

APPENDIX B

WASTE MANAGEMENT INITIATIVES TO ADDRESS THE RECYCLING TARGET SHORTFALL (SHORT AND MEDIUM TERM)

Options Developed for Further Consideration by the Officer Working Group of the Bucks Waste Forum, May 2001.

INITIATIVE	TOTAL CAPITAL COST	TOTAL REVENUE COST (per annum)	REVENUE COST PER TONNE	NEW NON-BMW RECYCLED (tonnes)	NEW BMW DIVERTED (tonnes)	ALL NEW WASTE DIVERTED (tonnes)
01 Waste Minimisation Initiatives to achieve c. 0.5% p.a. reduction in arisings per household by 2003/04 (BCC)	N/A	£250,000	£190	650. (reduction)	650 (reduction)	1,300 (reduction)
02 Provide one or more new HWRCs by 2005/06 (BCC)	400,000	£60,000	£30	540	1,460	2,000
03 Relocate HWRC site for Beaconsfield by 2003/04 (BCC)	537,000	£260,000	£108	650	1,760	2,410
04 High Heavens HWRC. Extend site by 2003/04 (BCC)	£250,000 to £300,000	£18,000	£16.36	700	400	1,100
05 High Heavens HWRC. Develop composting facility by 2003/04 (BCC)	£100,000	£60,000	30	N/A	N/A	N/A
06 Buckingham HWRC. Extend within site by 2005/06 (BCC)	£13,000	£1,000	£2.86	350	0	350
07 Chesham HWRC. Extend within site by 2005/06 (BCC)	£300,000	£15,000	£24.19	155	465	620

08 Amersham HWRC. Extend within site by 2003/04 (BCC)	£4,000	£0	£0	240	0	240
09 Amersham HWRC. Develop composting facility by 2003/04 (BCC)	£250,000	£210,000	£30	N/A	N/A	N/A
10 Wheeled bin fortnightly kerbside collection of Green Waste to 60% of premises by2003/04 (AVDC)	£560,000 to £670,000	£550,000	£102	0	5,400	5,400
11 Wheeled bin fortnightly kerbside collection of Green Waste to remaining 40% of premises by 2005/06 (AVDC)	£370,000 to £446,000	£300,000	£84	0	3,600	3,600
12 Kerbside monthly collection of glass using box/basket to 60% of premises by 2003/04 (AVDC)	£58,500 to £78,000	£180,000	£112.50	1600	0	1600
13 Kerbside monthly collection of glass using box/basket to remaining 40% of premises by 2005/06 (AVDC)	£39,000 to £52,000	£120,000	£133	900	0	900
14 Bring scheme facilities for cardboard & mixed papers by 2003/04 [based on 25 sites] (AVDC)	£12,500 to £25,000	£25,000	£25	0	1,000	1,000
15 Increased bring scheme provision of 25 new sites for various materials By 2003/04 (AVDC)	£12,500 to £25,000	£25,000	£25	500	500	1,000
16 Enhanced kerbside collection of paper by 2003/04 (CDC)	0	£40,632 (includes annual sum of £15,000 for promotion)	£32.54	0	2,380	2,380

17 Enhanced kerbside collection of glass by 2003/04 (CDC)	0	£16,131 (includes annual sum of £15,000 for promotion)	£24.77	377	0	377
18 Phased kerbside collection of Kitchen Waste & Green Waste by 2005/06 (CDC)	0	£542,145 to £722,860	£127.22 to £163.37	0	3,500	3,500
19 Enhancement of existing recycling schemes by 2003/04 (SBDC)	0	£40,000 to £60,000	£13 to £17	2,000	0	2,000
20 Provision of kerbside glass collection scheme by 2003/04 (SBDC)	£96,000	£115,000 to £125,000	£115 to £125	1,000	0	1,000
21 Phased provision of kerbside Green Waste collection scheme by 2005/06 (SBDC)	0	£430,000 to £550,000	£123 to £157	0	3,500	3,500
22 Paper collection with kerbside boxes to 85% households by 2003/04 (WDC)	£82,418	Additional revenue cost of £268,695	£87 (Full scheme costs p/t for 85% - £77)	0	Additional 3,085 tonnes	Additional 3,085 tonnes
23 Paper collection with kerbside boxes to remaining 15% of households by 2005/06 (WDC)	Additional £14,545 For remaining 15%	Additional £106,605 for remaining 15%	£435 (Full scheme costs p/t for 100% - £88)	0	245	245
24 Wheeled bin Green Waste collection to 85% of households by 2003/04 (WDC)	£1,200,000 to £1,500,000	£1,014,284	£106	0	9,500	9,500
25 Wheeled bin Green Waste collection to remaining 15% of households by 2005/06 (WDC)	Additional £100,000 to £200,000 for remaining 15%	Additional £179,007 for remaining 15%	£179	0	1,000	1,000

26 Kerbside collection of plastic, glass & cans with boxes to 85% of households by 2008/09 (WDC)	£82,418	£528,570	£224	2,000	0	2,000
27 Kerbside collection of plastic, glass & cans with boxes to remaining 15% of households by 2010/11 (WDC)	Additional £14,545 for remaining 15%)	Additional £93,286 for remaining 15%	£169	550	0	550
28 Phase in reduction in size of general waste bin by 2005/06 (WDC)	£824,175 to £969,630	No additional costs	No additional costs			Estimated diversion of 3,000 tonnes into recycling and composting schemes
SUB-TOTAL BY 2003/04	£3,162,918 to £3,667,418	£3,072,742 to £3,102,742	N/A	7,717	24,675	32,392
SUB-TOTAL BY 2005/06	£2,060,720 to £2,395,175	£1,753,757 to £2,054,472	N/A	1,945	13,770	18,715
SUB-TOTAL BY 2010/11	£96,963	£621,856	N/A	2,550	0	2,550
TOTAL	£5,320,601 to £6,159,556	£5,448,355 to £5,479,070	N/A	12,212	38,445	53,657

Note

- 01 Achieves an estimated 0.5% p.a. reduction in msw arisings by 2003/04 across the county. Equates to some 1,300 tonnes split evenly between non-BMW and BMW.
- 05 Assumes that Green Waste collected by WDC at 2003/04 would go to High Heavens for composting. Also that only 20% of this would be new waste. Therefore 2,000 tonnes x £30 per tonne = £60,000.
- 09 Assumes that all Green Waste collected by CDC and SBDC would go to a central composting facility at Amersham. At 2005/06 it is expected that some 7,000 tonnes of "new" Green Waste might be collected from within the two district council areas (net of what is already deposited in the general bin or is presently taken to HWRCs). 7,000 tonnes p.a. (equivalent) x £30 tonne = £210,000.
- 10 Assumes that Green Waste from AVDC would be sent to Newton Longville for composting (a small amount might go to Amersham i.e. from Wendover).