

Public Consultation Event

For the Development of a

Municipal Solid Waste Management Strategic Plan



Public Consultation Event #4
August 6, 2011

Round Lake, Ontario

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Introductions

➔ Welcome

➔ Tyler Peters
Greenview Environmental Management

➔ Mayor, Members of Council and Staff





Event Format

➔ Slide Presentation

➔ Question & Answer Session

➔ Open House

- Individual Q&A
- Discussion
- Comment Forms
- Questionnaire/Surveys





Presentation Outline

- ➔ Brief review of background, purpose and scope of MSWMSP
- ➔ Present results of the Detailed Work Plan (DWP) studies
- ➔ Next Steps





Background

- ➔ Objective - to present an update on results of more detailed feasibility studies associated with the **development** of the Township's solid waste management strategic plan
- ➔ Studies undertaken by the Township, as a waste management working group/sub-committee





Recall: Problem (Opportunity)

- ➔ Limited residual waste disposal capacity remaining at approved landfilling site
- ➔ Township requires a long-term (20-year) solution for managing solid waste generated in the Township, that is *economically-feasible and environmentally-responsible*

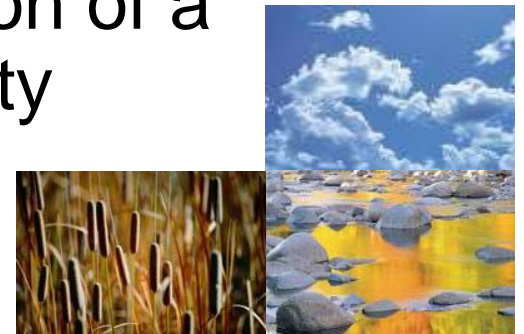




Recall: General Work Plan (2010)

➔ Alternatives / Options:

- Diversion – 3R's, maximize diversion to the most feasible extent
- Landfill – capacity expansion at Killaloe site, and/or capacity utilization at Round Lake site
- Export – transport waste to OVWRC (Pembroke) and/or Lafleche Environmental (Moose Creek)
- Incineration – consideration of a private and/or public facility





General Work Plan Results (2010)

➔ Screening of Alternatives / Options:

- Diversion – 3R's, maximize diversion to the most feasible extent
- Landfill – capacity expansion at Killaloe site, and/or capacity utilization at Round Lake site
- Export – transport waste to OVWRC (Pembroke) and/or Lafleche Environmental (Moose Creek)





Detailed Work Plan (2011)

➔ Alternatives / Options:

- Diversion – integral part of the plan
- Landfill – capacity expansion at Killaloe site, and/or capacity utilization at Round Lake site
- Export – focused operational scenarios for waste export to Lafleche Environmental





Detailed Work Plan (2011)

➔ Diversion:

- 2010 diversion rate ~40%, increasing trend
- Waste recycling strategy (Dec 2010)
- Diversion incentive review (increased bag tag cost, clear bags, bag limits, etc.)
- Multi-municipal approach for recycling services
- CIF support for blue box program enhancements (new bb's, public space recycling, P&E program)

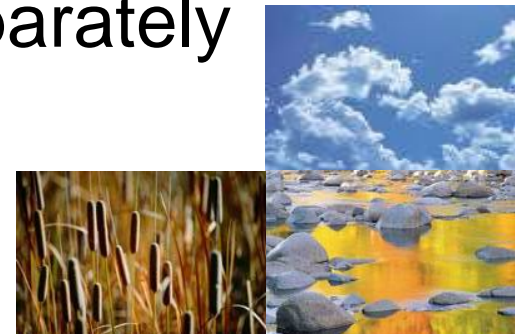




Detailed Work Plan (2011)

➔ Waste Export:

- Detailed review of operational scenarios from GWP (2010)
- Export to OVWRC or Lafleche Env.
- Service provision needs assessment and cost review (site amendments/upgrades/new infrastructure)
- Focused on bagged waste only
- Construction, demolition and bulky waste to be managed separately





Detailed Work Plan (2011)

➔ Waste Export (cont'd):

- Considers new/additional costs only, no recycling cost considerations
- Infrastructure upgrades over five (5) year period
- Killaloe site as centralized WTS - Round Lake and Red Rock sites status quo or no public service
- Contracted waste haulage
- MOE permitting and approvals

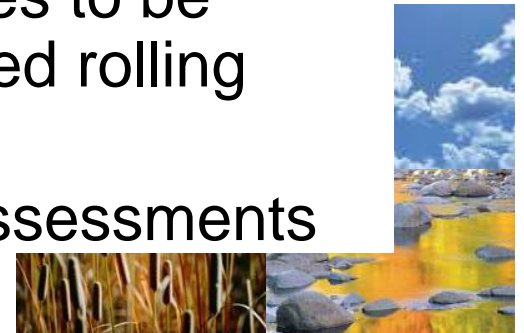




GWP / DWP – Economic Assessment Review

➔ Amendments to the economic models reflect:

- Detailed operational scenario review
- Detailed/select infrastructure needs review (equipment/resources)
- Waste tonnages – operational review redefined quantities to be managed
 - 1,200 tonnes (2010), all waste materials
 - 250 tonnes (2008 – 2010 average), bagged waste only
- Haulage/transportation services to be contracted, no Township-owned rolling stock
- Projected values for annual assessments





DWP Economic Assessment Results (2011)

Waste Management Alternative and Option	Estimated Additional Cost Per \$100k Assessment (2010)	Estimated Additional Cost Per \$100k Assessment (2011)
Landfill		
Killaloe Site Lateral / Vertical Expansion	\$ 50	\$ 17
Killaloe Site Reclamation	\$ 80	N/C
Round Lake Site Utilization	\$ 70	\$ 27
Waste Export		
Ottawa Valley Waste Recovery Centre (Township Haulage)	\$ 350	N/C
Ottawa Valley Waste Recovery Centre (Contracted Haulage)	\$ 330	\$ 177
Lafleche Environmental (Township Haulage)	\$ 250	N/C
Lafleche Environmental (Contracted Haulage)	N/C	\$ 32
Waste Export (Killaloe Site Operational Only)		
Ottawa Valley Waste Recovery Centre (Contracted Haulage)	N/C	\$ 166
Lafleche Environmental (Contracted Haulage)	N/C	\$ 21





DWP Results Summary

- ➔ Township is maximizing opportunities to plan, develop and integrate diversion programs (best practices)
- ➔ Assuming environmental impacts as low/negligible for landfill/export alternatives/options, minimal difference in costs (export – Lafleche)





Next Steps

- ➔ PCE #4 - August 6, 2011
- ➔ Summarize and present PCE #4 results, questionnaires/surveys, public input
- ➔ Council to review all aspects, and select a Preferred Alternative (Option) by October 2011
- ➔ MOE final consultations
- ➔ Implementation





Questions?

