

Table 6.2.1
Estimate of Future Program Recovery Quantities

Category	Material	2001		2002	2003		2004		2005		2006		Recovery Rates in Projections	
		Actual Tonnes	Recovery Rate	Recovery Estimate	Quantity Recovered is in Tonnes								Natural Growth	50% Recovery
					Natural Growth	50% Recovery	Natural Growth	50% Recovery	Natural Growth	50% Recovery	Natural Growth	50% Recovery		
PRINTED PAPER														
	Newspaper	350,337	71.6%	355,600	360,900	378,200	366,300	383,900	371,800	389,600	377,400	395,400	71.6%	75.0%
	Magazines and Catalogues	14,402	16.1%	14,600	14,600	23,100	15,100	23,400	15,300	23,800	15,500	24,100	16.1%	25.0%
	Telephone Books	6,172	42.3%	6,300	6,400	6,800	6,600	6,900	6,600	7,000	6,600	7,100	42.0%	45.0%
	Other Printed Paper	20,524	15.7%	20,800	21,100	26,900	21,500	27,300	21,800	27,700	22,100	28,100	15.7%	20.0%
	Printed Paper Total	391,435	54.1%	397,300	403,200	435,000	409,400	441,500	415,500	448,100	421,600	454,700	54.1%	58.3%
PACKAGING														
Paper Packaging														
	Corrugated Containers	87,861	65.2%	89,200	90,500	97,200	91,900	98,600	93,300	100,100	94,700	101,600	65.3%	70.0%
	Boxboard	45,666	35.2%	46,400	47,000	60,200	47,800	61,100	48,500	62,000	49,200	62,900	35.2%	45.0%
	Paper Packaging Total	133,527	50.5%	135,600	137,500	157,400	139,700	159,700	141,800	162,100	143,900	164,500	50.5%	57.7%
Laminant Packaging														
	Gabletop	693	5.2%	700	700	2,000	700	2,100	700	2,100	700	2,100	4.9%	15.0%
	Paper Laminants	450	1.0%	500	500	900	500	900	500	1,000	500	1,000	1.0%	2.0%
	Plastic Laminants	650	1.0%	700	700	1,300	700	1,400	700	1,400	700	1,400	1.0%	2.0%
	Asseptic Containers	152	5.2%	200	200	600	200	600	200	600	200	600	6.5%	20.0%
	Laminant Packaging Total	1,945	1.5%	2,100	2,100	4,800	2,100	5,000	2,100	5,100	2,100	5,100	1.5%	3.8%
Plastics														
	PET bottles	13,736	38.5%	13,900	14,200	16,600	14,400	16,800	14,600	17,100	14,800	17,300	38.4%	45.0%
	HDPE bottles	7,954	33.6%	8,100	8,200	9,800	8,300	9,900	8,500	10,100	8,600	10,200	33.7%	40.0%
	Plastic Film	1,360	2.6%	1,400	1,400	2,800	1,400	2,800	1,500	2,900	1,500	2,900	2.6%	5.0%
	Polystyrene	510	2.3%	500	500	1,100	500	1,200	500	1,200	500	1,200	2.1%	5.0%
	Other Plastics	2,750	8.6%	2,800	2,800	3,300	2,900	3,300	2,900	3,400	3,000	3,400	8.7%	10.0%
	Plastics Total	26,339	15.8%	26,700	27,100	33,600	27,500	34,000	28,000	34,700	28,400	35,000	15.8%	19.4%
Steel														
	Food & Beverage	29,311	48.0%	28,700	29,200	36,500	29,600	37,000	30,000	37,600	30,500	38,200	48.0%	60.0%
	Aerosols	2,015	48.0%	2,000	2,100	2,200	2,100	2,200	2,100	2,300	2,200	2,300	48.9%	50.0%
	Paint Cans	2,255	48.0%	2,300	2,300	2,400	2,400	2,500	2,400	2,500	2,400	2,600	47.1%	50.0%
	Steel Total	32,582	48.0%	33,000	33,600	41,100	34,100	41,700	34,500	42,400	35,100	43,100	48.0%	58.9%
Aluminum														
	Aluminum Cans	9,768	39.9%	9,900	10,100	12,600	10,200	12,800	10,400	13,000	10,500	13,200	39.8%	50.0%
	Aluminum Foil	1,088	30.2%	1,100	1,100	1,300	1,100	1,300	1,200	1,300	1,200	1,400	30.8%	35.0%
	Aluminum Total	10,875	38.7%	11,000	11,200	13,900	11,300	14,100	11,600	14,300	11,700	14,600	38.6%	48.2%
Glass														
	Food & Beverage - Flint	36,134	49.1%	36,700	37,200	41,700	37,800	42,400	38,400	43,000	38,900	43,600	49.1%	55.0%
	Food & Beverage - Coloured	10,014	49.1%	10,200	10,300	11,600	10,500	11,700	10,600	11,900	10,800	12,100	49.1%	55.0%
	LCBO - Flint	17,750	68.5%	18,000	18,300	20,000	18,600	20,300	18,800	20,600	19,100	20,900	68.5%	75.0%
	LCBO - Coloured	39,653	68.5%	39,200	39,800	43,600	40,400	44,300	41,000	44,900	41,600	45,600	68.4%	75.0%
	Glass Total	102,552	58.2%	104,100	105,600	116,900	107,300	118,700	108,800	120,400	110,400	122,200	58.1%	64.3%
PACKAGING TOTAL														
		307,820	37.1%	312,500	317,100	367,700	322,000	373,200	326,800	379,800	331,600	384,500	37.1%	43.0%
TOTALS														
		699,255	45.0%	709,800	720,300	802,700	731,400	814,700	742,300	827,100	753,200	839,200	45.0%	50.1%

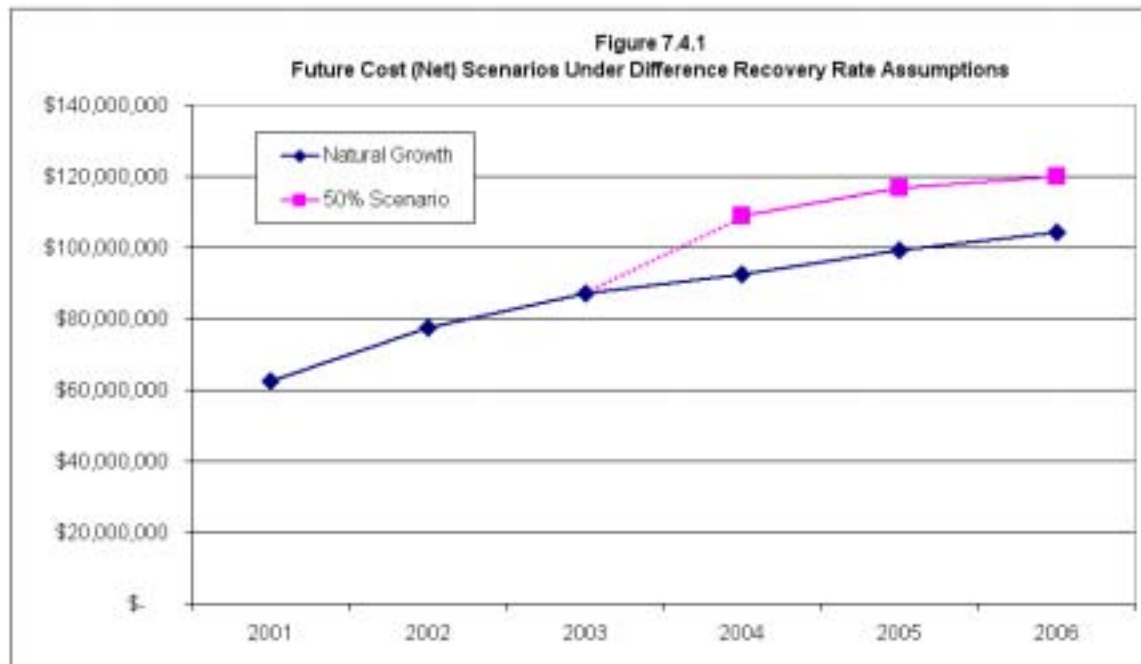
*All estimates rounded to the nearest 100 tonnes.

Natural Growth scenario represents growth equivalent with increases in population

50% scenario represents growth in tonnes such that 50% of all recyclable materials generated are recovered (not equal by category).

Costs increases are the result of a number of factors:

- Increases in tonnes recovered (1.5% in Natural Growth Scenario, more in 50% Scenario);
- Increases in cost of program delivery (3% increase per year equivalent to cost of living);
- Inclusion of all indirect costs (estimated at 7% of current costs);
- Decrease in revenues – municipal contracts with contractors keeping revenues; lower market prices in three year average; and
- Decreases in program costs through application of Effectiveness and Efficiency Fund improvements.



**Table 7.4.1
Estimate of Future Program Costs**

Year	Scenario	Printed Paper			Packaging			Total			
		Gross	Revenues	Net	Gross	Revenues	Net	Gross	Revenues	Net	
2001	Negotiated Final	\$ 33,271,000	\$ 32,609,000	\$ 662,000	\$ 95,929,000	\$ 34,091,000	\$ 61,838,000	\$ 129,200,000	\$ 66,700,000	\$ 62,500,000	
								Net Cost Per Tonne	\$ 185	\$ 95	\$ 89
2002	Estimate	\$ 37,346,000	\$ 31,387,000	\$ 5,959,000	\$ 107,146,000	\$ 35,676,000	\$ 71,470,000	\$ 144,492,000	\$ 67,063,000	\$ 77,429,000	
								Net Cost Per Tonne	\$ 204	\$ 94	\$ 109
2003	45% Recovery Rate	\$ 38,707,000	\$ 29,030,000	\$ 9,677,000	\$ 111,937,000	\$ 34,625,000	\$ 77,312,000	\$ 150,644,000	\$ 63,655,000	\$ 86,989,000	
								Net Cost Per Tonne	\$ 209	\$ 88	\$ 121
2004	50% Recovery Rate	\$ 43,267,000	\$ 33,113,000	\$ 10,154,000	\$ 138,118,000	\$ 39,465,000	\$ 98,653,000	\$ 181,385,000	\$ 72,578,000	\$ 108,807,000	
								Net Cost Per Tonne	\$ 223	\$ 89	\$ 134
2005	50% Recovery Rate	\$ 44,810,000	\$ 30,471,000	\$ 14,339,000	\$ 142,463,000	\$ 40,144,000	\$ 102,319,000	\$ 187,273,000	\$ 70,615,000	\$ 116,658,000	
								Net Cost Per Tonne	\$ 226	\$ 85	\$ 141
2006	50% Recovery Rate	\$ 45,925,000	\$ 30,920,000	\$ 15,005,000	\$ 145,797,000	\$ 40,840,000	\$ 104,957,000	\$ 191,722,000	\$ 71,760,000	\$ 119,962,000	
								Net Cost Per Tonne	\$ 228	\$ 86	\$ 143