



Hamilton
Public Works

**Public Works
Operations & Waste Management Division**

**Multi-Residential Waste Diversion
Program Update (PW11096a)**

Public Works Committee

May 7, 2012

Providing services that bring our City to life!

INTRODUCTION

- Multi-Residential Waste Diversion Program Overview
- Waste Diversion Performance Factors
- Residential Diversion
- Challenges Affecting Performance
- Implementation Schedule
- Next Steps – Growing and Sustaining the Program

- Community
- People
- Processes
- Finance



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MULTI RESIDENTIAL DIVERSION

Program Overview

- Green Cart and Recycling Collection to 1,000 buildings (45,000 units)
- Roll-out over 3 years (2008-10)
- Building by building approach
- Focus on building superintendent and customized logistics
- Resident starter kit similar to curbside (mini-bin, recycling bag, communication materials)



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WASTE DIVERSION PERFORMANCE FACTORS

- **Participation**

The percentage of households (buildings) that are actively participating in waste diversion programs, measured over a two week period

- **Capture**

The percentage of a waste stream (recycling, organics) that is captured in each diversion program, measured over a two week period, excluding contamination

- **Waste Diversion**

The percentage of waste diverted based on participation and capture, excluding contamination

If 90% of the households (units) participate and 90% of the material is captured, a diversion target of 65% can be achieved

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RESIDENTIAL DIVERSION

2010 Diversion & Targets

Description	Single-Family	Multi-Family	Total
Waste Generated (tonnes)	180,500	36,300	216,800
Waste Diverted (tonnes)	98,400	7,700	106,100
Waste Diverted (%)	55%	21%	49%
Waste Diversion Target (tonnes)	119,800	20,400	140,200
Waste Diversion Target (%)	66%	56%	65%

Source: 2012 Solid Waste Management Master Plan

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MULTI RESIDENTIAL DIVERSION

Challenges Affecting Performance

- **Communication – many players**
 - Property Owners, Managers, Superintendents, Residents (owners, tenants)
- **Accessibility**
 - Absentee landlords
 - Part-time and occasional property managers/superintendents
 - Residents behind doors
 - Language barriers
- **Tracking Contamination**
 - Anonymity
- **Infrastructure and Safety**
 - Physical access, Site and building constraints, Fire safety and protection
- **Need for ongoing follow-up**
 - Support from City, turnover in tenants

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IMPLEMENTATION SCHEDULE

Step	Timeline
Continued consultation with stakeholders (e.g., building managers, residents) on key issues and barriers to waste diversion in multi-residential buildings and their possible solutions	2012 (ongoing)
Review of Waste Management By-law	2012
* Review, update and implement the 2007/08 multi-residential diversion strategy outreach materials	2012 – 2013 (on-going)
* Monitor and evaluate results (set out, participation, waste audits)	2013 (ongoing)

* Schedule reflects SWMMP review recommendations for improving Multi-residential waste diversion

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MULTI RESIDENTIAL DIVERSION

Next Steps - Growing & Sustaining the Program

- Commitment to improvement
 - Through SWMMP review
- Continuous efforts needed
 - Outreach and monitoring programs
- Customer Service Coordinators and students
 - Direct follow up with superintendents/property managers
 - Further resident consultations
 - Set out and participation
- Tonnage and diversion analysis
- Garbage limits
- Fees for garbage over the limit
- Enforcement

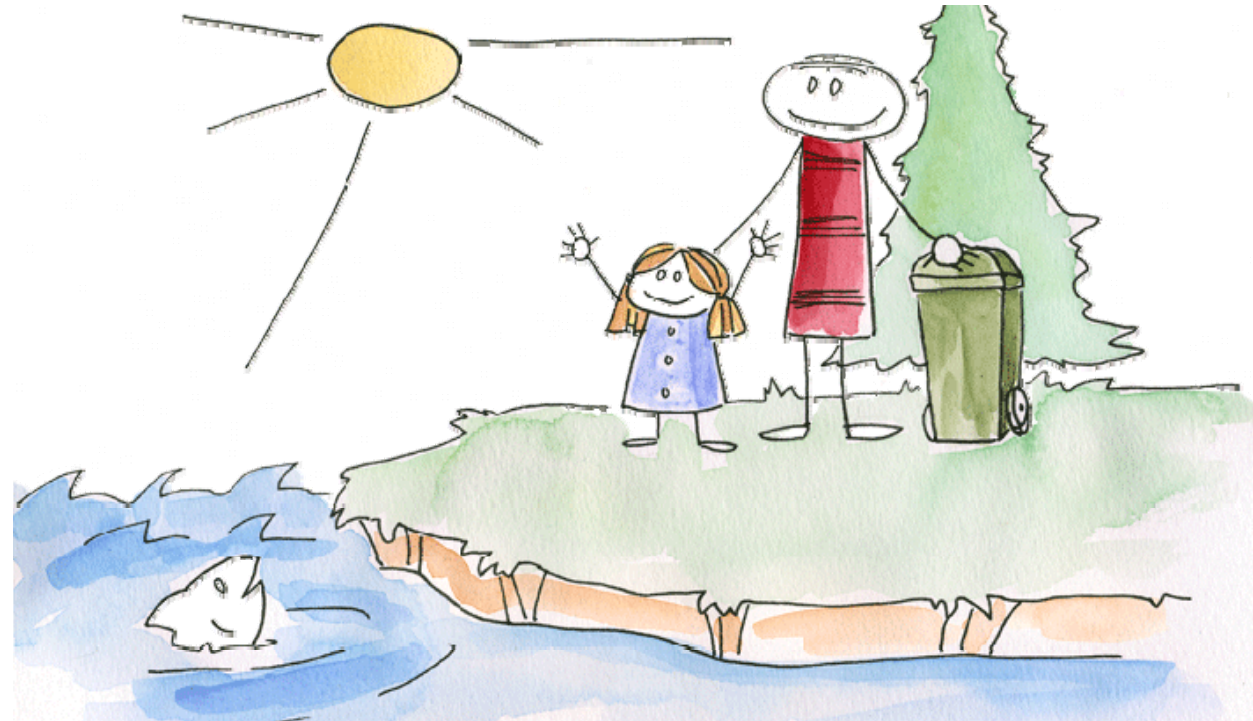


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THANK YOU



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