

Green Bin 2.0

PW3.1 Award of Request for Proposal No. 0401-14-3100 to
Rehrig Pacific Company for the Next Generation Green Bin

Public Works and
Infrastructure Committee
April 9, 2015

Background

- Original green bin program started in the Etobicoke area in 2002, rolled out over four years to all single family residents (Scarborough 2003, Toronto 2004, and North York 2005)
- 46.5 litre capacity, manual collection system
- The green bin life expectancy was anticipated to be 10 years



Improving the Green Bin



Source: http://www.kl5filmpod.com/2012_12_01_archive.html

Public Consultation Research

- Collecting feedback on the pros and cons of the current green bin
- Understanding attitudes, opinions, and satisfaction with the current green bin
 - size of the current bin, animal resistant, and other key variables
- Feedback on the proposed design of new green bin
 - a more secure animal resistant latch maneuverability, automated collection, and a larger bin size

Findings

- Most important feature of a green bin
 - **Animal resistant** (67% indicate extremely important)
 - Respondents least satisfied with current green bin features (only 15% indicate that they are “extremely satisfied”)
- Next important:
 - **A secure latch and lid** (64% indicate extremely important)
- Strong support for a new bin that has a more secure latch to prevent animals from entering the bin
 - 72% “strongly support” and 19% “somewhat support”

Findings at the curb



Increasing Diversion

- More capacity to divert organics
- Waste audits indicate we can do better and divert more



New Green Bin Considerations

- Bin Storage
 - based on the recycling/garbage bin roll out it is anticipated that 99.5% of households will be able to accommodate the new bin
 - Less than 1 % of residents may have some issues with storing/handling these new bins
- Lids will remain secure from animals
- Efficiencies realized in-house collection areas, reduction in worker injuries and workplace improvements

New Bin Features

- Easy to use
- Animal resistant locking lid
- More capacity for diversion
- Automated collection



Rollout

- Implementation will commence in late 2015 – early 2016
- Approximately 18 months to deliver City wide
- Scarborough area will receive the bin first as immediate savings will be realized.



Video

Questions

