



Comments on Environmental Bill of Rights Registry – Proposed Food and Organic Waste Framework

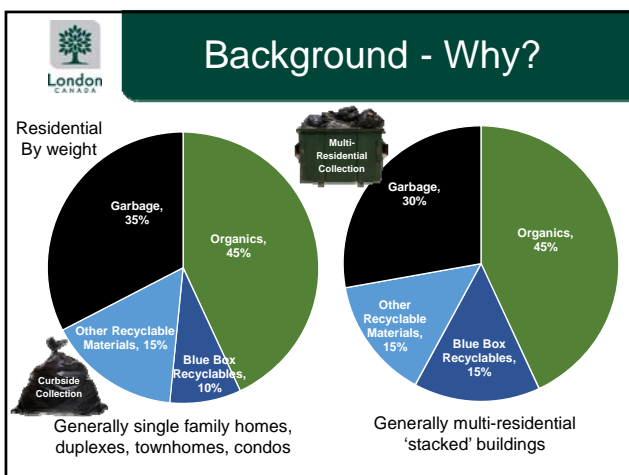



Civic Works Committee
January 9, 2018



Overview


1. Part of the Waste-Free Ontario legislation and Provincial Strategy from February 2017
2. Council commented in May 2017 on a Discussion Paper: addressing Food and Organic Waste
3. Proposed Food and Organic Waste Framework released on the EBR on November 16, 2017

Background - Action

Direction from Council in 2016 and 2017 (part of Resource Recovery Strategy):

1. Reduce avoidable food waste
2. Handle food waste organics soon
3. What are near term options?
4. What are longer term options?



Background - Action

With respect to organics. . . Council approved on October 30, 2017:

d)The W12A Landfill expansion be sized assuming the residential waste diversion rate is 60% by 2022 noting this does not prevent increasing London’s residential waste diversion rate above 60% between 2022 and 2050.




Overview

Section 1: Potential Impacts to London

- City of London
- Residents
- Businesses

Section 2: Comments on Framework


- Action Plan
- Policy Statement



Section 1: Potential Impacts

. . . to the CoL (in general)


1. Collection and processing will change
2. Organics from multi-residential properties identified
3. The role for mixed waste processing followed by composting and/or digestion identified
4. Targets will have to be met (penalties unknown at this time)
5. A ban on disposal of organics starting in 2022



Section 1: Potential Impacts

. . . to the CoL (if it were Green Bin)


Tonnes Managed (curbside)	13,000 to 15,000 tonnes (about 8-9% diversion)
GHG reduced	10,000 to 11,000 tonnes
RFPs required	Processing, carts, vehicles
Timeline (tentative)	2018/19 Design 2019/20 Select 2021 Implement

 **Section 1: Potential Impacts**

.. to the CoL (if it were Green Bin)


Financial Aspects	
Operating costs/year	\$3.5 to \$4 million (a)
Capital costs (one time) carts, trucks	Up to \$12 million (a)
Potential funding?	\$1.5 to \$1.8 million from recycling

(a) Does not include the costs on multi-residential services

 **Section 1: Potential Impacts**

.. to the residents (curbside service)

New Program(s) & Changes to Habits/Routines	
Avoiding food waste	Changes to habits and decisions; opportunity to save money
Home composting	Opportunities to do more “on-site”
Managing food waste	Most likely requires separation of food and organic waste for collection and the cost

 **Section 1: Potential Impacts**


.. to the residents (multi-res buildings)

New Program(s) & Changes to Habits/Routines	
Avoiding food waste	Changes to habits and decisions; opportunity to save money
Community composting	Opportunities to do more “on-site” in a collaborative approach
Managing food waste	Most likely requires separation of food and organic waste for collection and the cost

 **Section 1: Potential Impacts**

.. to London businesses

- Develop education and promotion programs
- Focus on food waste avoidance and rescue
- Source separate - retail shops/malls, office building, restaurants, hotels, motels, hospitals, educational institutions, large manufacturing (>300 kg/wk shall; <300 kg/wk should)




Section 2: Comments on Framework

Part A – Action Plan

17 Provincial Action Plan commitments

- 10 consistent with Council Direction (7 n/a)
- 12 consistent with Council’s Strat Plan (5 n/a)
- Key comments on:
 - #9 - ban food and organic waste from ending up in disposal sites (2022)
 - #12 - use modern regulator approaches to approvals




Section 2: Comments on Framework

Part B – Policy Statement

8 Individual Policies

- 6 consistent with Council Direction (1 maybe and 1 n/a)
- 6 consistent with Council’s Strat Plan (2 n/a)
- Key comments on:
 - #2 – measuring targets
 - #6 – Support resource recovery (understand facilities and neighbourhood impacts)



Getting to 60% by 2022

Achievable with Today’s Technologies

Component	Diversion Rate	Comment
Existing Diversion	45%	<ul style="list-style-type: none"> • Blue Box, leaf/ yard, depots, etc.
Food Waste Avoidance & More Home Composting	0.5% to 1.5%	<ul style="list-style-type: none"> • Drive by education and awareness
Source Separated Organics (Green Bin)	8% to 10%	<ul style="list-style-type: none"> • May need to go to biweekly garbage
Other Programs	4% to 5%	<ul style="list-style-type: none"> • Reduction, more recycling, etc.
Total	60%	



Summary & Recommendations

Summary – AMO, Ontario Waste Management Association, other municipalities . . . have similar concerns and comments . . . but support is there if improvements made

Recommendation – Submit Sections 1 and 2 to the EBR Registry