

			Reported MSW Generation													
		600,000,000														
	s	500,000,000													~	-
	SW Ton	400,000,000									/	-	_			
	ported M	300,000,000	-		~	_										
	Re	100,000,000														
		0 -				,	,	,				,	,	,		
			1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2002	2004
		•Source	: Biocy	/cle, A	pril 20	06										
MANAGEMENT CONSULTANTS																2



	Recycli	ing Ener ce: Natior	gy Savi	ngs a urces	and CO2 Defense	2 Impa Council	cts			
	Energy Savings Per Ton Recycled									
	Materials	Grade	% Reduction of Energy*	Million BTUs	Equivalent in Barrels of Oil	Tons CO2 Reduced				
	Aluminum		95	196	37.2	13.8				
	Paper**	Newsprint Print/Writing Linerboard Boxboard	45 35 26 26.	20.9 20.8 12.3 12.8	3.97 3.95 2.34 2.43	-0.03 -0.03 0.07 0.04				
	Glass	Recycle Reuse	31 328	4.74 50.18	0.9 9.54	0.39 3.46				
	Steel		61	14.3	2.71	1.52				
GBB	Plastic	PET PE PP	57 75 74	57.9 56.7 53.6	11 10.8 10.2	0.985 0.346 1.32				
SOLID WASTE	Mixed MSW		na	na	na	na				
MANAGEMENT CONSULTANTS		1	•				4			















	Value of Recyclables in One Ton of Waste Sorted and Solo to Markets								
	Year	\$ per Ton Equivalent							
	1994	\$40.00							
	1995	\$104.00							
	1998	\$48.00							
	2005	\$85.00							
	2008	\$150.00							
SOLID WASTE MANAGEMENT CONSULTANTS	Source: GBB internal da	ta base							

	Residential Container Redemption Value in California Curbside Recyclables Note: CRV Values are averages of 2002 – 2005									
	Material	\$ / Container (# <i>/</i> Ton)	CRV Avg. Value (\$/Ton)	% of Residential Recycling	Weighted Revenue (\$/Ton)					
	Mixed Glass	\$ 0.04 (3,740)	\$117.00	15.5%	\$18.14					
	Aluminum	\$ 0.04 (59,000)	\$1,978.25	0.3%	\$5.93					
	PET	\$ 0.05 (25,600)	\$1,173.56	1.1%	\$12.91					
	HDPE	\$ 0.07 (10,200)	\$289.73	2.4%	\$6.95					
GBB	Subtotal (CRV Value)	\$43.93 / ton								
SOLID WASTE MANAGEMENT CONSULTANTS					III - 13					























