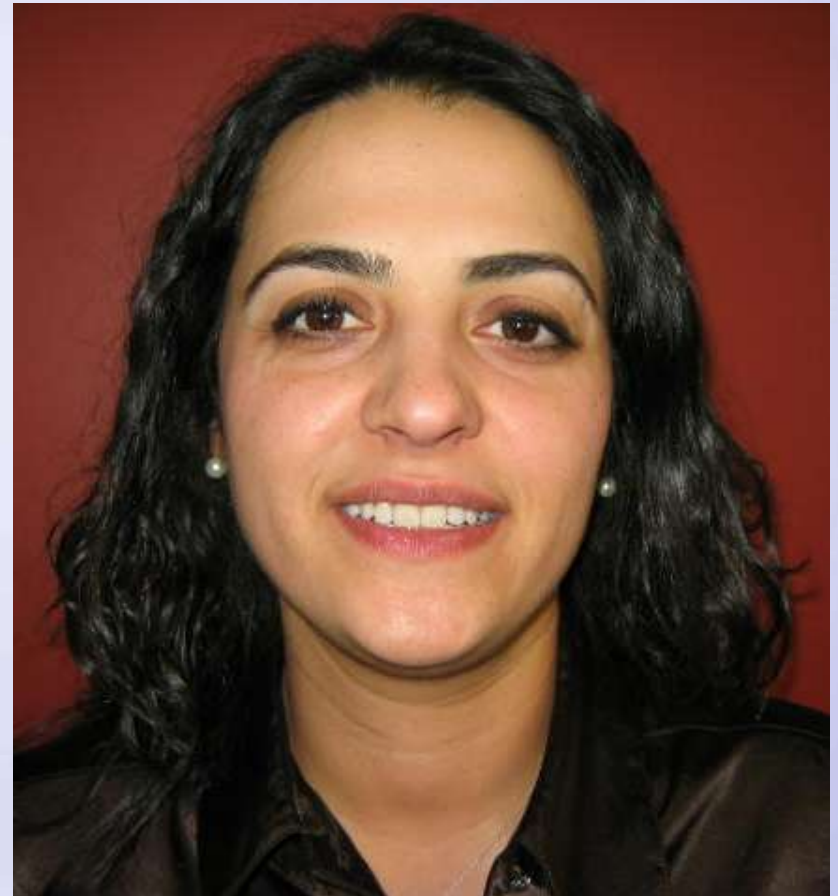




Maryam Mofid-Poor

Projects:

- Organics diversion
- Integrated Waste Management policy
- Co-digestion
- Organic Matter Recycling Regulation
- Compost industry initiatives





Brian Grant Memorial Scholarship

Managed by the
Vancouver Foundation

RCBC Committee to
screen applicants and
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May 15 of each year

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Thanks ...
... for listening

More information:
www.recycling.gov.bc.ca



Extra content....

Principles

1. **Producer/User Responsibility**
2. **Level Playing Field**
3. **Results-based**
4. **Transparency & Accountability**





Roles & Responsibilities in B.C.

Provincial Government

- Outcomes, plan approval
- Monitor, enforce



Consumers

- Financing role
- Source separation

Producers

- Develop & consult on plans
- Achieve outcomes
- Demonstrate performance

Local Government

- Cooperation
- Optional service provider



Life-Cycle Thinking

