

## **Appendix D: Site Visits**

The Task Force visited a number of solid waste management facilities in order to gain new perspectives. Between six and nine members of City Council participated at each site visit (unless otherwise noted) with staff representatives of Solid Waste Management Services. Summaries of the facilities visited are presented below:

### **American REF-FUEL, Niagara Falls, New York.**

Contact: Mr. Derek Veenhof (281) 649-4920

Visit Date: March 29, 2001

Ref-fuel's resource recovery facility converts municipal solid waste to energy through high temperature combustion.

### **Canada Composting Inc., Newmarket, ON.**

Contact: Mr. Kevin Matthews (905) 830-1160

Visit Date: April 6, 2001

Canada Composting Inc. ("CCI") operates an anaerobic digestion facility that processes organic material into compost using a German designed technology known as the BTA-Process. A by-product of the digestion process is the production of bio-gas that can be utilized for the production of hydro-electricity. A facility is currently being constructed at the City's Dufferin Transfer Station that will use the same BTA-Process technology.

### **WASTECO, Toronto**

Contact: Carl Lorusso (416) 787-5000

Visit Date: March 9, 2001

WASTECO is a multi-faceted recycling facility. Two components of their operations are management of commercial fibre materials and processing of stale-dated or off-specification food items.

### **Mega City, Recycling Inc. Toronto**

Contact: Mr. Larry Herman (416) 745-8080

Visit Date: April 6, 2001

MegaCity operates a recycling plant that takes construction and demolition waste from the private sector and processes it for secondary markets. For example, damaged wooden pallets are ground to provide a feedstock for particle or chipboard manufacture.

### **Dufferin Material Recovery Facility, Toronto**

Contact: John Baldry, SWM Services. (416) 397-5381

Visit Date: April 6, 2001

The City of Toronto's Solid Waste Management Services division operates a materials recovery facility ("MRF"), at the Dufferin Transfer Station (located near Highway 401 and Dufferin St.). The facility, which is operated by Miller Waste Systems under contract to the City, processes materials collected in the City's Blue Box program and ships sorted and bulked materials to companies that recycle the materials.

**Primenergy, Tulsa, Oklahoma.**

Contact: Mr. Bill Scott (918) 835-1011

Visit Date: April 17, 2001

Primenergy is a company located in Tulsa, Oklahoma. It specializes in the design and construction of a waste-to-energy technology known as "gasification". The technology produces heat energy in a controlled chamber that has industrial applications.

Councillor Bas Balkissoon and Lawson Oates of Solid Waste Management Services visited Primenergy facility in order to gain first-hand experience of a gasification plant in operation.

**City of Guelph Wet-Dry Recycling Centre**

Contact: Dr. Janet Laird

Visit Date: May 23, 2001

The City of Guelph operates a two-stream solid waste management system. Residents and businesses receiving curbside collection are called on to separate their solid waste into a "Wet" stream (i.e. kitchen organic waste and bathroom waste) and "Dry" (i.e. recyclables and residual garbage), utilizing green (Wet) and blue (Dry) coloured plastic bags. The Wet waste is composted in an in-vessel channel composter.