

Item 13.1.1

June 13, 2024

HALIFAX

Solid Waste Strategy Review - Update

Environment and Sustainability Standing Committee

Agenda

1. Background
2. Key Findings / Next Steps



Sustainable Communities
Challenge Fund

Background

Task	Deadline
Task 1 – Phase 1 Public Consultation	November 30, 2023
Task 2 – Key Themes/Technical Studies	March 31, 2024
Task 3 – Update ESSC/Regional Council	May-June 2024
Task 4 – Phase 2 Public Consultation	December 31, 2024
Task 5 – Phase 2 Assessments	December 31, 2024
Task 6 – Present Final Report to ESSC/Regional Council	Jan-March, 2025



Background

- New Objectives
 - Alignment with HalifACT
 - Contribution towards 300 kg per capita waste disposal
- Nine Key Themes
 - Impact of Extended Producer Responsibility (EPR) legislation
 - Reducing carbon footprint and waste disposal
 - Cart based collection
 - Expanding Household Special Waste (HSW) program

Background

- Retained Dillon Consulting
 - Supported Public Consultation and development of Technical Studies
 - www.shapeyourcityhalifax.ca/solid-waste-strategy-review

Key Findings - EPR

- New Program – December 2025
 - Likely to continue providing recycling collection and education services
 - Unlikely to continue to processing recyclables long-term
 - Material Recovery Facility is a useful asset
- Next Steps
 - Follow Regional Council direction (December 2023)

Key Findings – Alignment with HalifACT

- Solar for new composting facility
 - Potentially implement starting in FY 2026/2027
- Landfill gas to renewable electricity
 - Further evaluate FY 2024/2025



Key Findings – 300 kg per capita by 2030

- Clear bags for IC&I
- Multi-Res improvements
- Promoting circular economy
- Next Steps
 - Phase 2 Public Consultation (Stakeholders)
 - Phase 2 Assessments

Key Findings – Cart-Based Collection

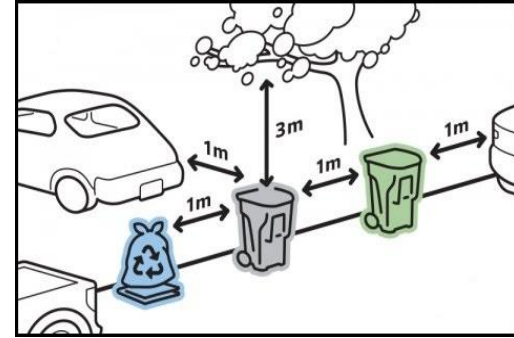
- Proposing cart-based automated collection for garbage/organics
- Significant labour improvement
- \$14M initial capital investment
- \$700k annually for new/replacement carts



Source: The Creemore Echo

Key Findings – Cart-Based Collection

- Next Steps
 - Phase 2 Public Consultation
 - Present Implementation Plan to ESSC Q1 2025/2026



Source: City of Edmonton

Key Findings – HSW Expansion

- Need to relocate Halifax HSW
 - 222/230/232 Horseshoe Lake Dr. available
 - Start with 2-day operation possibly by 2026/2027
- Need to identify location of a Dartmouth HSW Depot
- Next Steps
 - Halifax HSW Depot Conceptual Design – FY2024/2025
 - Identify suitable Dartmouth HSW Depot – FY2024/2025

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Questions?