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.kl5film.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.
Questions