

Meeting Date: July 10, 2002

Subject: Staff Response to Commission Inquiry - Solid Waste Management Plan

At its meeting of December 19, 2001, staff was requested to:

- Report back with a diversion strategy that can be used to reduce the amount of garbage sent to landfills, with such report to include the types of waste generated.
- Investigate the option of utilization of a private sector managed location for disposal of TTC waste.

Solid Waste Management Plan

In the Spring of 2001, the TTC retained the services of a consultant to conduct a solid non-hazardous waste audit. A primary objective was to support the City of Toronto's waste diversion targets of 30% by 2003 and 60% by 2006. The consultant reported that, in 2000, 18.1% of TTC solid waste material was diverted.

TTC had already implemented recycling/diversion programs for a wide range of materials including: scrap metal, rubber, mixed office paper, wood waste, glass scrap, corrugated cardboard, newspaper, yard waste, and cans/bottles.

Concrete, soil and scrap metal account for approximately 60% of the total solid, non-hazardous waste generated by the TTC. As such, the TTC's short-term waste diversion measures have focused on these types of materials.

Short-Term Action

1. Expanding subway newspaper program to every station (Sheppard remaining).
2. Installing additional 3-component OMG recycling units in close proximity to all subway station entrances/exits. This cooperative effort with the City of Toronto has given our patrons the opportunity to recycle other traditional blue-box items such as cans, bottles and plastic (complete).
3. Diverting 100% of the Concrete Rubble/Fill Waste.
4. Replacing Existing Garbage Trucks with Dual-Stream Capabilities (refer to Commission Report: Procurement Authorization – Supply of One Dual Side Load Packer Truck on the same agenda).
5. Redeveloping Hillcrest Waste Transfer Area (Fall 2002)

Design and construct a controlled facility to reduce cross contamination, optimizing existing diversion programs and improving waste handling. This item will result in a 5% increase in the year-to-date 2002 diversion rate.

Future Diversion Plans (2003-2006)

Long-term efforts will focus on expanding the more traditional blue-box type recycling programs. It is the TTC's intention to meet City of Toronto's waste diversion targets ahead of schedule, as detailed in the attached chart (Appendix "A").

Disposal Of TTC Waste

A Request for Information (RFI) on utilizing a private sector managed location for the disposal of the TTC's solid non-hazardous waste was prepared by staff and posted on the TTC web-site.

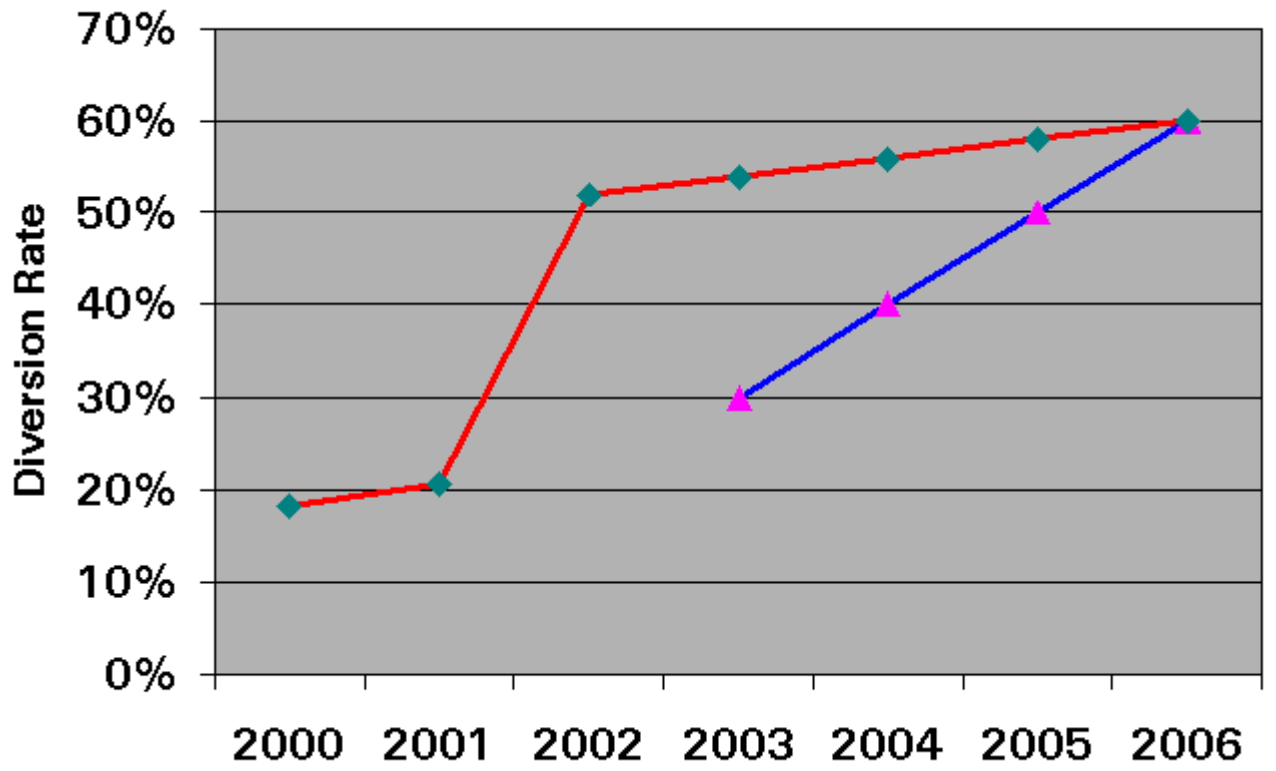
Five companies submitted a statement of interest in the disposal of TTC solid non-hazardous waste. In the majority of cases, the disposal services are provided through a network of transfer stations in the Greater Toronto area and all locations have the applicable licenses to operate and accept non-hazardous solid waste. To understand the impact of working with private sector transfer stations, TTC would need to issue a tender request to the five firms that have been identified. Staff believe costs may actually be greater due to another layer of handling and management and as such recommend no further action at this time.

Chief General Manager

6-75-89

Attachment: Appendix "A"

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PROJECTED DIVERSION RATE

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