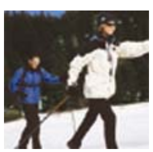


2009
Solid Waste Management Operating Budget

Solid Waste Management Committee

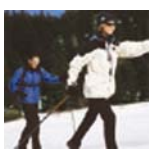
Erin Mahoney

January 14, 2009

Reference Agenda Item D1

Recent Achievements

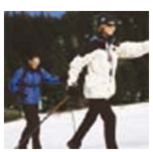


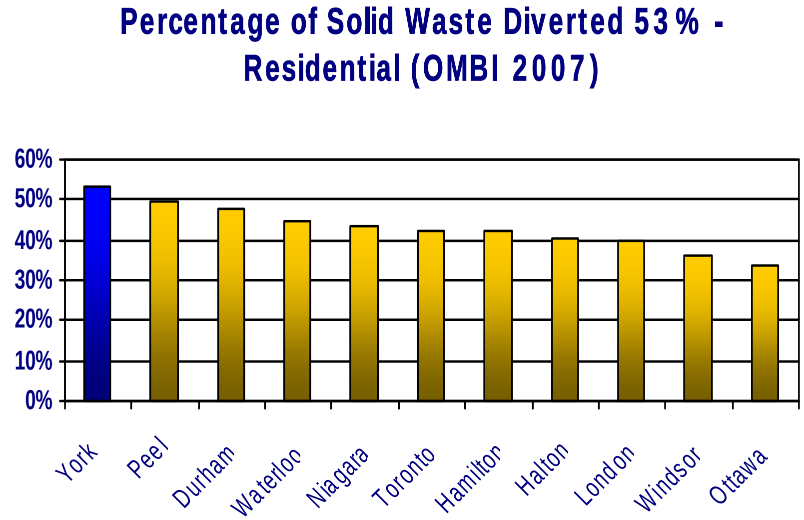



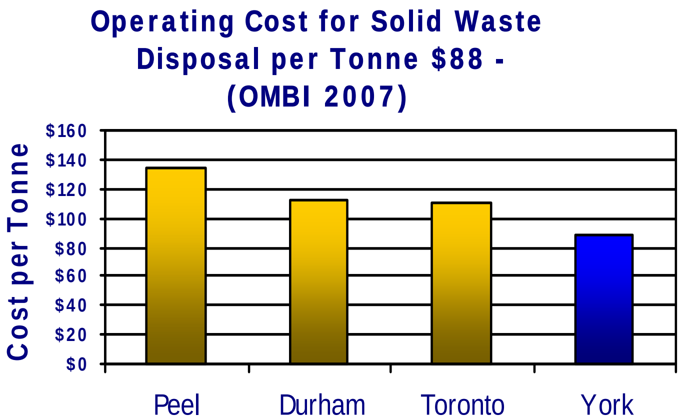

- Highest OMBI waste diversion rate in 2007 at 52% and lowest disposal cost in the GTA
- Began shipping residual waste to Dongara Pelletization Plant in July 2008
- Plastic bag take-back program launched in April 2008
- Installed a residue clean-up system at the MRF
- CEC Vaughan under construction and scheduled to open spring of 2009
- Promotion and Education Campaign increased participation in the Blue Box and Green Bin programs
- Selected a preferred site in Clarington and issued RFP for Energy from Waste (EFW) vendors as part of York/Durham joint EA
- Ongoing advocacy on waste regulatory issues

No longer shipping waste to Michigan effective August 2008

2007 Benchmarks with other Municipalities Solid Waste Operating

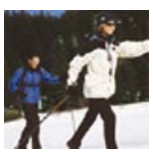






Highest diversion rate of all OMBI reported locations and lowest cost disposal service provider in the GTA

Current Pressures

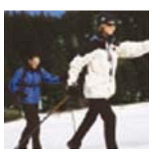


- Source separated organics processing capacity long-term plan
- Completion of Environmental Assessment with Durham Region for EFW
- Increasing blue box capacity requirements and commodity market fluctuations
- Continued expansion of the Community Environmental Center (CEC) network in Richmond Hill

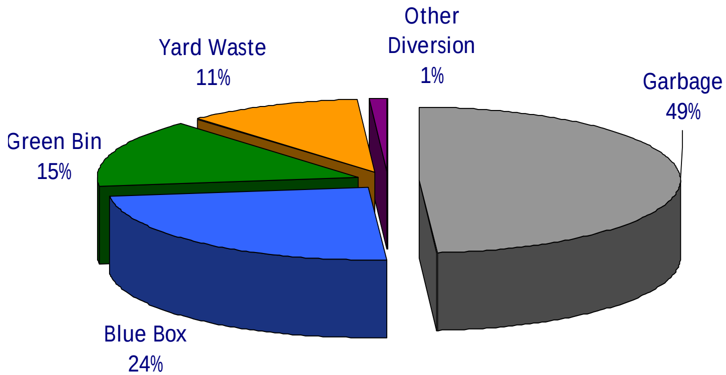
Vital to focus on diversified long-term waste management solutions

WDO Diversion Rates

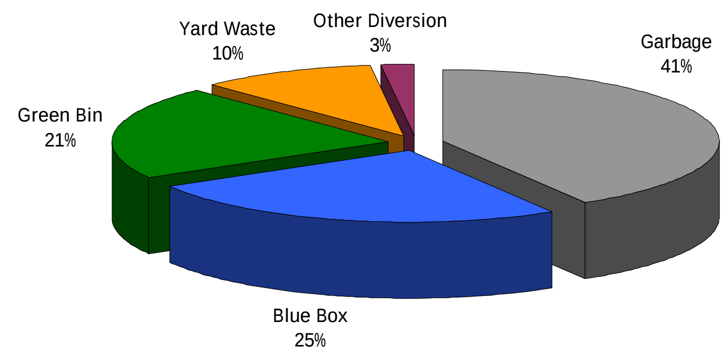



ESTIMATED WDO DIVERSION (2008) 51%



WDO DIVERSION (2009) 59%



WDO Diversion Rate

2004	25%
2007	46%
2008	51%
2009	59%
2010	60% (Target)

On track for delivery of 60% WDO diversion by 2010

2009 Priorities



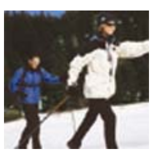


- Finalize long term Source Separated Organics management plans
- Develop integrated Waste Management Master Plan
- Develop waste reduction strategy
- Expand promotion of Regional waste diversion services

Integrated Waste Management Master Plan

Reduce, Re-use, Recycle, Recover

2009 Net Operating Budget Pressures - SWM



	Amount	% Change
2008 Net Operating Budget (Excluding Interdepartmental & Contribution to Capital)	$32.1 M	
Enhancements - increase is primarily due to Waste Reduction Advocacy and Parks Pilot	$0.4 M	1.1%
Growth - increase is primarily due to increased tonnage levels for the Region's population growth	$1.2 M	3.7%
Annualization - operating costs related to the Glass Clean-up system at the MRF	$0.1 M	0.4%
Mandatory/Legislative	$0.0 M	
BASE - increase is primarily due to $4.4M drop in blue box revenue and increased diversion tonnage in 2008	$5.5 M	17.1%
	$39.3 M	22.3%

92% or $6.6M of the $7.2M increase due to market revenue decrease, contracted services and expected population growth

York Region

2009 Staffing Budget Pressure





- 1 FTE for Capital Delivery required to deliver volume of work associated with CEC's, SSO Joint Venture and EFW Joint Venture
- 1 FTE required to deliver Waste Audits, Waste Advocacy, Parks Pilot and Public Space Waste Diversion pilot projects
- 1 TFT for Blue Box By-law Enforcement to drive implementation of graduated notification and penalty system for non-compliance with program requirements

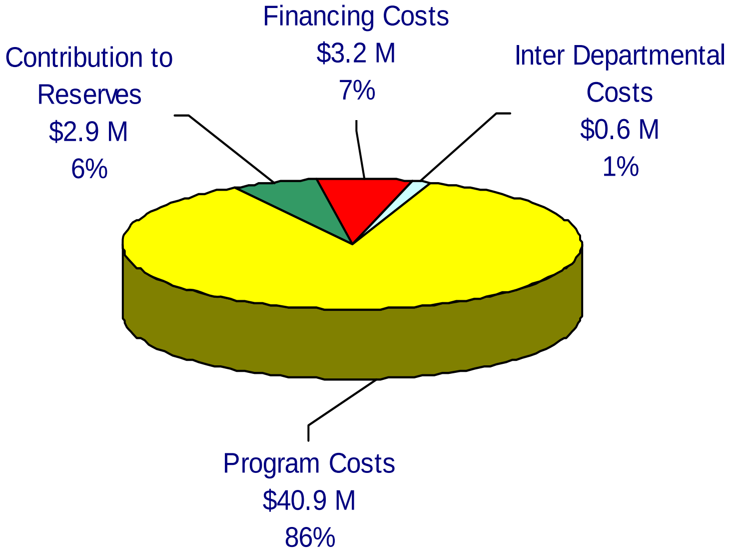
York Region

2008 / 09 Budget Overview - SWM Operating

2008

GROSS EXPENDITURES

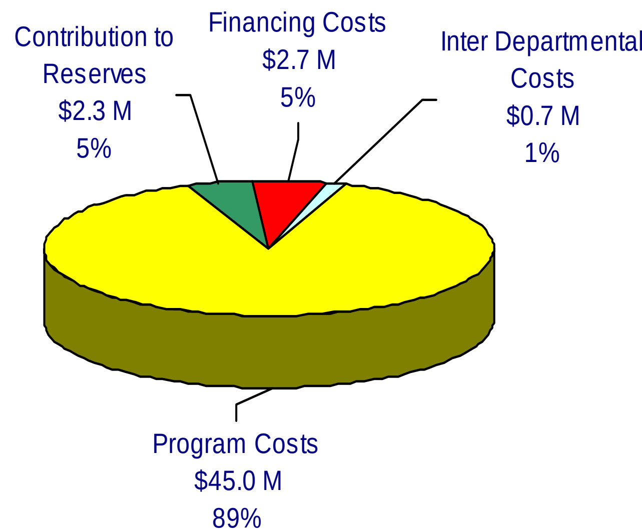
$47.6 Million



2009

GROSS EXPENDITURES

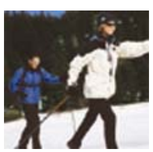
$50.7 Million



2009 Contracted services equal 82% of gross expenditures

2008 / 09 Budget Overview – SWM Operating

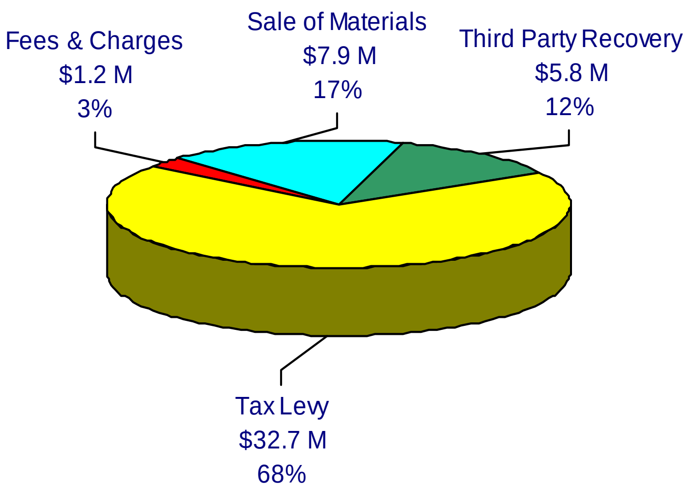



2008

GROSS REVENUES

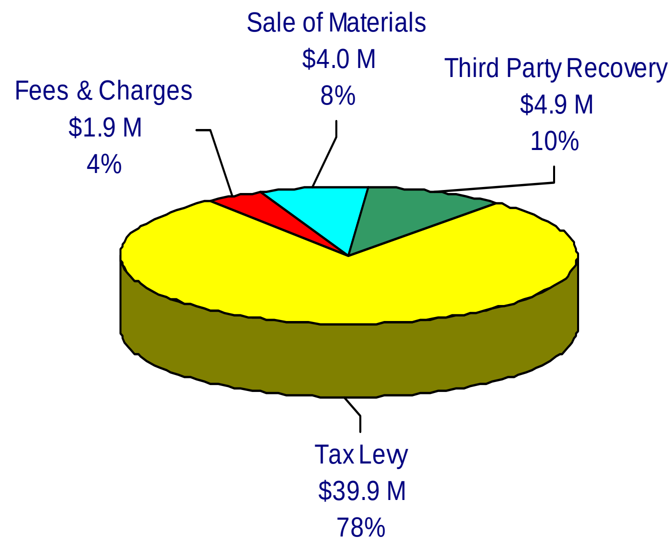
$47.6 Million



2009

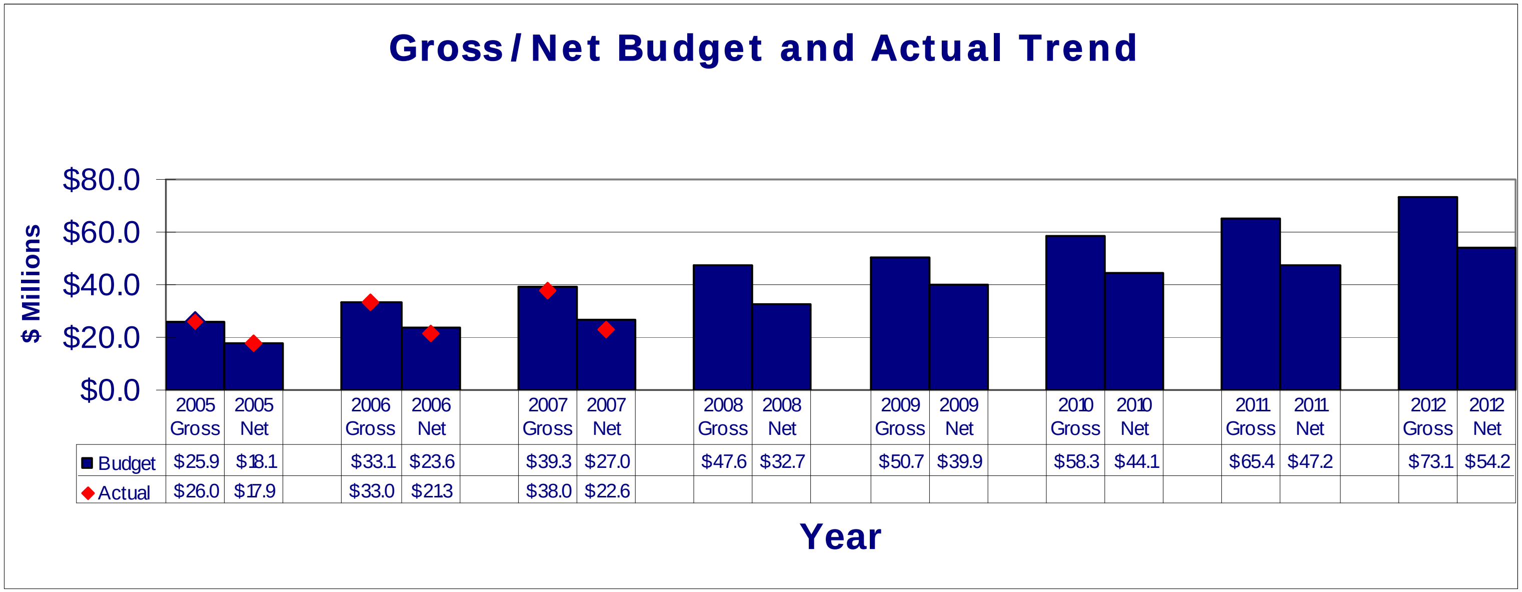
GROSS REVENUES

$50.7 Million



Lower blue box revenues increase base tax levy impact by $4.4M

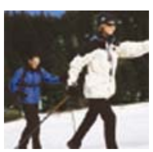
Solid Waste Operating Budget Trend



	2005 Gross	2005 Net	2006 Gross	2006 Net	2007 Gross	2007 Net	2008 Gross	2008 Net	2009 Gross	2009 Net	2010 Gross	2010 Net	2011 Gross	2011 Net	2012 Gross	2012 Net
Budget	$25.9	$18.1	$33.1	$23.6	$39.3	$27.0	$47.6	$32.7	$50.7	$39.9	$58.3	$44.1	$65.4	$47.2	$73.1	$54.2
Actual	$26.0	$17.9	$33.0	$21.3	$38.0	$22.6										

2009 cost drivers are 3% growth and blue box commodity market drop

2009 Waste Management Program Costs



Cost Per Tonne Summary	**2009 Budget***		
	MT	**Total**	**$/MT**
Residual Waste (with blue box residue)	132,850	$ 15,328,100	$ 115
Blue Box (with residue)	95,649	$ 8,022,193	$ 84
Yard Waste	30,553	$ 1,939,700	$ 63
Asian Long-horned Beetle	5,344	$ 442,800	$ 83
Household Hazardous Waste/Electronics	2,418	$ 1,436,588	$ 594
Source Separated Organics	87,925	$ 13,303,000	$ 151
GTS diversion/CEC V. Scrap Metal, Tires, other	8,595	$ 1,393,700	$ 162
Total	**363,334**	**$ 41,866,081**	**$ 115**

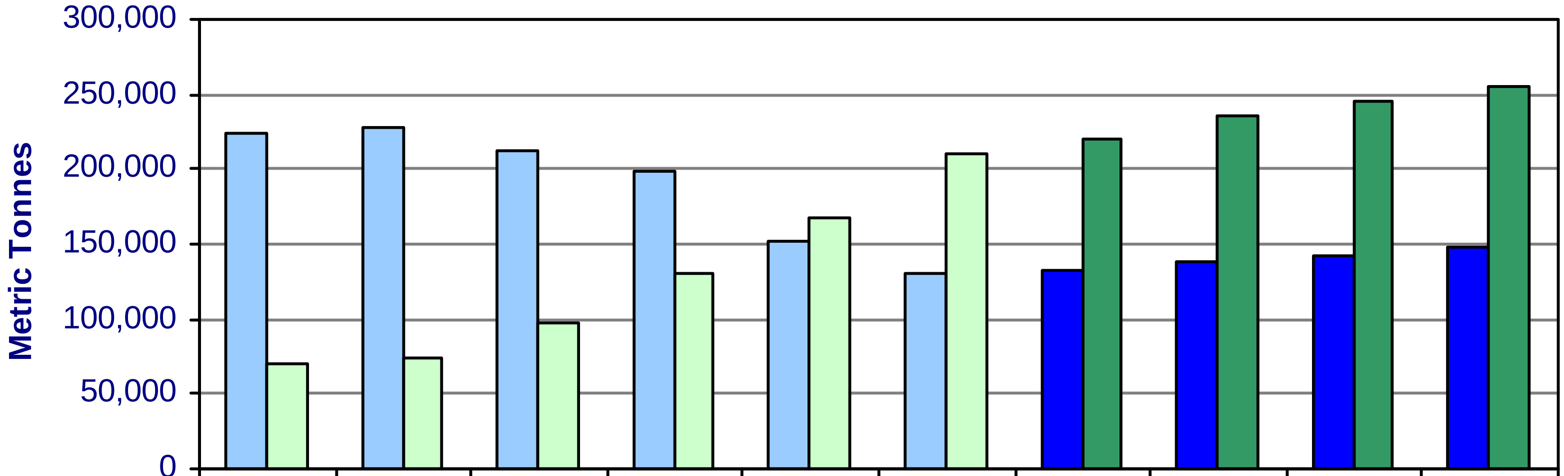
**excluding fees & charges, debt payments and charge back to Roads*

Reduced Blue Box Revenues increase the $/MT from $23 to $84

York Region

2009 Key Performance Indicators
Solid Waste Operating

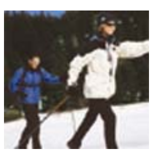
Total Tonnes of Solid Waste Managed



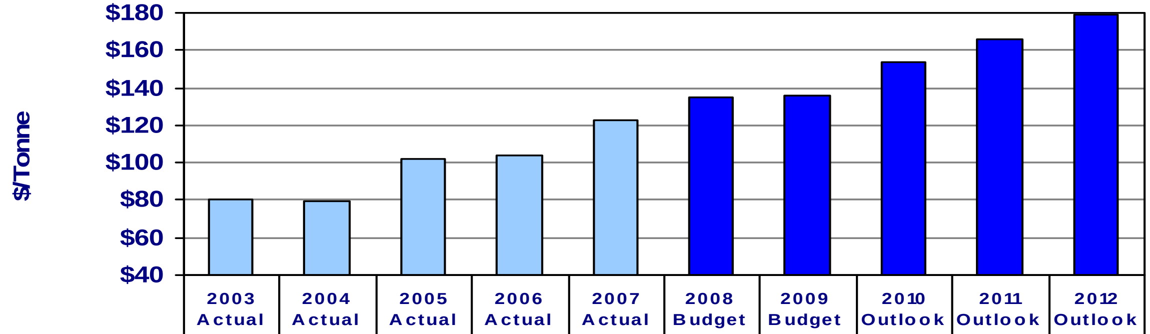
	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Forecast	2009 Budget	2010 Outlook	2011 Outlook	2012 Outlook
Disposal	224,542	228,698	212,867	197,942	152,331	129,800	132,850	137,370	142,173	147,860
Diversion	69,481	73,988	97,124	131,340	167,215	210,530	219,635	235,271	244,549	254,331

Future Tonnage increase driven by population growth and CEC's

2009 Key Performance Indicators
Solid Waste

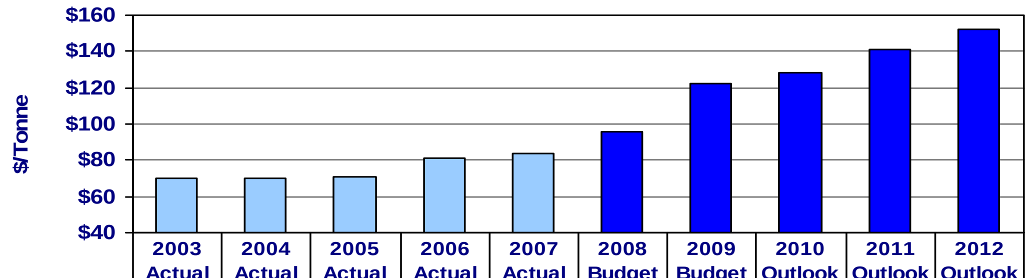


Diversion Cost per Tonne



	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Budget	2009 Budget	2010 Outlook	2011 Outlook	2012 Outlook
Cost/ Tonne	$80	$79	$102	$104	$123	$135	$136	$154	$166	$179

Disposal Cost per Tonne



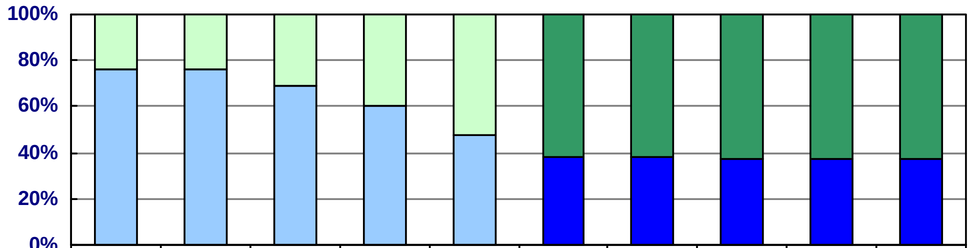
	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Budget	2009 Budget	2010 Outlook	2011 Outlook	2012 Outlook
Cost/ Tonne	$70	$70	$71	$81	$84	$96	$122	$128	$141	$152

Outlook Years include increase due to debenture financing on capital

2009 Key Performance Indicators
Solid Waste Operating

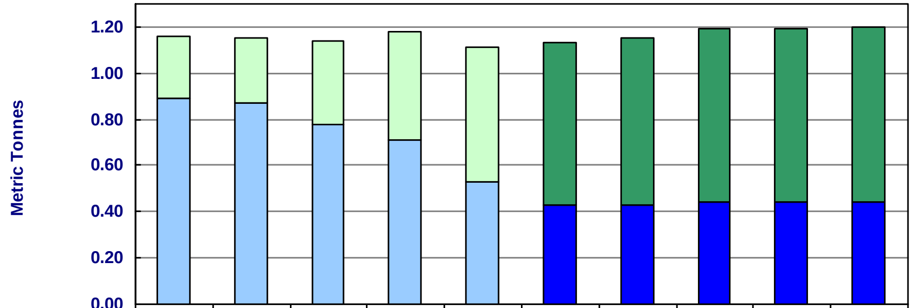
2009 increased diversion due to increased SSO and blue box participation

KPI Ratio of Solid Waste Diversion to Disposal



	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Forecast	2009 Budget	2010 Outlook	2011 Outlook	2012 Outlook
% Diverted	24%	24%	31%	40%	52%	62%	62%	63%	63%	63%
% Disposal	76%	76%	69%	60%	48%	38%	38%	37%	37%	37%

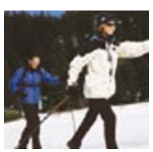
KPI Tonnes of Waste Per Household



	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Forcast	2009 Budget	2010 Outlook	2011 Outlook	2012 Outlook
Diversion/Houshold	0.27	0.28	0.36	0.47	0.58	0.70	0.72	0.75	0.75	0.76
Disposal/Household	0.89	0.87	0.78	0.71	0.53	0.43	0.43	0.44	0.44	0.44

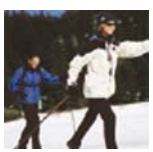
Tonnes per household comparable to other large urban municipalities - OMBI

Ensuring continued success in 2009



- Implementing Joint Waste Diversion Strategy and goals in conjunction with our nine local municipalities
- 59% WDO diversion assured
- 87% diversion from landfill with Dongara operation
- Reliable and diversified waste management including long-term SSO and disposal capacity
- Opportunity to increase the system ownership with decision on Energy from Waste in Q2/Q3

Effective Waste Management in partnership with the local municipalities



2009

Solid Waste Management Operating Budget

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