



HALIFAX

Halifax Solid Waste Resource Management System Strategy Review – Deferred Items

June 24, 2014

This slide features a dark blue background with a white diagonal shape on the left side. The word "HALIFAX" is written in white capital letters in the top right corner. The main title is in bold blue text, and the date is in a smaller blue font at the bottom left.



Origin

- 14 January 2014 – Final Report presented to Regional Council
- Approved recommendations 1 through 6
- Deferred items 7 through 9

Municipal Solid Waste Regulatory Review June 24, 2014 **HALIFAX**

This slide has a light blue background with a white diagonal shape on the left side. The word "Origin" is in bold blue text at the top left. Below it is a bulleted list of three items. At the bottom, there is a footer with "Municipal Solid Waste Regulatory Review", the date "June 24, 2014", and the "HALIFAX" logo in blue.

Previously Approved and Awaiting Amendment Process

1. Confirm the objectives of the Community Stakeholders Committee Integrated Resource Management Strategy 1995:

- Maximize reduction, reuse and recycling of waste resources;
- Maximize environmental and fiscal sustainability of the waste program;
- Foster public stewardship and conservation.

2. Direct staff to initiate development of a business case for the source separated organics program to introduce an Anaerobic Digestion processing capability and other program changes to improve system cost performance and compost quality and return to Regional Council with a revised plan by 30 June 2014.

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Previously Approved and Awaiting Amendment Process

3. Initiate By-law amendments to improve organics collection, processing and finished compost product quality for residential source separated organics by:

- removing boxboard as a mandated green bin product (while still permitted as a kitchen scrap material catcher);
- mandating use of kraft paper bags for separate collection of leaf and yard waste;
- banning grass clippings from collection.

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Previously Approved and Awaiting Amendment Process

4. Direct staff to site a second household special handling waste depot and introduce annual district mobile household special handling waste events.
5. Initiate By-law amendments to:
 - mandate clear bags (with one nested opaque bag) for residential collections;
 - reduce garbage bag limits from 6 to 4.
6. Direct staff to increase:
 - curb-side education and monitoring;
 - apartment tenant education and monitoring;
 - ICI load monitoring and inspections at the landfill.

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7. Amend By-law S-600 to allow for the export of ICI residual waste (garbage) outside HRM, and amend Administrative Order number 16 to provide for an increase in fees for disposal of ICI residual waste from \$125 per tonne to the assessed system cost of \$170 per tonne.
8. Direct staff to initiate consultation with MIRROR NS and the Community Monitoring Committee on options for changes in the operating model (front end processor facility, waste stabilization facility, residual disposal facility) at Otter Lake landfill site A, returning to Council with a transition plan for landfill operations at the site based on diversion outcomes resulting from the changes outlined in this report.

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9. Extend operations at Otter Lake beyond 2024 and direct staff to increase the vertical height of existing and future cells by 15 meters and establish an Integrated Solid Waste Management Campus at the site to support new facilities and alternative technologies as they become viable.

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Action Items: Solid Waste System Evolution

- Organics Model requires updating to address regulatory compliance and capacity issues – ongoing with intent to present revised system model in early fall.
- Recycling facility and business case analysis for evolving recycling program – ongoing with intent to present recommendations by end of 2014.
- Residential collection contracts will go to RFP late summer – early fall for renewal 1 July 2015.

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