

# SSO and Recycling Infrastructure Sub-Committee – January 5, 2010

- 1. Disco SSO Facility Negotiations
- 2. Waste Diversion Act, 2002 Review Impacts
- 3. Mixed Waste Processing Facility Proposed at Green Lane Landfill Property

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# 1. Disco SSO Facility Negotiations

### Update

- As per Council direction, negotiations underway with AECOM.
- Results of negotiations will be presented at the February 2, 2010 Public Works & Infrastructure Committee meeting.



### Background

- Act passed in June 2002, mandated a review within 5 years.
- MOE began consultation in April 2007.
- City participated in consultation sessions and submitted written comments.
- Consultation culminated in Minister's report on the Waste Diversion Act, 2002 review – posted on Environmental Registry on October 28, 2009.
- Deadline for comments February 1, 2010.



### **Minister's Recommendation:**

1. Extended producer responsibility – producers fully responsible for waste diversion from residential and ICI sectors.

- City supports producers being fully and financially responsible.
- Supports designation of all packaging and printed paper sold in Ontario.
- Producers should be financially responsible for all printed paper and packaging disposed in recycling, litter, organics or waste streams.



### **Minister's Recommendation:**

2. Producers be given flexibility to decide how to achieve their WDA regulated obligations – could join a materials management scheme or develop their own individual diversion plan.

- Flexibility should not be at expense of consumer convenience and accessibility.
- Municipalities should have opportunity to participate in planning and operation of new system – provide services at a fair price.
- Concerned that flexibility for individual producers could lead to fragmentation of collection system (e.g., depot for cereal boxes, another depot for pop cans) – resident confusion and lower participation.



### **Minister's Recommendation:**

3. Penalties would be levied on products that fail to meet material specific diversion targets.

- Penalties must be significant.
- Must avoid situation where penalties become a cost of doing business since cheaper than operating diversion program (amount of a parking ticket has to be higher than the price to park).



### **Minister's Recommendations**

- 4. Develop a five-year waste diversion schedule as follows:
  - ICI printed paper and packaging, WEEE Phase 3, construction and demolition materials [two years].
  - Bulky items (e.g., furniture and mattresses) [three/four years].
  - Branded organics, vehicles, small household items [five years].

- Designation of branded organics should occur sooner than five years.
- White goods should be included in WEEE Phase 3.



### **Minister's Recommendations:**

5. Designated materials banned from landfill when a viable alternative to disposal exists.

#### City Comments:

- City supports as it will drive diversion.
- 6. Disposal levy to narrow gap between cost of disposal and diversion revenues to be used to advance diversion efforts of businesses, consumers and municipalities.

- Levy needs to be high enough to influence waste diversion behaviour change.
- Revenue should be earmarked for program promotion and Research & Development to support waste diversion efforts.
- Levies on municipal waste should be rebated for local diversion initiatives.



### **Minister's Recommendations:**

7. During transition phase, attention to focus on minimal disruption of service for consumers. Current framework to remain in place for existing programs until transition is complete.

- During transition to full EPR system, municipalities should be reimbursed for 100% of their costs.
- *Municipalities should be compensated for stranded assets.*
- Stranded assets should be assessed based on a number of factors including value of Certificate of Approval, infrastructure and operational equipment, and land value.





# **Processing Implications**

- In August 2009, Council approved Request for Proposal (RFP) for project plan and engineering studies for re-development of Dufferin Waste Management Facility.
- Re-development to include a new 240,000 tonnes per year Material Recovery Facility (MRF).
- Plans for new MRF on hold until *Waste Diversion Act,* 2002 transition plan and future role of City is clarified.
- Will consider contract options for existing processors in the interim.



### **NEXT STEPS**

- City to submit its written comments to Minister through Environmental Registry by February 1, 2010.
- Once Minister decides what changes to make, new legislation would be drafted and posted on Environmental Registry.
- Proposed legislation would then be debated through Legislature and Committee hearings prior to receiving approval and Royal Assent.
- Could take at least two to three years before changes to WDA take effect. Transition timeline could be significantly longer.





- Target 70 strategy includes developing new infrastructure to process and treat residual waste.
- Provides 8% diversion towards 70%.
- Comprehensive study recommended Mechanical and Biological Treatment Technology operating on City-owned property adjacent to Green Lane Landfill.
- Ministry of the Environment issued draft updated compost standards (November 2009) for consultation. Final standards anticipated in 2010.



Public consultation (Green Lane Landfill area):

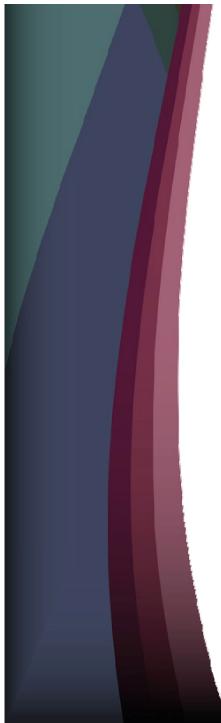
- Presentations to Southwold Township Council, First Nations Liaison Committee, Green Lane PLC.
- Open Houses in St. Thomas September 29 & 30, 2009.
- September 29, 2009 at Green Lane Landfill:
  - 80 key stakeholders and neighbours invited;
  - Over 65 attendees.
- September 30, 2009 in St. Thomas:
  - Public session, advertised in local newspaper;
  - Over 60 attendees, including local media and MPP staff.
- 28 submissions/comments received.
- Key Issues:
  - Odour, leachate and traffic concerns;
  - Anaerobic preferable to aerobic composting;
  - Community benefits;
  - Increase area of property value protection plan.



#### Public consultation (Toronto):

- Solicited public comments:
  - Invitation to 1300 stakeholders on study mailing list (October 20, 2009);
  - Advertisements in Toronto community newspapers (November 26, & 27, 2009);
  - City website.
- 21 submissions/comments received (comment period ended December 31, 2009).
- Key Issues:
  - Consider other technologies (e.g., EFW, cogeneration, residue for asphalt).
  - Financial/cost concerns (e.g., let budget dictate technology, maximize value for taxpayers, consider transportation costs, sell energy).
- Residual Waste Working Group, citizen advisory group, provided input and advice throughout the study.
- Comments will be used during the RFP stage.





### **Next Steps**

- A Request for Pre-Qualification (RFPQ) submission will be released in January 2010.
- This RFPQ will result in a shortlist of qualified Respondents, who will be invited to respond to a RFP call for the design, construction and operation of a minimum 150,000 tonnes per year facility.
- The RFPQ will also consider private sector MBT processing contract arrangements.



### Timelines

- RFPQ January to March 2010.
- Bid Evaluation April to May 2010.
- Prepare RFP March to September 2010.
- Issue RFP Late 2010.
- Evaluate and Recommend Proponent Mid 2011.
- Award report to Council Mid 2011.
- Begin infrastructure construction or enter into a contract with existing private sector processor – Late 2011.

