

Progress Report for Public Works and Infrastructure, February 3, 2009

Residual Waste Working
Group (RWWG)



Our Mission Revisited

- To collaborate with the City to help find a solution to manage Toronto's residual waste and reach the City's goal of diverting 75,000 tonnes of waste from the residual stream
- residual waste is...
 - everything that CANNOT be either recycled or composted through the city's Blue Box and Green Bin programs
 - the process residues from BB and GB programs
 - the recyclables and compostables that get misdirected and end up in the garbage

Review of Our Responsibilities

- Provide input, advice and feedback on formal submissions, communications or reports having to do with the mandate of the RWWG and/or the Residual Waste Planning Study
- Plan and participate in public consultation events related to the residual waste processing initiative and the Residual Waste Planning Study (Attachment A presented to PW&I June 13, 2007)
- Participate, to the extent allowed by City policies, in the procurement processes for project consultants

Progress to Date

PRESENTATIONS

- Public Works and Infrastructure
- Green Lane Public Advisory Committee

MEETINGS

- 12 meetings of RWWG,
- 3 meetings of ISWSG
- Ongoing consultation with 3Rs and Multi-Family Waste Diversion Working Groups

SITE VISITS

- Dufferin, Disco Transfer and SSO sites
- Green Lane Landfill
- Dongara Pellet Facility

WORKSHOPS

- MBT, Landfill Gas and Sustainable Waste Management
- MOE, Waste Diversion Act Review Workshop
- City of Toronto Packaging Forum

Collaboration and Community Outreach

REPORTS

- Completed input on the *Privacy Impact Assessment*
- Completed input on the *Health Impact Assessment*
- Participated in the Health Impact Assessment – Screening
- Provided ongoing comment and input into the technical memoranda prepared by the Consultant

WEB BASED COMMUNITY OUTREACH

- Provide meeting minutes and meeting summaries on the City website for public dissemination and review.

Progress of the Residual Waste Study

- Initially assess 4 classes of technology and reduce this to 1 class - an MBT
- Initially assess 12 City-owned sites (transfer stations, closed and operating landfills) and reduce this to 2 potential sites

Challenges

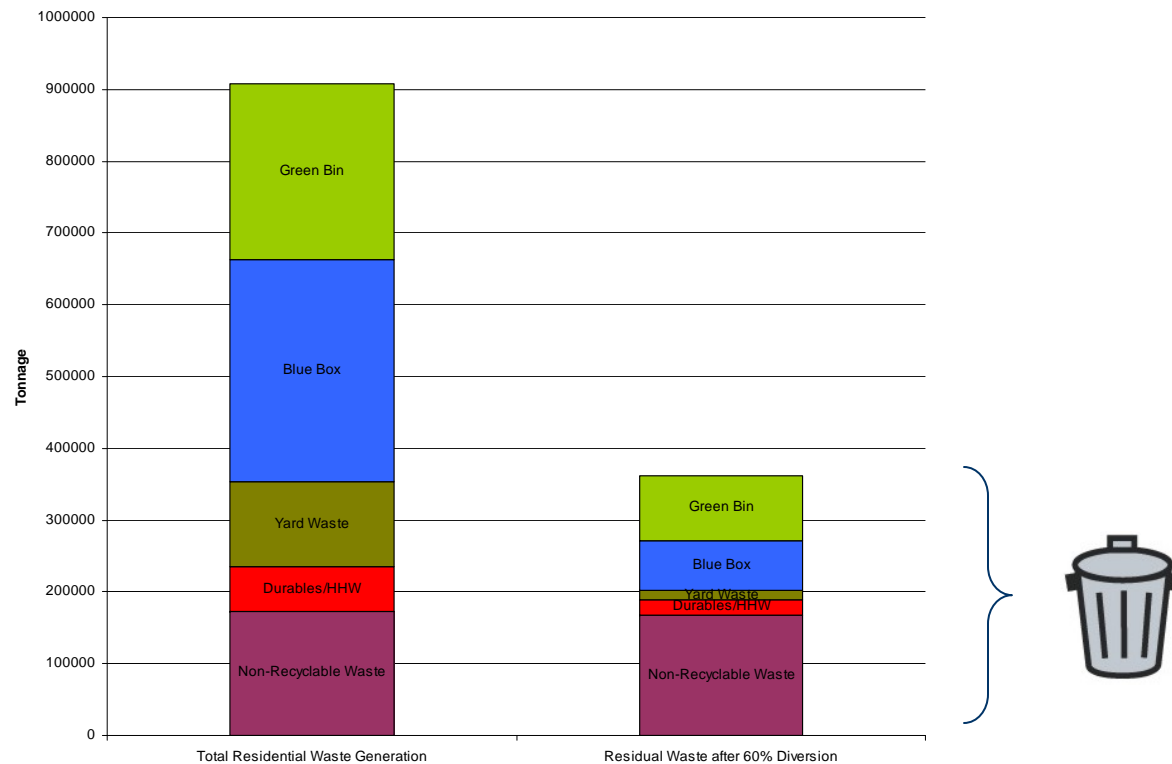
Our biggest challenges are:

- Legislative restrictions, i.e. definitions for compost and diversion from landfill
- Time line for the Study
- Finding solutions that minimize the environmental, social, economic and health impacts while striving for beneficial outcomes of waste management

Key Messages (1)

- Diversion activities must continue

Maximizing existing diversion programs =  residual waste



Key Messages (2)

- Landfill space is a precious resource
- Landfill life expectancy:
 - at 42% waste diversion = estimated 17 years
 - at 50-55% = estimated 19 to 21 years
 - at 70% = estimated 28 years
- Residual waste processing saves \$ and extends life of landfill
- Existing programs can be expanded and improved
- Synergies can be realized by thinking ‘outside the box’.

Goals for 2009

- Complete the residual waste planning study
- Select a preferred technology and site
- Complete the Health Impact Assessment
- Complete the Life Cycle Analysis
- Develop and implement a public consultation plan.
- Assess options for differential management of portions of the residual waste stream
- Make recommendations on next steps

Immediate Next Steps

- **Continue to collaborate with the Consultant and City Staff to finalize the Residual Waste Study – including, the technology mix and site, and the “status quo”**
- **Continue to strive for reduction of recyclables (resources) in the residual waste stream**
- **Develop and implement consultation plan**
- ***Ongoing Reporting to PWI*-- we will be back to follow up**