

Waste Diversion Plan 2012

The Blue Mountains
Committee Presentation
October 16, 2012

Overview

- Focused on Residential – with components of IC&I.
- Consultation
 - PIC's
 - Webpage
 - Commercial Patrons
 - Property Management Companies
- Goals
- Industry Best Practices – WDO Best Practices



Funding - WDP

- Best Practices 25%, Performance (net cost and recovery) 45%, Net Cost 30%
- Areas of Best Practice
 - Current WDP within last 5 years with goals, monitoring and reporting
 - Performance measures and monitoring
 - Multi municipal planning
 - Optimization of operations
 - Training
 - Planned, designed promotions and education
 - Established policies that induce waste diversion

Plan Recommendations

- Adopt Goals and Targets
- Source Separated Organics
- Proactive Bag Tag Enforcement
- Identification of new blue box materials
- Golden Box Incentive Program
- New P&E for Multi-units
- Reuse Depot

Plan Recommendations Continued

- Fee Changes
- Implement WDO best practices
- Assist IC&I sectors with waste diversion
- Shingle and drywall recycling
- Waste box indicator program
- Leaf and Yard waste collection
- Continue to investigate emerging diversion opportunities



Consultation Feed Back

- General Public
 - 23 comments and 13 supporting organics
- Property Management
 - Split on organics
- Commercial Patrons
 - BMR supporting plan and concerned with organics at multi-units
- Blue Mountain Rate Payers
 - Support goal, concerns about meeting target due to STA's and part-time resident participation
 - Cost questions

Source Separated Organics

- Major Components
 - Bins, indicators, educational piece
 - CofA and Air Modeling
 - Mixer, Hydro, and Site Preparation
- Operational
 - Collection
 - Fuel, Hydro, Testing, Screening



ORGANICS COST

	Item	Description	Cost \$
Capital Gas Tax Supported Cost	Mixer	Blend incoming organics	\$90,000
	Hydro	3 phase	\$15,000
	Green Bins	Promotions and indicators	\$194,000
	Certificate of Approval	Air Modeling	\$50,000
			Subtotal
Annual Operational Taxation Supported Cost	Collections	All Serviceable Units	\$93,300
	Hydro, Fuel, Testing, Screening, Training	Compost Operations	\$16,500
			Subtotal



ORGANICS COST

- Organics vs Landfill (\$280 vs \$315/tonne)
- Landfilling cost does not include collection ($\$144 + \$315 = \$459$ /tonne)
- Potential Commercial tipping revenue
- Capital components not on tax levy
- Long term financial benefit – extending life by 6 years with a 40% capture rate.

Municipal Comparison

- Population with Access to Organics - 2.6 million households - over half of the province
- Top similar municipalities
- High diversion rate 39 - 42%
 - What ever the mix – it is working!
- Pilot Results 32% capture rate results in 48% overall residential diversion rate
- 53% Blue Box Capture Rate in TBM
- Simcoe 40% capture rate in 2010 – 50% by early 2012

Rural Collection South	Community 2010	Overall Diversion Rate
1	MEAFORD	57.58%
2	EAST LUTHER GRAND VALLEY, TOWNSHIP OF	55.52%
3	MONO, TOWN OF	55.51%
4	OTTAWA VALLEY WASTE RECOVERY CENTRE	52.25%
5	SOUTHGATE, TOWNSHIP OF	49.86%
9	THE BLUE MOUNTAINS	41.97%

Ideas to “Digest”

- Cleaner Air – every tonne of organics composted eliminates a tonne of GHG
 - 5% of Community Goal, or
 - 68% of Corporate Goal
- 60% Goal must include organics, AND...
- Doing Well – Will continue to do well!





Questions?