

# Waste Diversion and the CITY OF BRANDON “It’s Worth the Effort”



Presented by  
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# “The Way We Were”

-Up to 1989 the City of Brandon had a conventional back lane manual pickup using garbage cans.

-From 1989 to 2008 the City of Brandon used a dual system in which residents with front street access only used 120 gallon roll out carts. Residents with back lane collection shared a 300 or 600 gallon container with others in the immediate area.



# “Present”

- In 2008 all residents were provided a refuse and recycling cart of various sizes depending on need.
- There were 3 sizes of cart offered through a public consultation process.
- The three sizes were 48, 65, or 95 gallon.
- Carts were identified by lid colour, blue for recycling/black for refuse.
- Guidelines were developed in order to provide service to apartment blocks that were serviced in the past.
- Approximately 30,000 carts were purchased.



# “Why the Change”

- The original automated system was in need of replacement due to the difficulty in sourcing parts both for the trucks and the containers.
- Request for Information c/w site visits were completed
- Costs were estimated at \$7.9 million to replace the existing system including trucks and carts.
- Anticipated increase for recycling.
- Alignment with current industry standards.
- Better efficiency related to operating costs, times and volumes.
- Route capacities were increased with better compaction rates.





# ACQUISITIONS

-Six new trucks at approximately \$1.644 million.

-30,000 carts delivered, assembled and distributed at approximately \$1.926 million.

-Education \$25,000

Total cost was \$3.595 million.

Implemented October 2008



# Issues & Resolve

- Users liked the old system and were not willing to change.
- By-laws were not aligned with the new systems therefore allowing carts to be left out with no enforcement available.
- High density areas required multi number of bins to accommodate volumes.
- Contamination of recycling bins due to new system.
- New immigrants provided different barriers.
- Elderly and people with mobility issues for placing of carts.



# Current

- Waste Audits both internally and externally, have been performed at various households and businesses.
- Reflects an increase from an existing 17% rate before the new system was implemented to 34% rate.
- Contamination residual is running at approximately 15%. This is being dealt with by continuing education and a proposed revision to the by-law for enforcement.
- Residents of Brandon recycled 79.78 kilograms (A+) per person in 2009 according to the MPSC report card.



# Future Opportunities

-Pilot 18 month program on curbside composting showing early results of diverting over 51 metric tons of material in approximately 2 months. This program is supported in part by the WRAPP Fund of the Province of Manitoba.

**-Bulky Item Collection Program**

-Promotion of Re-Use and Free 2 U Programs

**-Household Hazardous Waste Day Expansion**

**-Oil Collection Program**

-Electronic Waste Collection Program

-Tire Recycling Program

**-Commercial Recycling**

