

Model Parameters for Setting 2010 fees

Notes:

1. Generation reported by stewards excludes wine and spirit containers.

Obligation Estimation (Sheet 3)		
50% of Reported Net Cost	\$	83,493,000
Negotiated Cost Reduction (from Cost Bands)	\$	-
Obligation to Municipalities	\$	83,493,000
Holdback %age for E&E Fund		20%
Allocated CIF Funds	\$	16,413,700
Costs Allocated to Material Categories		
Allocated Printed Paper Cost	\$	4,826,900
Allocated Packaging Cost	\$	78,666,100
Transfers		
WDO Costs	\$	675,000
MOE Compliance and Enforcement	\$	100,000
Investments		
Market Development - Glass	\$	-
Market Development - Composites	\$	-
Market Development - Plastics	\$	3,000,000
WDO-mandated green investments	\$	520,000
Performance tracking system (EIS)	\$	250,000
Program Management		
External field services		
Share of corporate expenses	\$	2,803,884
Program mandated support activities		
Other		
Investment expense	\$	130,000
Total	\$	7,478,884
Contributions		
ONP In Kind Contribution	\$	1,424,501
Other	\$	-

	Generation Reported by Stewards - 2008 data (Sheet 3) (1)
	(tonnes)
Newsprint - CNA/OCNA	238,212
Newsprint - Non-CNA/OCNA	151,076
Magazines and Catalogues	60,484
Telephone Books	15,392
Other Printed Paper	61,521
Old Corrugated Containers	137,561
Gabletop	14,696
Paper Laminants	19,500
Aseptic Containers	5,488
Old Boxboard	158,838
PET bottles	54,613
HDPE bottles	23,307
Plastic Film	50,935
Plastic Laminants	18,456
Polystyrene	13,681
Other Plastics	56,337
Steel Food & Beverage Cans	44,869
Aerosols	6,938
Paint Cans	5,082
Al Food & Beverage Cans	25,405
Other Aluminum Packaging	3,398
Food and Beverage - Flint	89,854
Food and Beverage - Coloured	24,945

Basis of Initial Allocation of Common Costs (Sheets 1 & 3)	
	(%)
Printed Paper	17.3%
Paper Packaging	25.37%
Plastics	40.93%
Steel	5.91%
Aluminum	5.14%
Glass	5.35%
Total Stewards	100.0%

Model Inputs

Factor Weightings Sheet 3		%
Recovery Rate Factor Weighting		35
Net Cost Factor Weighting		40
Equalization Factor Weighting		25
Diversion Target		60

Material	2008 Tonnage Data	
	Generation (Sheet 1) (tonnes)	Recovery (Sheet 1) (tonnes)
Newsprint - CNA/OCNA	255,785	224,344
Newsprint - Non-CNA/OCNA	125,176	109,790
Magazines and Catalogues	91,339	80,112
Telephone Books	15,392	13,500
Other Printed Paper	121,206	59,844
Old Corrugated Containers	169,170	155,563
Gabletop	15,184	3,576
Paper Laminants	39,289	393
Aseptic Containers	4,252	784
Old Boxboard	130,538	85,092
PET bottles	49,503	28,240
HDPE bottles	27,372	15,717
Plastic Film	60,605	4,220
Plastic Laminants	30,062	301
Polystyrene	22,465	777
Other Plastics	54,611	7,464
Steel Food & Beverage Cans	50,800	31,317
Steel Aerosols	4,439	1,168
Steel Paint Cans	5,788	1,652
Aluminum Food & Beverage Cans	23,216	9,586
Other Aluminum Packaging	3,989	1,107
Clear Glass	85,914	76,687
Coloured Glass	24,071	18,295
Total	1,410,167	929,529

2008 Cost Data	
Gross Cost (Sheet 2) (\$/tonne)	Gross Revenue (Sheet 2) (\$/tonne)
\$ 116.01	\$ 106.01
\$ 116.01	\$ 106.01
\$ 116.01	\$ 106.01
\$ 174.65	\$ 106.01
\$ 179.31	\$ 102.67
\$ 483.48	\$ 113.15
\$ 1,033.88	\$ 77.47
\$ 840.02	\$ -
\$ 1,095.69	\$ 77.47
\$ 436.67	\$ 72.08
\$ 1,226.10	\$ 346.02
\$ 1,121.81	\$ 556.51
\$ 2,379.69	\$ 61.62
\$ 2,379.69	\$ -
\$ 2,656.78	\$ 52.52
\$ 1,341.12	\$ 164.59
\$ 306.12	\$ 190.71
\$ 306.12	\$ 190.71
\$ 306.12	\$ 190.71
\$ 995.63	\$ 1,933.23
\$ 995.63	\$ 1,933.23
\$ 172.76	\$ 8.99
\$ 151.47	\$ 7.40

Table 1: Generation and Recovery (full-year obligation)

Category	Material	2008					
		Quantity Generated	%age of Generated	Quantity Recovered	Recovery Rate	Quantity to Disposal	% of Total Disposed
		(tonnes)		(tonnes)		(tonnes)	
PRINTED PAPER							
	Newsprint - CNA/OCNA	255,785	18.1%	224,344	87.7%	31,440	6.5%
	Newsprint - Non-CNA/OCNA	125,176	8.9%	109,790	87.7%	15,386	3.2%
	Magazines and Catalogues	91,339	6.5%	80,112	87.7%	11,227	2.3%
	Telephone Books	15,392	1.1%	13,500	87.7%	1,892	0.4%
	Other Printed Paper	121,206	8.6%	59,844	49.4%	61,362	12.8%
Printed Paper Total		608,898	43.2%	487,590	80.1%	121,307	25.24%
PACKAGING							
Paper Based Packaging							
	Old Corrugated Containers	169,170	12.0%	155,563	92.0%	13,607	2.8%
	Gabletop	15,184	1.1%	3,576	23.5%	11,608	2.4%
	Paper Laminants	39,289	2.8%	393	1.0%	38,897	8.1%
	Aseptic Containers	4,252	0.3%	784	18.4%	3,468	0.7%
	Old Boxboard	130,538	9.3%	85,092	65.2%	45,446	9.5%
Paper Packaging Total		358,435	25.4%	245,408	68.5%	113,027	23.52%
Plastic Packaging							
	PET bottles	49,503	3.5%	28,240	57.0%	21,263	4.4%
	HDPE bottles	27,372	1.9%	15,717	57.4%	11,656	2.4%
	Plastic Film	60,605	4.3%	4,220	7.0%	56,384	11.7%
	Plastic Laminants	30,062	2.1%	301	1.0%	29,762	6.2%
	Polystyrene	22,465	1.6%	777	3.5%	21,689	4.5%
	Other Plastics	54,611	3.9%	7,464	13.7%	47,147	9.8%
Plastics Total		244,619	17.3%	56,718	23.2%	187,901	39.09%
Steel Packaging							
	Food & Beverage Cans	50,800	3.6%	31,317	61.6%	19,483	4.1%
	Aerosols	4,439	0.3%	1,168	26.3%	3,270	0.7%
	Paint Cans	5,788	0.4%	1,652	28.5%	4,136	0.9%
Steel Total		61,027	4.3%	34,137	55.9%	26,889	5.59%
Aluminum Packaging							
	Al Food & Beverage Cans	23,216	1.6%	9,586	41.3%	13,630	2.8%
	Other Aluminum Packaging	3,989	0.3%	1,107	27.8%	2,881	0.6%
Aluminum Total		27,204	1.9%	10,693	39.3%	16,512	3.44%
Glass							
	Food and Beverage - Flint	85,914	6.1%	76,687	89.3%	9,227	1.9%
	Food and Beverage - Coloured	24,071	1.7%	18,295	76.0%	5,776	1.2%
Glass Total		109,985	7.8%	94,982	86.4%	15,002	3.12%
PACKAGING TOTAL		801,269	56.8%	441,938	55.2%	359,331	74.76%
TOTALS		1,410,167	100.0%	929,529	65.9%	480,638	100.00%

Basis for Distribution for Common Costs				
Density	Volume	Percentage of Stewards		
kg/m3	m3			
250	1,023,139	6.7%		6.7%
250	500,704	3.3%		3.3%
275	332,143	2.3%		2.3%
275	55,970	0.4%		0.4%
135	897,820	4.7%		4.7%
	2,809,776	17.3%		
55	3,075,826		11.5%	11.5%
35	433,834		1.4%	1.4%
35	1,122,557		3.6%	3.6%
35	121,491		0.4%	0.4%
60	2,175,641		8.5%	8.5%
	6,929,349		25.4%	
25	1,980,123		8.2%	8.2%
25	1,094,898		4.5%	4.5%
28	2,164,452		9.4%	9.4%
28	1,073,656		4.6%	4.6%
15	1,497,680		5.2%	5.2%
25	2,184,433		9.0%	9.0%
	9,995,242		40.9%	
90	564,447		4.9%	4.9%
90	49,319		0.4%	0.4%
90	64,307		0.6%	0.6%
	678,073		5.9%	
30	773,864		4.4%	4.4%
30	132,951		0.8%	0.8%
	906,815		5.1%	
300	286,379		4.2%	4.2%
300	80,237		1.2%	1.2%
	366,616		5.4%	
	18,876,093			100.0%

Allocation of Stewards Within Material Categories

Weight **40%**
Volume **60%**

Table 2: Gross and Net Costs (full-year obligation)

			Gross Cost		Revenues		Net Cost of Current System				Net Cost to Achieve 60% Diversion Rate				
Category	Material	Quantity Recovered	Per-tonne	Total Cost	Per-tonne	Total Revenue	Per-tonne	Total Net Cost	%age of Net \$	%age of Printed Cost	%age of Pckg Cost	Cost to Manage Rest of 60%	%age Cost of Tonnes to 60%	%age of Printed Cost	%age of Pckg Cost
PRINTED PAPER															
Printed Paper	Newsprint - CNA/OCNA	224,344	\$ 116.01	\$ 26,025,430	\$ 106.01	\$ 23,782,917	\$ 10.00	\$ 2,242,513	1.3%	23.2%		\$ -	0.0%	0.0%	
	Newsprint - Non-CNA/OCNA	109,790	\$ 116.01	\$ 12,736,331	\$ 106.01	\$ 11,638,890	\$ 10.00	\$ 1,097,441	0.7%	11.4%		\$ -	0.0%	0.0%	
	Magazines and Catalogues	80,112	\$ 116.01	\$ 9,293,549	\$ 106.01	\$ 8,492,759	\$ 10.00	\$ 800,790	0.5%	8.3%		\$ -	0.0%	0.0%	
	Telephone Books	13,500	\$ 174.65	\$ 2,357,726	\$ 106.01	\$ 1,431,116	\$ 68.64	\$ 926,610	0.6%	9.6%		\$ -	0.0%	0.0%	
	Other Printed Paper	59,844	\$ 179.31	\$ 10,730,761	\$ 102.67	\$ 6,144,338	\$ 76.64	\$ 4,586,424	2.7%	47.5%		\$ 987,058	0.5%	100.0%	
Printed Paper Total		487,590	\$ 125.40	\$ 61,143,797	\$ 105.60	\$ 51,490,021	\$ 19.80	\$ 9,653,777	5.8%	100.0%		\$ 987,058	0.5%	100.0%	
PACKAGING															
Paper Based	Old Corrugated Containers	155,563	\$ 483.48	\$ 75,211,973	\$ 113.15	\$ 17,601,330	\$ 370.34	\$ 57,610,643	34.5%		36.6%	\$ -	0.0%		0.0%
Packaging	Gabletop Cartons	3,576	\$ 1,033.88	\$ 3,696,837	\$ 77.47	\$ 277,026	\$ 956.40	\$ 3,419,810	2.0%		2.2%	\$ 5,293,492	2.5%		2.5%
	Paper Laminants	393	\$ 840.02	\$ 330,039	\$ -	\$ -	\$ 840.02	\$ 330,039	0.2%		0.2%	\$ 19,472,325	9.3%		9.4%
	Aseptic Containers	784	\$ 1,095.69	\$ 858,754	\$ 77.47	\$ 60,721	\$ 1,018.21	\$ 798,033	0.5%		0.5%	\$ 1,799,755	0.9%		0.9%
	Old Boxboard	85,092	\$ 436.67	\$ 37,157,337	\$ 72.08	\$ 6,133,250	\$ 364.59	\$ 31,024,088	18.6%		19.7%	\$ -	0.0%		0.0%
Paper Pack'g Total		245,408	\$ 477.80	\$ 117,254,941	\$ 98.09	\$ 24,072,327	\$ 379.71	\$ 93,182,613	55.8%		59.2%	\$ 26,565,573	12.7%		12.8%
Plastic Packaging	PET bottles	28,240	\$ 1,226.10	\$ 34,625,279	\$ 346.02	\$ 9,771,706	\$ 880.08	\$ 24,853,573	14.9%		15.8%	\$ 1,286,471	0.6%		0.6%
	HDPE bottles	15,717	\$ 1,121.81	\$ 17,631,037	\$ 556.51	\$ 8,746,418	\$ 565.30	\$ 8,884,620	5.3%		5.6%	\$ 399,617	0.2%		0.2%
	Plastic Film	4,220	\$ 2,379.69	\$ 10,043,470	\$ 61.62	\$ 260,088	\$ 2,318.06	\$ 9,783,382	5.9%		6.2%	\$ 74,507,911	35.6%		35.8%
	Plastic Laminants	301	\$ 2,379.69	\$ 715,391	\$ -	\$ -	\$ 2,379.69	\$ 715,391	0.4%		0.5%	\$ 42,208,059	20.2%		20.3%
	Polystyrene	777	\$ 2,656.78	\$ 2,063,447	\$ 52.52	\$ 40,788	\$ 2,604.27	\$ 2,022,659	1.2%		1.3%	\$ 33,080,577	15.8%		15.9%
	Other Plastics	7,464	\$ 1,341.12	\$ 10,009,533	\$ 164.59	\$ 1,228,427	\$ 1,176.53	\$ 8,781,106	5.3%		5.6%	\$ 29,769,653	14.2%		14.3%
Plastics Total		56,718	\$ 1,323.90	\$ 75,088,157	\$ 353.46	\$ 20,047,426	\$ 970.43	\$ 55,040,731	33.0%		35.0%	\$ 181,252,288	86.6%		87.1%
Steel Packaging	Food and Beverage	31,317	\$ 306.12	\$ 9,586,724	\$ 190.71	\$ 5,972,425	\$ 115.41	\$ 3,614,299	2.2%		2.3%	\$ -	0.0%		0.0%
	Aerosols	1,168	\$ 306.12	\$ 357,680	\$ 190.71	\$ 222,831	\$ 115.41	\$ 134,849	0.1%		0.1%	\$ 172,511	0.1%		0.1%
	Paint Cans	1,652	\$ 306.12	\$ 505,612	\$ 190.71	\$ 314,991	\$ 115.41	\$ 190,621	0.1%		0.1%	\$ 210,145	0.1%		0.1%
Steel Total		34,137	\$ 306.10	\$ 10,450,017	\$ 190.71	\$ 6,510,247	\$ 115.41	\$ 3,939,770	2.4%		2.5%	\$ 382,656	0.2%		0.2%
Aluminum Packaging	Al Food & Beverage Cans	9,586	\$ 995.63	\$ 9,543,745	\$ 1,933.23	\$ 18,531,308	\$ (937.61)	\$ (8,987,563)	-5.4%		-5.7%	\$ -	0.0%		0.0%
	Other Aluminum Packaging	1,107	\$ 995.63	\$ 1,102,403	\$ 1,933.23	\$ 2,140,561	\$ (937.61)	\$ (1,038,158)	-0.6%		-0.7%	\$ -	0.0%		0.0%
Aluminum Total		10,693	\$ 995.60	\$ 10,646,148	\$ 1,933.23	\$ 20,671,868	\$ (937.61)	\$ (10,025,721)	-6.0%		-6.4%	\$ -	0.0%		0.0%
Glass Packaging	Food and Beverage - Flint	76,687	\$ 172.76	\$ 13,248,511	\$ 8.99	\$ 689,600	\$ 163.77	\$ 12,558,911	7.5%		8.0%	\$ -	0.0%		0.0%
	Food and Beverage - Coloured	18,295	\$ 151.47	\$ 2,771,193	\$ 7.40	\$ 135,422	\$ 144.07	\$ 2,635,771	1.6%		1.7%	\$ -	0.0%		0.0%
Glass Total		94,982	\$ 168.70	\$ 16,019,704	\$ 8.69	\$ 825,022	\$ 159.97	\$ 15,194,682	9.1%		9.7%	\$ -	0.0%		0.0%
PACKAGING TOTAL		441,938	\$ 519.20	\$ 229,458,966	\$ 163.21	\$ 72,126,891	\$ 356.00	\$ 157,332,075	94.2%		100.0%	\$ 208,200,516			
TOTALS		929,529	\$ 312.60	\$ 290,602,763	\$ 132.99	\$ 123,616,911	\$ 179.65	\$ 166,985,852	100.0%			\$ 209,187,574	100.0%		100.0%
Industry Allocation								\$ 83,492,926							

Table 3: Fee Schedule By Material Type (full-year obligation)

Category	Material	Recovery Rate Factor (1)				Net Cost Factor			Equalization Factor		
		Tonnes Disposed	% of Total Disposed	Recovery Rate Allocated Fee	Rec. Rate Allocated Fee/Tonne Generated	Net Cost	Net Cost Allocated Fee	Net Cost Allocated Fee/Tonne Generated	Percentage of Costs at 75% Recovery Rate	Equalization Allocated Fee	Equalization Allocated Fee/Tonne Generated
	Weight for Factor	35.0%				40.0%			25.0%		
PRINTED PAPER											
Printed Paper	Newsprint - CNA/OCNA	31,440	25.9%	\$ 437,861	\$ 1.84	23.2%	\$ 448,504	\$ 1.88	0.0%	\$ -	\$ -
	Newsprint - Non-CNA/OCNA	15,386	12.7%	\$ 214,281	\$ 1.42	11.4%	\$ 219,489	\$ 1.45	0.0%	\$ -	\$ -
	Magazines and Catalogues	11,227	9.3%	\$ 156,358	\$ 2.59	8.3%	\$ 160,158	\$ 2.65	0.0%	\$ -	\$ -
	Telephone Books	1,892	1.6%	\$ 26,348	\$ 1.71	9.6%	\$ 185,322	\$ 12.04	0.0%	\$ -	\$ -
	Other Printed Paper	61,362	50.6%	\$ 854,567	\$ 13.89	47.5%	\$ 917,287	\$ 14.91	100.0%	\$ 1,206,725	\$ 19.61
Printed Paper		121,307	100.0%	\$ 1,689,415	\$ 3.21	100.0%	\$ 1,930,760	\$ 3.67	100.0%	\$ 1,206,725	\$ 2.29
PACKAGING											
Paper Based Packaging	Old Corrugated Containers	13,607	3.8%	\$ 1,042,626	\$ 7.58	36.6%	\$ 11,522,138	\$ 83.76	0.0%	\$ -	\$ -
	Gabletop	11,608	3.2%	\$ 889,480	\$ 60.53	2.2%	\$ 683,963	\$ 46.54	2.5%	\$ 500,021	\$ 34.03
	Paper Laminants	38,897	10.8%	\$ 2,980,389	\$ 152.84	0.2%	\$ 66,008	\$ 3.38	9.4%	\$ 1,839,347	\$ 94.32
	Aseptic Containers	3,468	1.0%	\$ 265,764	\$ 48.42	0.5%	\$ 159,607	\$ 29.08	0.9%	\$ 170,004	\$ 30.98
	Old Boxboard	45,446	12.6%	\$ 3,482,261	\$ 21.92	19.7%	\$ 6,204,822	\$ 39.06	0.0%	\$ -	\$ -
Paper Based Packaging		113,027	31.5%	\$ 8,660,521	\$ 25.77	59.2%	\$ 18,636,537	\$ 55.45	12.8%	\$ 2,509,372	\$ 7.47
Plastic Packaging	PET bottles	21,263	5.9%	\$ 1,629,242	\$ 29.83	15.8%	\$ 4,970,719	\$ 91.02	0.6%	\$ 121,519	\$ 2.23
	HDPE bottles	11,656	3.2%	\$ 893,113	\$ 38.32	5.6%	\$ 1,776,925	\$ 76.24	0.2%	\$ 37,748	\$ 1.62
	Plastic Film	56,384	15.7%	\$ 4,320,344	\$ 84.82	6.2%	\$ 1,956,678	\$ 38.42	35.8%	\$ 7,037,983	\$ 138.18
	Plastic Laminants	29,762	8.3%	\$ 2,280,445	\$ 123.56	0.5%	\$ 143,078	\$ 7.75	20.3%	\$ 3,986,954	\$ 216.02
	Polystyrene	21,689	6.0%	\$ 1,661,848	\$ 121.47	1.3%	\$ 404,532	\$ 29.57	15.9%	\$ 3,124,776	\$ 228.41
	Other Plastics	47,147	13.1%	\$ 3,612,582	\$ 64.12	5.6%	\$ 1,756,223	\$ 31.17	14.3%	\$ 2,812,028	\$ 49.91
Plastics Packaging		187,901	52.3%	\$ 14,397,574	\$ 66.25	35.0%	\$ 11,008,155	\$ 50.65	87.1%	\$ 17,121,008	\$ 78.78
Steel Packaging	Food and Beverage	19,483	5.4%	\$ 1,492,842	\$ 33.27	2.3%	\$ 722,860	\$ 16.11	0.0%	\$ -	\$ -
	Aerosols	3,270	0.9%	\$ 250,579	\$ 36.12	0.1%	\$ 26,970	\$ 3.89	0.1%	\$ 16,295	\$ 2.35
	Paint Cans	4,136	1.2%	\$ 316,909	\$ 62.36	0.1%	\$ 38,124	\$ 7.50	0.1%	\$ 19,850	\$ 3.91
Steel Packaging		26,889	7.5%	\$ 2,060,329	\$ 36.22	2.5%	\$ 787,955	\$ 13.85	0.2%	\$ 36,146	\$ 0.64
Aluminum Packaging	Al Food & Beverage Cans	13,630	3.8%	\$ 1,044,397	\$ 41.11	-5.7%	\$ (1,797,514)	\$ (70.75)	0.0%	\$ -	\$ -
	Other Aluminum Packaging	2,881	0.8%	\$ 220,773	\$ 64.97	-0.7%	\$ (207,632)	\$ (61.11)	0.0%	\$ -	\$ -
Aluminum Packaging		16,512	4.6%	\$ 1,265,170	\$ 43.92	-6.4%	\$ (2,005,146)	\$ (69.61)	0.0%	\$ -	\$ -
Glass Packaging	Flint Glass	9,227	2.6%	\$ 706,982	\$ 7.87	8.0%	\$ 2,511,784	\$ 27.95	0.0%	\$ -	\$ -
	Coloured Glass	5,776	1.6%	\$ 442,560	\$ 17.74	1.7%	\$ 527,155	\$ 21.13	0.0%	\$ -	\$ -
Glass Packaging		15,002	4.2%	\$ 1,149,542	\$ 10.01	9.7%	\$ 3,038,939	\$ 26.47	0.0%	\$ -	\$ -
Factor Allocation to Printed Paper				\$ 1,689,415			\$ 1,930,760			\$ 1,206,725	
Factor Allocation to Packaging				\$ 27,533,135			\$ 31,466,440			\$ 19,666,525	

Table 3: Fee Schedule By Mate

Programs,

Category	Material	Combined Base Allocated Fees	Base Fee Total Fee/Tonne Generated	Market Development Programs			Transfers		Investments
				Glass Market Programs	Composites Programs	Plastics Market Programs	WDO Costs	MOE Compliance and Enforcement	
	Weight for Factor			\$ -	\$ -	\$ 3,000,000	\$ 675,000	\$ 100,000	\$ 770,000
PRINTED PAPER									
Printed Paper	Newsprint - CNA/OCNA	\$ 886,365	\$ 3.72				\$ 45,144	\$ 6,688	\$ 51,497
	Newsprint - Non-CNA/OCNA	\$ 433,770	\$ 2.87				\$ 22,092	\$ 3,273	\$ 25,202
	Magazines and Catalogues	\$ 316,516	\$ 5.23				\$ 15,292	\$ 2,266	\$ 17,444
	Telephone Books	\$ 211,670	\$ 13.75				\$ 2,577	\$ 382	\$ 2,940
	Other Printed Paper	\$ 2,978,579	\$ 48.42				\$ 31,692	\$ 4,695	\$ 36,153
Printed Paper		\$ 4,826,900	\$ 9.16				\$ 116,797	\$ 17,303	\$ 133,235
PACKAGING									
Paper Based Packaging	Old Corrugated Containers	\$ 12,564,764	\$ 91.34				\$ 77,923	\$ 11,544	\$ 88,890
	Gabletop	\$ 2,073,464	\$ 141.09		\$ -		\$ 9,333	\$ 1,383	\$ 10,646
	Paper Laminants	\$ 4,885,744	\$ 250.54		\$ -		\$ 24,149	\$ 3,578	\$ 27,548
	Aseptic Containers	\$ 595,375	\$ 108.48		\$ -		\$ 2,614	\$ 387	\$ 2,981
	Old Boxboard	\$ 9,687,084	\$ 60.99				\$ 57,196	\$ 8,474	\$ 65,246
Paper Based Packaging		\$ 29,806,430	\$ 88.69		\$ -		\$ 171,215	\$ 25,365	\$ 195,312
Plastic Packaging	PET bottles	\$ 6,721,480	\$ 123.08				\$ 55,198	\$ 8,177	\$ 62,966
	HDPE bottles	\$ 2,707,786	\$ 116.18				\$ 30,521	\$ 4,522	\$ 34,817
	Plastic Film	\$ 13,315,005	\$ 261.41			\$ 1,206,890	\$ 63,269	\$ 9,373	\$ 72,174
	Plastic Laminants	\$ 6,410,477	\$ 347.34			\$ 581,054	\$ 31,384	\$ 4,650	\$ 35,801
	Polystyrene	\$ 5,191,156	\$ 379.45			\$ 470,533	\$ 34,984	\$ 5,183	\$ 39,908
	Other Plastics	\$ 8,180,833	\$ 145.21			\$ 741,522	\$ 60,893	\$ 9,021	\$ 69,463
Plastics Packaging		\$ 42,526,737	\$ 195.68			\$ 3,000,000	\$ 276,250	\$ 40,926	\$ 315,129
Steel Packaging	Food and Beverage	\$ 2,215,702	\$ 49.38				\$ 33,233	\$ 4,923	\$ 37,910
	Aerosols	\$ 293,844	\$ 42.36				\$ 2,904	\$ 430	\$ 3,312
	Paint Cans	\$ 374,883	\$ 73.77				\$ 3,786	\$ 561	\$ 4,319
Steel Packaging		\$ 2,884,429	\$ 50.70				\$ 39,923	\$ 5,914	\$ 45,541
Aluminum Packaging	Al Food & Beverage Cans	\$ (753,117)	\$ (29.64)				\$ 29,608	\$ 4,386	\$ 33,775
	Other Aluminum Packaging	\$ 13,141	\$ 3.87				\$ 5,087	\$ 754	\$ 5,803
Aluminum Packaging		\$ (739,976)	\$ (25.69)				\$ 34,695	\$ 5,140	\$ 39,578
Glass Packaging	Flint Glass	\$ 3,218,766	\$ 35.82	\$ -			\$ 28,215	\$ 4,180	\$ 32,186
	Coloured Glass	\$ 969,714	\$ 38.87	\$ -			\$ 7,905	\$ 1,171	\$ 9,018
Glass Packaging		\$ 4,188,481	\$ 36.49	\$ -			\$ 36,120	\$ 5,351	\$ 41,204
Factor Allocation to Printed Paper		\$ 4,826,900		\$ -	\$ -	\$ 3,000,000	\$ 675,000	\$ 100,000	\$ 770,000
Factor Allocation to Packaging		\$ 78,666,100							

Table 3: Fee Schedule By Material

Category	Material	Program Management	Other Expenses	Total - Base + All Program + Start-up + Admin Fees	In Kind Credited \$ (1)	Net Total - Base + All Program + Start Up + Admin Fees, Less in-kind	Surplus in Fees to be Credited in 2010 Fees	Municipal Obligation	Common Costs (less credit)
	Weight for Factor	\$ 2,803,884	\$ 130,000						
PRINTED PAPER									
Printed Paper	Newsprint - CNA/OCNA	\$ 187,522	\$ 8,694	\$ 1,185,910	\$ 886,365	\$ 299,545		\$ 886,365	\$ 299,545
	Newsprint - Non-CNA/OCNA	\$ 91,770	\$ 4,255	\$ 580,361		\$ 580,361		\$ 433,770	\$ 146,591
	Magazines and Catalogues	\$ 63,522	\$ 2,945	\$ 417,986		\$ 417,986		\$ 316,516	\$ 101,469
	Telephone Books	\$ 10,704	\$ 496	\$ 228,769		\$ 228,769		\$ 211,670	\$ 17,099
	Other Printed Paper	\$ 131,646	\$ 6,104	\$ 3,188,869		\$ 3,188,869		\$ 2,978,579	\$ 210,290
Printed Paper		\$ 485,164	\$ 22,494	\$ 5,601,894	\$ 886,365	\$ 4,715,529	\$ -	\$ 4,826,900	\$ 774,994
PACKAGING									
Paper Based Packaging	Old Corrugated Containers	\$ 323,686	\$ 15,007	\$ 13,081,815		\$ 13,081,815		\$ 12,564,764	\$ 517,051
	Gabletop	\$ 38,768	\$ 1,797	\$ 2,135,391		\$ 2,135,391		\$ 2,073,464	\$ 61,928
	Paper Laminants	\$ 100,314	\$ 4,651	\$ 5,045,983		\$ 5,045,983		\$ 4,885,744	\$ 160,239
	Aseptic Containers	\$ 10,857	\$ 503	\$ 612,717		\$ 612,717		\$ 595,375	\$ 17,342
	Old Boxboard	\$ 237,588	\$ 11,016	\$ 10,066,604		\$ 10,066,604		\$ 9,687,084	\$ 379,520
Paper Based Packaging		\$ 711,212	\$ 32,975	\$ 30,942,510	\$ -	\$ 30,942,510	\$ -	\$ 29,806,430	\$ 1,136,080
Plastic Packaging	PET bottles	\$ 229,286	\$ 10,631	\$ 7,087,739		\$ 7,087,739		\$ 6,721,480	\$ 366,259
	HDPE bottles	\$ 126,783	\$ 5,878	\$ 2,910,307		\$ 2,910,307		\$ 2,707,786	\$ 202,521
	Plastic Film	\$ 262,815	\$ 12,185	\$ 14,941,712		\$ 14,941,712	\$ 1,206,890	\$ 13,315,005	\$ 419,817
	Plastic Laminants	\$ 130,367	\$ 6,044	\$ 7,199,777		\$ 7,199,777	\$ 581,054	\$ 6,410,477	\$ 208,246
	Polystyrene	\$ 145,320	\$ 6,738	\$ 5,893,821		\$ 5,893,821	\$ 470,533	\$ 5,191,156	\$ 232,132
	Other Plastics	\$ 252,944	\$ 11,728	\$ 9,326,404		\$ 9,326,404	\$ 741,522	\$ 8,180,833	\$ 404,050
Plastics Packaging		\$ 1,147,515	\$ 53,204	\$ 47,359,760	\$ -	\$ 47,359,760	\$ 3,000,000	\$ 42,526,737	\$ 1,833,023
Steel Packaging	Food and Beverage	\$ 138,045	\$ 6,400	\$ 2,436,213		\$ 2,436,213		\$ 2,215,702	\$ 220,511
	Aerosols	\$ 12,062	\$ 559	\$ 313,111		\$ 313,111		\$ 293,844	\$ 19,267
	Paint Cans	\$ 15,727	\$ 729	\$ 400,006		\$ 400,006		\$ 374,883	\$ 25,123
Steel Packaging		\$ 165,834	\$ 7,689	\$ 3,149,331	\$ -	\$ 3,149,331	\$ -	\$ 2,884,429	\$ 264,901
Aluminum Packaging	Al Food & Beverage Cans	\$ 122,988	\$ 5,702	\$ (556,658)		\$ (556,658)		\$ (753,117)	\$ 196,460
	Other Aluminum Packaging	\$ 21,130	\$ 980	\$ 46,893		\$ 46,893		\$ 13,141	\$ 33,752
Aluminum Packaging		\$ 144,118	\$ 6,682	\$ (509,764)	\$ -	\$ (509,764)	\$ -	\$ (739,976)	\$ 230,212
Glass Packaging	Flint Glass	\$ 117,203	\$ 5,434	\$ 3,405,984		\$ 3,405,984		\$ 3,218,766	\$ 187,218
	Coloured Glass	\$ 32,838	\$ 1,522	\$ 1,022,169		\$ 1,022,169		\$ 969,714	\$ 52,455
Glass Packaging		\$ 150,041	\$ 6,957	\$ 4,428,153	\$ -	\$ 4,428,153	\$ -	\$ 4,188,481	\$ 239,673
Factor Allocation to Printed Paper		\$ 2,803,884	\$ 130,000	\$ 90,971,884	\$ 886,365	\$ 90,085,519	\$ 3,000,000.00	\$ 83,493,000	\$ 4,478,884
Factor Allocation to Packaging									

Table 3: Fee Schedule By Mate

Category	Material	Total Fees (In-Kind Not Included)	Total Fees (In-Kind Included)	Reported 2006 Generation for 2008	Fully Disaggregated Material Fee Rate (In-Kind Not Included)		Fully Disaggregated Material Fee Rate (In-Kind Included)	
				(tonnes)	(\$/tonne)	(cents/kg)	(\$/tonne)	(cents/kg)
	Weight for Factor							
PRINTED PAPER								
Printed Paper	Newsprint - CNA/OCNA	\$ 299,545	\$ 1,185,910	238,212	\$1.26 /tonne	0.126 ¢/kg	\$4.98 /tonne	0.498 ¢/kg
	Newsprint - Non-CNA/OCNA	\$ 580,361	\$ 580,361	151,076	\$3.84 /tonne	0.384 ¢/kg	\$3.84 /tonne	0.384 ¢/kg
	Magazines and Catalogues	\$ 417,986	\$ 417,986	60,484	\$6.91 /tonne	0.691 ¢/kg	\$6.91 /tonne	0.691 ¢/kg
	Telephone Books	\$ 228,769	\$ 228,769	15,392	\$14.86 /tonne	1.486 ¢/kg	\$14.86 /tonne	1.486 ¢/kg
	Other Printed Paper	\$ 3,188,869	\$ 3,188,869	61,521	\$51.83 /tonne	5.183 ¢/kg	\$51.83 /tonne	5.183 ¢/kg
Printed Paper		\$ 4,715,529	\$ 5,601,894	526,684			\$10.64 /tonne	1.064 ¢/kg
PACKAGING								
Paper Based Packaging	Old Corrugated Containers	\$ 13,081,815	\$ 13,081,815	137,561	\$95.10 /tonne	9.510 ¢/kg	\$95.10 /tonne	9.510 ¢/kg
	Gabletop	\$ 2,135,391	\$ 2,135,391	14,696	\$145.31 /tonne	14.531 ¢/kg	\$145.31 /tonne	14.531 ¢/kg
	Paper Laminants	\$ 5,045,983	\$ 5,045,983	19,500	\$258.76 /tonne	25.876 ¢/kg	\$258.76 /tonne	25.876 ¢/kg
	Aseptic Containers	\$ 612,717	\$ 612,717	5,488	\$111.64 /tonne	11.164 ¢/kg	\$111.64 /tonne	11.164 ¢/kg
	Old Boxboard	\$ 10,066,604	\$ 10,066,604	158,838	\$63.38 /tonne	6.338 ¢/kg	\$63.38 /tonne	6.338 ¢/kg
Paper Based Packaging		\$ 30,942,510	\$ 30,942,510	336,084	\$92.07 /tonne	9.207 ¢/kg	\$92.07 /tonne	9.207 ¢/kg
Plastic Packaging	PET bottles	\$ 7,087,739	\$ 7,087,739	54,613	\$129.78 /tonne	12.978 ¢/kg	\$129.78 /tonne	12.978 ¢/kg
	HDPE bottles	\$ 2,910,307	\$ 2,910,307	23,307	\$124.87 /tonne	12.487 ¢/kg	\$124.87 /tonne	12.487 ¢/kg
	Plastic Film	\$ 13,734,821	\$ 13,734,821	50,935	\$269.65 /tonne	26.965 ¢/kg	\$269.65 /tonne	26.965 ¢/kg
	Plastic Laminants	\$ 6,618,723	\$ 6,618,723	18,456	\$358.62 /tonne	35.862 ¢/kg	\$358.62 /tonne	35.862 ¢/kg
	Polystyrene	\$ 5,423,288	\$ 5,423,288	13,681	\$396.42 /tonne	39.642 ¢/kg	\$396.42 /tonne	39.642 ¢/kg
	Other Plastics	\$ 8,584,882	\$ 8,584,882	56,337	\$152.39 /tonne	15.239 ¢/kg	\$152.39 /tonne	15.239 ¢/kg
Plastics Packaging		\$ 44,359,760	\$ 44,359,760	217,328	\$204.11 /tonne	20.411 ¢/kg	\$204.11 /tonne	20.411 ¢/kg
Steel Packaging	Food and Beverage	\$ 2,436,213	\$ 2,436,213	44,869	\$54.30 /tonne	5.430 ¢/kg	\$54.30 /tonne	5.430 ¢/kg
	Aerosols	\$ 313,111	\$ 313,111	6,938	\$45.13 /tonne	4.513 ¢/kg	\$45.13 /tonne	4.513 ¢/kg
	Paint Cans	\$ 400,006	\$ 400,006	5,082	\$78.71 /tonne	7.871 ¢/kg	\$78.71 /tonne	7.871 ¢/kg
Steel Packaging		\$ 3,149,331	\$ 3,149,331	56,889	\$55.36 /tonne	5.536 ¢/kg	\$55.36 /tonne	5.536 ¢/kg
Aluminum Packaging	Al Food & Beverage Cans	\$ (556,658)	\$ (556,658)	25,405	-\$21.91 /tonne	-2.191 ¢/kg	-\$21.91 /tonne	-2.191 ¢/kg
	Other Aluminum Packaging	\$ 46,893	\$ 46,893	3,398	\$13.80 /tonne	1.380 ¢/kg	\$13.80 /tonne	1.380 ¢/kg
Aluminum Packaging		\$ (509,764)	\$ (509,764)	28,803	-\$17.70 /tonne	-1.770 ¢/kg	-\$17.70 /tonne	-1.770 ¢/kg
Glass Packaging	Flint Glass	\$ 3,405,984	\$ 3,405,984	89,854	\$37.91 /tonne	3.791 ¢/kg	\$37.91 /tonne	3.791 ¢/kg
	Coloured Glass	\$ 1,022,169	\$ 1,022,169	24,945	\$40.98 /tonne	4.098 ¢/kg	\$40.98 /tonne	4.098 ¢/kg
Glass Packaging		\$ 4,428,153	\$ 4,428,153	114,799	\$38.57 /tonne	3.857 ¢/kg	\$38.57/tonne	3.857 ¢/kg
Factor Allocation to Printed Paper		\$ 87,085,519	\$ 87,971,884	526,684				
Factor Allocation to Packaging				753,902				

2010 Fee Rates

Material Categories	Preliminary 2010 Fee Rates		Extent of Aggregation of Fee Rates (% dis-aggregated)	<table><tr><th>Common</th><th>In-Kind</th></tr><tr><td>0.170 \$404,961</td><td>0.598 \$1,424,501</td></tr></table>		Common	In-Kind	0.170 \$404,961	0.598 \$1,424,501
	Common	In-Kind							
0.170 \$404,961	0.598 \$1,424,501								
Dis-aggregated (cents/kg)	Aggregated (cents/kg)								
Newsprint - CNA/OCNA (4)	0.50	0.170	52.25%						
Newsprint - Non-CNA/OCNA	0.38	0.710							
Magazines and Catalogues	0.69	1.970							
Telephone Books	1.49	1.970							
Other Printed Paper	5.18	1.970							
Combined Printed Paper	1.06								
Old Corrugated Containers	9.51	7.810	100.00%						
Gabletop	14.53	19.650							
Paper Laminants	25.88	19.650							
Aseptic Containers	11.16	19.650							
Old Boxboard	6.34	7.810							
Combined Paper Packaging	9.21								
PET bottles	12.98	12.980	100.00%						
HDPE bottles	12.49	12.490							
Plastic Film	26.97	24.650							
Plastic Laminants	35.86	24.650							
Polystyrene	39.64	24.650							
Other Plastics	15.24	24.650							
Combined Plastic Packaging	20.41								
Food and Beverage	5.43	5.540							
Aerosols	4.51	5.540							
Paint Cans	7.87	5.540							
Combined Steel Packaging	5.54								
Al Food & Beverage Cans	-2.19	-2.200							
Other Aluminum Packaging	1.38	1.390							
Combined Al Packaging	-1.77	-1.770							
Flint Glass	3.79	3.800							
Coloured Glass	4.10	4.100							
Combined Glass Packaging	3.86	3.860							

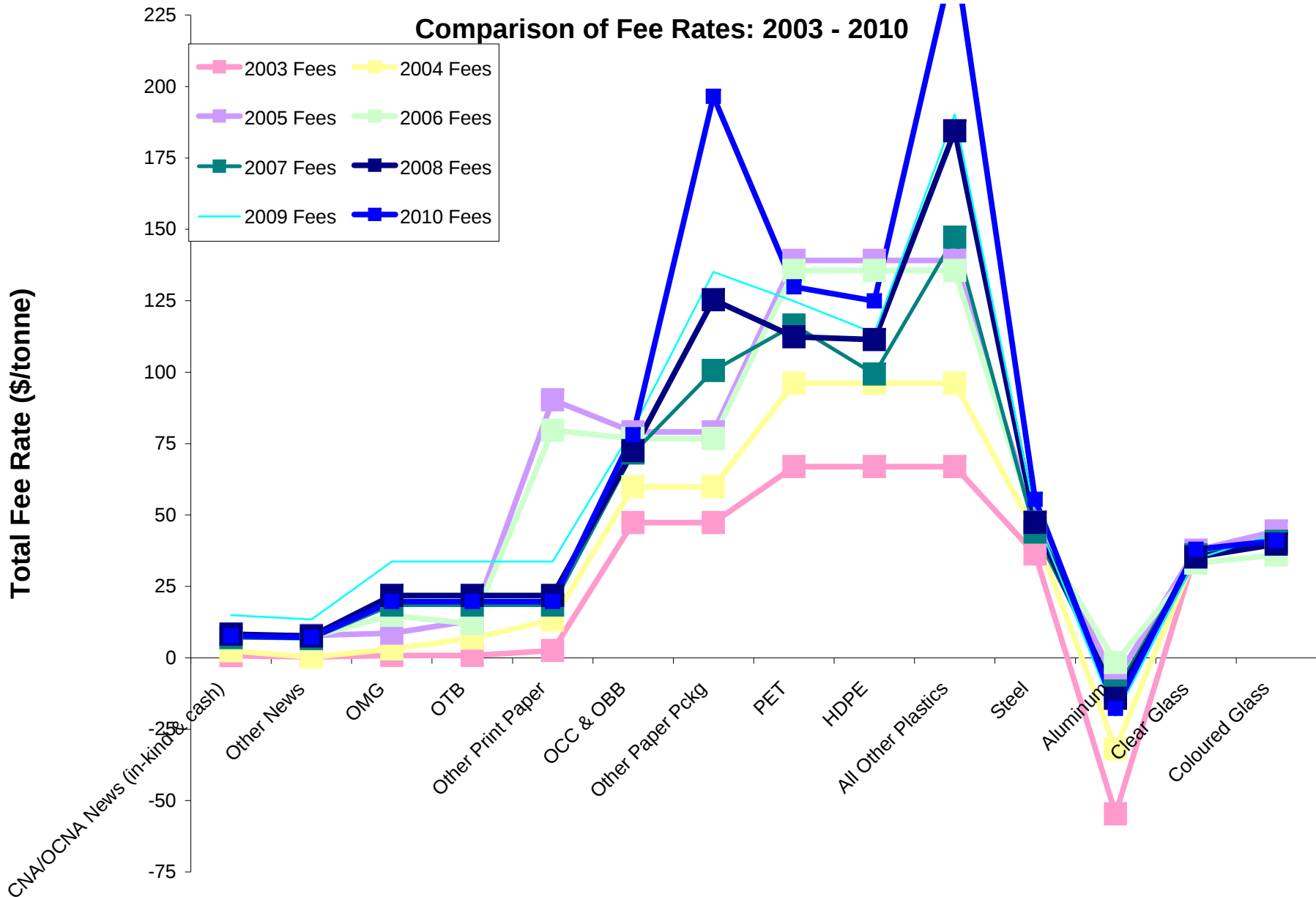
Historic Material Fee Rates: 2003 - 2010

Notes

1. CNA/OCNA newsprint fee rates presented in this table cover the CNA/OCNA share of common costs and paid in cash

A separate line below the table shows the in-kind contribution by CNA/OCNA

Material Categories	2003 (\$/tonne)	2004 (\$/tonne)	2005 (\$/tonne)	2006 (\$/tonne)	2007 (\$/tonne)	2008 (\$/tonne)	2009 Fees (\$/tonne)	2010 Fees (\$/tonne)
Newsprint - CNA/OCNA (1)	0.28	0.26	0.76	1.82	1.98	1.48	1.54	1.70
Newsprint - Non-CNA/OCNA	0.28	0.26	7.86	7.33	6.74	7.64	13.46	7.10
Magazines and Catalogues	0.81	3.10	8.62	14.81	18.40	21.82	33.73	19.70
Telephone Books	0.81	6.87	13.02	11.90	18.40	21.82	33.73	19.70
Other Printed Paper	2.51	13.18	90.29	79.60	18.40	21.82	33.73	19.70
Old Corrugated Containers	47.28	59.87	79.04	76.73	71.66	72.52	80.20	78.10
Gabletop	47.28	59.87	79.04	76.73	100.55	125.34	135.08	196.50
Paper Laminants	47.28	59.87	79.04	76.73	100.55	125.34	135.08	196.50
Aseptic Containers	47.28	59.87	79.04	76.73	100.55	125.34	135.08	196.50
Old Boxboard	47.28	59.87	79.04	76.73	71.66	72.52	80.20	78.10
PET bottles	66.92	96.10	139.07	135.56	116.44	112.38	124.84	129.80
HDPE bottles	66.92	96.10	139.07	135.56	99.29	111.35	113.72	124.90
Plastic Film	66.92	96.10	139.07	135.56	147.20	184.49	190.27	246.50
Plastic Laminants	66.92	96.10	139.07	135.56	147.20	184.49	190.27	246.50
Polystyrene	66.92	96.10	139.07	135.56	147.20	184.49	190.27	246.50
Other Plastics	66.92	96.10	139.07	135.56	147.20	184.49	190.27	246.50
Food and Beverage	36.33	43.91	47.45	46.01	43.98	47.44	49.98	55.40
Aerosols	36.33	43.91	47.45	46.01	43.98	47.44	49.98	55.40
Paint Cans	36.33	43.91	47.45	46.01	43.98	47.44	49.98	55.40
Al Food & Beverage Cans	-57.67	-35.78	-10.93	-4.76	-18.63	-22.15	-29.84	-22.00
Other Aluminum Packaging	-34.10	16.18	55.02	35.77	58.63	50.95	59.21	13.90
Flint Glass	37.23	36.82	37.61	33.09	35.96	35.29	34.61	38.00
Coloured Glass	40.16	39.16	44.32	36.02	40.77	39.76	43.44	41.00



Material Categories	2003 Fees	2004 Fees	2005 Fees	2006 Fees	2007 Fees	2008 Fees	2009 Fees	2010 Fees
CNA/OCNA News (in-kind & cash)	0.68	2.41	7.86	7.29	7.01	8.25	14.92	7.68
Other News	0.28	0.26	7.86	7.33	6.74	7.64	13.46	7.10
OMG	0.81	3.10	8.62	14.81	18.40	21.82	33.73	19.70
OTB	0.81	6.87	13.02	11.90	18.40	21.82	33.73	19.70
Other Print Paper	2.51	13.18	90.29	79.60	18.40	21.82	33.73	19.70
OCC & OBB	47.28	59.87	79.04	76.73	71.66	72.52	80.20	78.10
Other Paper Pckg	47.28	59.87	79.04	76.73	100.55	125.34	135.08	196.50
PET	66.92	96.10	139.07	135.56	116.44	112.38	124.84	129.80
HDPE	66.92	96.10	139.07	135.56	99.29	111.35	113.72	124.90
All Other Plastics	66.92	96.10	139.07	135.56	147.20	184.49	190.27	246.50
Steel	36.33	43.91	47.45	46.01	43.98	47.44	49.98	55.40
Aluminum	-54.65	-31.93	-7.79	-1.70	-11.66	-14.18	-20.33	-17.70
Clear Glass	37.23	36.82	37.61	33.09	35.96	35.29	34.61	38.00
Coloured Glass	40.16	39.16	44.32	36.02	40.77	39.76	43.44	41.00

Notes

1) Both in-kind and cash for CNA/OCNA