Reproduced from CD10.4 Technical Evidence Paper WCS - A Data Update (November 2010)

Table 3l: Yearly MSW Facility Requirements (Figures provided by Gloucestershire County Council's Waste Management Team).

1	2	3	4	5	6	7	8	9
Year	Arising Estimate	Average Annual Growth rate	Composting/AD	Recycling	Residual Treatment	Transfer (see Section 8)	Landfill	
		%	All		Based on 60% recycling and composting (by 2020)		Residual after treatment	LATS targets
2000/01	268,504	12.17%	6,123	30,106	-	50,438	232,275	-
2001/02	268,320	-0.07%	7,312	31,100	-	50,404	229,907	-
2002/03	283,493	5.66%	12,395	35,296	-	53,254	235,802	-
2003/04	291,978	2.99%	17,456	46,007	-	55,201	228,515	-
2004/05	309,486	6.00%	22,774	58,300	-	58,295	228,413	-
2005/06	312,118	0.85%	32,276	66,590	-	48,154	213,252	-
2006/07	324,143	3.85%	41,602	67,572	-	47,057	214,969	158,634
2007/08	322,796	-0.42%	43,683	77,116	-	46,000	201,997	150,100
2008/09	307,269	-4.81%	50,703	80,139	-	49,040	176,429	138,721
2009/10	293,815	-4.38%	49,244	75,548	-	62,943	169,023	124,497
2010/11	292,816	-0.34%	55,329	75,323	-	64,879	162,164	107,428
2011/12	297,116	1.47%	63,147	80,225	-	65,355	153,744	95,471
2012/13	301,914	1.61%	65,137	83,089	-	65,844	153,688	83,513
2013/14	306,793	1.62%	66,793	85,625	-	66,348	154,375	71,555
2014/15	311,753	1.62%	68,546	88,166	148,000	77,521	7,041	68,486
2015/16	316,794	1.62%	75,030	95,597	139,000	73,084	7,167	65,416
2016/17	321,918	1.62%	76,590	98,581	139,000	73,374	7,747	62,347
2017/18	327,127	1.62%	78,883	101,536	139,000	73,354	7,708	59,277
2018/19	332,422	1.62%	80,659	106,089	138,000	72,837	7,674	56,208
2019/20	337,805	1.62%	82,728	112,302	135,000	71,388	7,775	53,139
2020/21	340,533	0.81%	83,409	113,277	136,000	71,924	7,847	50,069

2021/22	343,258	0.80%	84,089	114,252	137,000	72,459	7,917	-
2022/23	345,984	0.79%	84,769	115,228	138,000	72,994	7,987	-
2023/24	348,709	0.79%	85,449	116,205	139,000	73,528	8,055	-
2024/25	351,435	0.78%	86,129	117,182	140,000	74,062	8,124	-
2025/26	354,161	0.78%	86,809	118,159	141,000	74,597	8,193	-
2026/27	356,886	0.77%	87,489	119,138	142,000	75,130	8,259	-
2027/28	359,612	0.76%	88,169	120,117	143,000	75,663	8,326	-

Table 3l: Yearly MSW Facility Requirements (Figures updated following WCS Public Examination).

Achieving a recycling rate of 70% by 2015

1	2	3	4	5	6	7	8	9
Year	**Arising Estimate**	**Average Annual Growth rate**	**Composting/AD**	**Recycling**	**Residual Treatment**	**Transfer** (see Section 8)	**Landfill**	
		%	**All**		**Based on 70% recycling and composting (by 2015)**		**Residual after treatment**	**LATS targets**
2000/01	268,504	12.17%	6,123	30,106	-	50,438	232,275	-
2001/02	268,320	-0.07%	7,312	31,100	-	50,404	229,907	-
2002/03	283,493	5.66%	12,395	35,296	-	53,254	235,802	-
2003/04	291,978	2.99%	17,456	46,007	-	55,201	228,515	-
2004/05	309,486	6.00%	22,774	58,300	-	58,295	228,413	-
2005/06	312,118	0.85%	32,276	66,590	-	48,154	213,252	-
2006/07	324,143	3.85%	41,602	67,572	-	47,057	214,969	158,634
2007/08	322,796	-0.42%	43,683	77,116	-	46,000	201,997	150,100
2008/09	307,269	-4.81%	50,703	80,139	-	49,040	176,429	138,721
2009/10	293,815	-4.38%	49,244	75,548	-	62,943	169,023	124,497
2010/11	292,816	-0.34%	55,329	75,323	-	64,879	162,164	107,428
2011/12	297,116	1.47%	63,147	80,225	-	65,355	153,744	95,471
2012/13	301,914	1.61%	65,137	83,089	-	65,844	153,688	83,513
2013/14	306,793	1.62%	66,793	85,625	-	66,348	154,375	71,555
2014/15	311,753	1.62%	99,721	119,341	85,650	46,346	7,041	68,486
2015/16	316,794	1.62%	100,594	121,161	87,872	47,520	7,167	65,416
2016/17	321,918	1.62%	101,676	123,667	88,828	48,288	7,747	62,347
2017/18	327,127	1.62%	103,168	125,821	90,430	49,069	7,708	59,277
2018/19	332,422	1.62%	103,633	129,063	92,052	49,863	7,674	56,208
2019/20	337,805	1.62%	103,445	133,019	93,566	50,671	7,775	53,139
2020/21	340,533	0.81%	104,253	134,121	94,312	51,080	7,847	50,069
2021/22	343,258	0.80%	105,059	135,222	95,060	51,489	7,917	-

2022/23	345,984	0.79%	105,865	136,324	95,808	51,898	7,987	-
2023/24	348,709	0.79%	106,670	137,426	96,558	52,307	8,055	-
2024/25	351,435	0.78%	107,476	138,529	97,306	52,715	8,124	-
2025/26	354,161	0.78%	108,281	139,631	98,056	53,125	8,193	-
2026/27	356,886	0.77%	109,086	140,735	98,806	53,533	8,259	-
2027/28	359,612	0.76%	109,890	141,838	99,558	53,942	8,326	-

Table 3l: Yearly MSW Facility Requirements (Figures updated following WCS Public Examination).
Increase in waste tonnage arisings due to the increase in household numbers.

1	2	3	4	5	6	7	8	9
Year	**Arising Estimate**	**Average Annual Growth rate**	**Composting/AD**	**Recycling**	**Residual Treatment**	**Transfer** (see Section 8)	**Landfill**	
		%	**All**		**Based on 60% recycling and composting (by 2020)**		**Residual after treatment**	**LATS targets**
2000/01	268,504	12.17%	6,123	30,106	-	50,438	232,275	-
2001/02	268,320	-0.07%	7,312	31,100	-	50,404	229,907	-
2002/03	283,493	5.66%	12,395	35,296	-	53,254	235,802	-
2003/04	291,978	2.99%	17,456	46,007	-	55,201	228,515	-
2004/05	309,486	6.00%	22,774	58,300	-	58,295	228,413	-
2005/06	312,118	0.85%	32,276	66,590	-	48,154	213,252	-
2006/07	324,143	3.85%	41,602	67,572	-	47,057	214,969	158,634
2007/08	322,796	-0.42%	43,683	77,116	-	46,000	201,997	150,100
2008/09	307,269	-4.81%	50,703	80,139	-	49,040	176,429	138,721
2009/10	293,815	-4.38%	49,244	75,548	-	62,943	169,023	124,497
2010/11	296,665	0.97%	55,329	75,323	-	64,879	162,164	107,428
2011/12	295,627	0.96%	63,147	80,225	-	65,355	152,255	95,471
2012/13	298,317	0.91%	65,137	83,089	-	65,844	150,091	83,513
2013/14	301,241	0.98%	66,793	85,625	-	66,348	148,823	71,555
2014/15	304,374	1.04%	68,546	88,166	140,621	73,831	7,041	68,486
2015/16	307,509	1.03%	75,030	95,597	129,715	68,441	7,167	65,416
2016/17	310,861	1.09%	76,590	98,581	127,943	67,845	7,747	62,347
2017/18	314,000	1.01%	78,883	101,536	125,873	66,791	7,708	59,277
2018/19	317,234	1.03%	80,659	106,089	122,812	65,243	7,674	56,208
2019/20	320,597	1.06%	82,728	112,302	117,792	62,784	7,775	53,139
2020/21	323,611	0.94%	83,409	113,277	119,078	63,462	7,847	50,069
2021/22	326,620	0.93%	84,089	114,252	120,362	64,140	7,917	-

2022/23	330,082	1.06%	84,769	115,228	122,098	65,043	7,987	-
2023/24	332,327	0.68%	85,449	116,205	122,618	65,337	8,055	-
2024/25	335,119	0.84%	86,129	117,182	123,684	65,904	8,124	-
2025/26	337,934	0.84%	86,809	118,159	124,773	66,483	8,193	-
2026/27	340,637	0.80%	87,489	119,138	125,751	67,005	8,259	-
2027/28	343,430	0.82%	88,169	120,117	126,818	67,572	8,326	-

Table 3l: Yearly MSW Facility Requirements (Figures updated following WCS Public Examination).

Increase in waste tonnages due to the increase in household numbers and 70% recycling by 2015

1	2	3	4	5	6	7	8	9
Year	Arising Estimate	Average Annual Growth rate	Composting/AD	Recycling	Residual Treatment	Transfer (see Section 8)	Landfill	
		%	All		Based on 70% recycling and composting (by 2015)		Residual after treatment	LATS targets
2000/01	268,504	12.17%	6,123	30,106	-	50,438	232,275	-
2001/02	268,320	-0.07%	7,312	31,100	-	50,404	229,907	-
2002/03	283,493	5.66%	12,395	35,296	-	53,254	235,802	-
2003/04	291,978	2.99%	17,456	46,007	-	55,201	228,515	-
2004/05	309,486	6.00%	22,774	58,300	-	58,295	228,413	-
2005/06	312,118	0.85%	32,276	66,590	-	48,154	213,252	-
2006/07	324,143	3.85%	41,602	67,572	-	47,057	214,969	158,634
2007/08	322,796	-0.42%	43,683	77,116	-	46,000	201,997	150,100
2008/09	307,269	-4.81%	50,703	80,139	-	49,040	176,429	138,721
2009/10	293,815	-4.38%	49,244	75,548	-	62,943	169,023	124,497
2010/11	296,665	0.97%	55,329	75,323	-	64,879	162,164	107,428
2011/12	295,627	0.96%	63,147	80,225	-	65,355	152,255	95,471
2012/13	298,317	0.91%	65,137	83,089	-	65,844	150,091	83,513
2013/14	301,241	0.98%	66,793	85,625	-	66,348	148,823	71,555
2014/15	304,374	1.04%	98,333	114,910	84,090	47,087	7,041	68,486
2015/16	307,509	1.03%	98,974	116,466	84,902	47,572	7,167	65,416
2016/17	310,861	1.09%	99,453	118,336	85,325	48,090	7,747	62,347
2017/18	314,000	1.01%	100,237	119,751	86,304	48,576	7,708	59,277
2018/19	317,234	1.03%	99,998	122,256	87,306	49,076	7,674	56,208
2019/20	320,597	1.06%	99,120	125,489	88,213	49,596	7,775	53,139
2020/21	323,611	0.94%	100,044	126,677	89,043	50,063	7,847	50,069
2021/22	326,620	0.93%	100,963	127,864	89,877	50,528	7,917	-

2022/23	330,082	1.06%	102,048	129,207	90,840	51,064	7,987	-
2023/24	332,327	0.68%	102,697	130,131	91,444	51,411	8,055	-
2024/25	335,119	0.84%	103,540	131,243	92,212	51,843	8,124	-
2025/26	337,934	0.84%	104,392	132,364	92,985	52,278	8,193	-
2026/27	340,637	0.80%	105,203	133,447	93,729	52,697	8,259	-
2027/28	343,430	0.82%	106,046	134,561	94,498	53,129	8,326	-