



Solid Waste Resources
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MEMORANDUM

TO: Bill Karsten, Chairman and
 Members of Solid Waste Resource Advisory committee

CC: Mike Labrecque, P.Eng., Director, T&PW

FROM: Jim Bauld, Manager, Solid Waste Resources

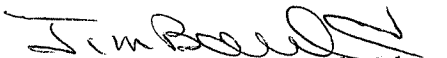
DATE: June 11, 2009

SUBJECT: NS Environmental Goals and Sustainable Prosperity Act
 (300 kg by 2015 & RRFB Diversion Credits)

In addition to the attached thirteen page presentation relating to the Environmental Goals and Sustainable Prosperity Act of 2007 (and the target of 300 kg/per capita disposal rate by 2015), at the June 18, 2009 SWRAC meeting, staff will provide a detailed additional presentation of a proposed change to the Resource Recovery Fund Board Diversion Credits formula, if enacted would provide a financial incentive for each Region and municipality to achieve 300 kg/per capita by 2015.

As directed by the Regional Chairs - Solid Waste Resource Management Committee, the Regional Coordinators Committee has prepared a proposal of the RRFB Diversion Credit formula, which is being presented to all seven waste management regions (and municipalities contained therein) for consideration and comment back to Regional Chairs.

Comments and suggestions from each Region will be presented to Regional Chairs in September.


 attachment - 9 page handout

(Note: Additional presentation on RRFB Diversion Credits to be provided at the June 18th SWRAC meeting)

*Each landfill cell costs \$15 million and is full in three years.
 Help extend the life of each cell by recycling and composting.*

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**2007 Environmental Goals and
Sustainable Prosperity Act**

SWRAC
June 18, 2009

**2007 Environmental Goals and
Sustainable Prosperity Act**

- For Solid Waste:
 - 300 kg/per capita disposal rate by 2015
(in 2006, NS Disposal Rate \pm 600 kg/per capita)

Background

- 1995 – NS Solid Waste Resource Management Strategy
 - **Landfill Bans:**
 - mandated municipalities to implement programs/infrastructure for:
 - Organics
 - HHW
 - Recyclables

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Background

- **RRFB:**
 - Deposit Beverage Containers
 - Paint
 - Tires
- Higher Environmental standard for landfills (all old landfills closed by December 2006)

Goal 50% by 2000

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1999 to 2008

- HRM ISW/RMS – fully operational January 1999
- 2000 to 2008, HRM Diversion Rate +50%
- FY 2008/09, HRM at 59% Diversion
- 1996 Regional Council – Goal 60% Diversion

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Note: HRM Diversion Rate: 07/08

- \pm tonnes recycled/composted
over # tonnes disposed = 58%
- NS Environment Diversion Rate
estimated # tonnes/capita disposed
in 1989, over # tonnes/capita
disposed in current year = 50%

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2007/2008

- NS 430 kg/per capita
- Canada 750 kg/per capita
- HRM 420 kg/per capita = 50% NS Env.
= 59% HRM
- 300 kg/per capita = 60% NS Env.
= 75% HRM

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2007 Environmental Goals and Sustainable Prosperity Act

Strategy Renewal to achieve 300 kg by 2015:

- ***Seven Elements Under Review:***
 - i. Education
 - ii. Policy
 - iii. C&D Diversion
 - iv. Product Stewardship
 - v. Financial Incentive/Disincentive
 - vi. R&D
 - vii. Government Leading by Example

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Process

- Municipalities – through Regional Chairs advised in 2007/08 of 300 kg by 2015
- NS Environment – developed Strategy Renewal Process and new goals
 - Then informed municipalities
 - Strategy Renewal Committees struck, private & public sector represented
 - Met with 7 municipalities with landfills re: implications i.e. cost recovery of operations and capital

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RRFB Diversion Credits

- \$ awarded to 7 Regions based upon NS Env. diversion rate for each Region
- ↑ Tonnes diverted (recycled/composted) = ↑\$
- Annually, RRFB → \$ ± \$7m to 7 Regions
 - ± \$3m to HRM
(SWR Operating Budget)

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RRFB Diversion Credits

- **For 300 kg/per capita:**
 - Model to provide an incentive for 7 Regions to improve diversion:
 - Increased diversion % = increased RRFB \$ for each Region

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300 kg/per capital Potential Policy Opportunities

A. Provincial Legislation

- Landfill bans (E-waste)
- EPR – producer responsible for product & end-of-life
- Design for the Environment, i.e. product
 - all material recyclable
 - disassembly for reuse/recycling
- Banning sale of a package that is not recyclable or compostable

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300 kg/per capita Potential Opportunities

B. Municipal - Policy

- User Pay – Tag a Bag – Tax Reform
- Clear Bag – Residential and/or ICI
- Reduced Bay Limit

C. Technology

- New use for waste residue,
i.e. Enerkem = 300 kg/per capita