

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1a - Diversion of waste from landfill
a) % LACW (local authority collected waste) diversion

Table 1: Local Authority Collected Waste (LACW) Management in the Black Country 2005/06 - 2011/12 by Authority

Year	Landfill	Incineration with EfW	Incineration without EfW	Recycled/ Composted	Other	Total Waste Managed	Total Waste Diverted (Incineration with EfW, Recycled/ Composted)	Diversion Rate Achieved
2005/06								
Dudley	21,994	87,941	0	29,715	5	139,655	117,656	84.25%
Sandwell	117,052	8,061	0	25,431	0	150,544	33,492	22.25%
Walsall	111,423	4,457	0	34,470	0	150,350	38,927	25.89%
Wton	35,731	87,708	94	28,489	0	152,022	116,197	76.43%
BC Total	286,200	188,167	94	118,105	5	592,571	306,272	51.69%
2006/07								
Dudley	22,204	85,151	16	36,507	5	143,883	121,658	84.55%
Sandwell	96,035	16,664	0	27,552	0	140,251	44,216	31.53%
Walsall	94,702	13,372	0	36,431	0	144,505	49,803	34.46%
Wton	25,391	90,939	110	30,367	0	146,807	121,306	82.63%
BC Total	238,332	206,126	126	130,857	5	575,446	336,983	58.56%
2007/08								
Dudley	23,239	80,441	21	43,027	0	146,728	123,468	84.15%
Sandwell	93,424	14,720	0	34,360	0	142,504	49,080	34.44%
Walsall	61,841	35,878	0	40,663	0	138,382	76,541	55.31%
Wton	31,522	75,352	65	35,477	0	142,416	110,829	77.82%
BC Total	210,026	206,391	86	153,527	0	570,030	359,918	63.14%
2008/09								
Dudley	22,699	76,732	21	46,734	0	146,186	123,466	84.46%
Sandwell	77,475	25,987	0	35,949	0	139,411	61,936	44.43%
Walsall	57,753	29,516	0	42,985	0	130,254	72,501	55.66%
Wton	16,609	77,701	63	42,417	0	136,790	120,118	87.81%
BC Total	174,536	209,936	84	168,085	0	552,641	378,021	68.40%
2009/10								
Dudley	21,785	78,316	21	44,460	0	144,582	122,776	84.92%
Sandwell	52,223	45,388	0	38,551	0	136,161	83,939	61.65%
Walsall	42,306	26,698	0	55,913	0	124,917	82,611	66.13%
Wton	15,427	74,381	52	44,589	11	134,459	118,970	88.48%
BC Total	131,741	224,783	73	183,513	11	540,119	408,296	75.59%
2010/11								
Dudley	14,366	74,364	21	44,992	0	133,743	119,356	89.24%
Sandwell	49,866	45,929	0	38,145	0	139,175	84,074	60.41%
Walsall	46,843	18,779	0	53,972	0	119,593	72,751	60.83%
Wton	12,234	73,648	48	43,649	0	129,578	117,297	90.52%
BC Total	123,309	212,720	69	180,758	0	522,089	393,478	75.37%
2011/12								
Dudley	12,022	74,121	22	45,717	0	131,882	119,838	90.87%
Sandwell	23,756	59,436	0	51,349	0	134,541	110,785	82.34%
Walsall	57,980	8,115	0	53,384	229	119,708	61,499	51.37%
Wton	8,649	68,724	47	49,274	0	126,694	117,998	93.14%
BC Total	102,407	210,396	69	199,724	229	512,825	410,120	79.97%

Source: Defra Local Authority Waste Management Data 2005/06 - 2010/11. N.B. 2010/11 data may differ from that published in some Local Authority AMRs where interim figures may have been used.

<http://www.defra.gov.uk/statistics/environment/waste/wrfg23-wrmsannual/>

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1a - Diversion of waste from landfill

b) % C&I (commercial and industrial) waste diversion

Table 2: Inputs into Permitted Commercial Waste Management Facilities in the Black Country 2006 - 2011 by Facility Type

Calendar Year	Use of Waste	MRF	Incinerator	MRS	Treatment	Transfer	Landfill	Total Inputs	Inputs into Non-Landfill Sites		Inputs into Landfill Sites	
	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes		Tonnes	%	Tonnes	%
2006												
Dudley	0	2,113	0	146,368	1,121	86,613	288,898	525,113	236,215	44.98%	288,898	55.02%
Sandwell	0	40,825	6,732	320,339	148,284	599,906	52,069	1,168,155	1,116,086	95.54%	52,069	4.46%
Walsall	0	41,271	0	398,098	118,239	114,917	403,923	1,076,448	672,525	62.48%	403,923	37.52%
Wton	0	18,983	237	27,427	56,860	190,211	0	293,718	293,718	100.00%	0	0.00%
BC Total	0	103,192	6,969	892,232	324,504	991,647	744,890	3,063,434	2,318,544	75.68%	744,890	24.32%
2007												
Dudley	0	2,104	0	155,304	2,877	108,995	313,152	582,432	269,280	46.23%	313,152	53.77%
Sandwell	0	26,770	6,899	798,349	135,476	491,089	111,017	1,569,600	1,458,583	92.93%	111,017	7.07%
Walsall	0	39,648	0	80,073	98,576	139,784	455,536	813,617	358,081	44.01%	455,536	55.99%
Wton	0	19,189	1,322	30,299	84,915	190,918	0	326,643	326,643	100.00%	0	0.00%
BC Total	0	87,711	8,221	1,064,025	321,844	930,786	879,705	3,292,292	2,412,587	73.28%	879,705	26.72%
2008												
Dudley	0	2,250	0	143,183	6,266	99,223	255,223	506,145	250,922	49.58%	255,223	50.42%
Sandwell	0	23,700	7,253	780,921	132,787	489,312	49,076	1,483,049	1,433,973	96.69%	49,076	3.31%
Walsall	0	56,805	0	410,328	98,458	145,481	537,815	1,248,887	711,072	56.94%	537,815	43.06%
Wton	0	0	1,295	32,334	35,807	147,922	0	217,358	217,358	100.00%	0	0.00%
BC Total	0	82,755	8,548	1,366,766	273,318	881,938	842,114	3,455,439	2,613,325	75.63%	842,114	24.37%
2009												
Dudley	0	1,875	0	144,718	21,439	59,979	188,148	416,159	228,011	54.79%	188,148	45.21%
Sandwell	0	30,717	6,196	722,611	121,423	425,664	30,657	1,337,268	1,306,611	97.71%	30,657	2.29%
Walsall	0	79,250	0	324,414	226,835	135,722	454,345	1,220,566	766,221	62.78%	454,345	37.22%
Wton	0	16,239	1,368	19,035	10,280	105,838	0	152,760	152,760	100.00%	0	0.00%
BC Total	0	128,081	7,564	1,210,778	379,977	727,203	673,150	3,126,753	2,453,603	78.47%	673,150	21.53%
2010												
Dudley	0	2,073	0	174,070	7,989	68,340	170,061	422,533	252,472	59.75%	170,061	40.25%
Sandwell	0	17,487	6,692	611,062	232,614	283,743	0	1,151,598	1,151,598	100.00%	0	0.00%
Walsall	0	64,608	0	392,787	93,568	275,247	324,999	1,151,209	826,210	71.77%	324,999	28.23%
Wton	0	4,179	1,423	18,764	280	113,361	0	138,007	138,007	100.00%	0	0.00%
BC Total	0	88,347	8,115	1,196,683	334,451	740,691	495,060	2,863,347	2,368,287	82.71%	495,060	17.29%
2011												
Dudley	33,063	2,366	0	166,383	5,759	61,616	274,482	543,669	269,187	49.51%	274,482	50.49%
Sandwell	0	22,562	6,587	764,478	100,171	488,329	0	1,382,127	1,382,127	100.00%	0	0.00%
Walsall	0	63,659	0	331,400	106,847	325,760	330,885	1,158,551	827,666	71.44%	330,885	28.56%
Wton	0	20,117	1,318	38,590	14,585	84,872	0	159,482	159,482	100.00%	0	0.00%
BC Total	33,063	108,704	7,905	1,300,851	227,362	960,577	605,367	3,243,829	2,638,462	81.34%	605,367	18.66%

Sources: Environment Agency Regis Assisted Tonnage (RATS) Database 2006, Environment Agency Waste Data Interrogator 2007 - 2011, Environment Agency Operational Incinerators Data 2006 - 2011

Notes on Table 2:

- This table includes inputs into permitted commercial waste management facilities only - it does not include inputs into LACW facilities (Dudley - Lister Road EfW and Transfer, The Leys Transfer, Stourbridge HWRC; Sandwell - Taylors Lane and Jubilee Park Transfer, Shidas Lane HWRC, Walsall - Fryers Road Transfer and HWRC, Merchants Way HWRC; Wolverhampton - Crown Road EfW, Shaw Road and Anchor Lane HWRC, Hickman Ave Depot)
- Adjustments have also been made to data for Sandwell and Walsall for the years 2008 - 2011, as one ELV facility in Sandwell has been incorrectly listed as being in Walsall in the Waste Data Interrogator.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1a - Diversion of waste from landfill
b) % C&I (commercial and industrial) waste diversion

Table 3: Outputs from Permitted Commercial Waste Management Facilities in the Black Country 2008 - 2011 by Fate (Excluding Outputs from Operational Incinerators)

Calendar Year	Recycling	Incinerator	Reprocessing	Treatment	Transfer Station	Landfill	Total Outputs - Fate Known		Outputs where Fate Known - Fate Diversion (Recycling, Incinerator, Reprocessing)		Outputs where Fate Known - Fate Disposal (Landfill)		Fate Unknown		Total Outputs
							Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	
2008	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes
Dudley	72,973	12,784	76,913	2,827	2,961	31,595	200,053	79.24%	162,670	81.31%	31,595	15.79%	52,424	20.76%	252,477
Sandwell	218,319	15,538	7,837	5,160	454	303,268	550,576	42.75%	241,694	43.90%	303,268	55.08%	737,194	57.25%	1,287,770
Walsall	364,028	843	60,745	1,326	3,699	129,906	560,547	83.68%	425,616	75.93%	129,906	23.17%	109,305	16.32%	669,852
Wton	28,289	0	55,613	223,611	109,390	63,912	480,815	92.26%	83,902	17.45%	63,912	13.29%	40,311	7.74%	521,126
BC Total	683,609	29,165	201,108	232,924	116,504	528,681	1,791,991	65.61%	913,882	51.00%	528,681	29.50%	939,234	34.39%	2,731,225
2009	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes
Dudley	0	105	141,852	1,259	3,525	19,136	165,877	80.15%	141,957	85.58%	19,136	11.54%	41,071	19.85%	206,948
Sandwell	396	43,236	326,630	42,641	1,535	242,117	656,555	55.03%	370,262	56.39%	242,117	36.88%	536,627	44.97%	1,193,182
Walsall	271,416	1,099	200,185	5,436	4,459	107,536	590,131	80.44%	472,700	80.10%	107,536	18.22%	143,492	19.56%	733,623
Wton	152	8	41,392	4,385	337	26,747	73,021	53.53%	41,552	56.90%	26,747	36.63%	63,391	46.47%	136,412
BC Total	271,964	44,448	710,059	53,721	9,856	395,536	1,485,584	65.44%	1,026,471	69.10%	395,536	26.62%	784,581	34.56%	2,270,165
Calendar Year		Incinerator	Recovery	Treatment	Transfer Station	Landfill	Total Outputs - Fate Known		Outputs where Fate Known - Fate Diversion (Incinerator, Recovery)		Outputs where Fate Known - Fate Disposal (Landfill)		Fate Unknown		Total Outputs
							Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	
2010		Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes
Dudley		62	165,171	848	0	3,636	169,717	69.27%	165,233	97.36%	3,636	2.14%	75,287	30.73%	245,004
Sandwell		37,629	329,802	35,734	793	125,207	529,165	48.85%	367,431	69.44%	125,207	23.66%	554,184	51.15%	1,083,349
Walsall		2,191	471,310	6,578	3,514	97,143	580,736	77.39%	473,501	81.53%	97,143	16.73%	169,679	22.61%	750,415
Wton		136	16,610	2,719	251	2,654	22,370	17.75%	16,746	74.86%	2,654	11.86%	103,667	82.25%	126,037
BC Total		40,018	982,893	45,879	4,558	228,640	1,301,988	59.05%	1,022,911	78.57%	228,640	17.56%	902,817	40.95%	2,204,805
2011		Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes	% Total Outputs	Tonnes
Dudley		143	186,282	1,020	7,993	15,817	211,255	89.81%	186,425	88.25%	15,817	7.49%	23,958	10.19%	235,213
Sandwell		60,469	894,323	40,739	24,384	151,636	1,171,551	91.18%	954,792	81.50%	151,636	12.94%	113,304	8.82%	1,284,855
Walsall		4,031	511,753	6,314	83,952	130,923	736,973	91.50%	515,784	69.99%	130,923	17.76%	68,454	8.50%	805,427
Wton		2,752	313,821	1	21,708	19,863	358,145	90.08%	316,573	88.39%	19,863	5.55%	39,444	9.92%	397,589
BC Total		67,395	1,906,179	48,074	138,037	318,239	2,477,924	91.00%	1,973,574	79.65%	318,239	12.84%	245,160	9.00%	2,723,084

Source: Environment Agency Waste Data Interrogator 2008 - 2011

Notes on Table 3:

1. This table includes outputs from permitted commercial waste management facilities recorded in the Environment Agency Waste Data Interrogator only - it does not include outputs from LACW facilities (Dudley -Lister Road EfW and Transfer, The Leys Transfer, Stourbridge HWRC; Sandwell - Taylors Lane and Jubilee Park Transfer, Shidas Lane HWRC, Walsall - Fryers Road Transfer and HWRC, Merchants Way HWRC; Wolverhampton - Crown Road EfW, Shaw Road and Anchor Lane HWRC, Hickman Ave Depot) or from commercial Operational Incinerators as the Environment Agency has not published any data on outputs from incinerators.
2. Recording categories changed in 2010 - Recycling and Reprocessing is no longer recorded separately and outputs are included in a single Recovery category.
3. Adjustments have also been made to data for Sandwell and Walsall, as one ELV facility in Sandwell has been incorrectly listed as being in Walsall in the Waste Data Interrogator.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1a - Diversion of waste from landfill

b) % C&I (commercial and industrial)waste diversion

Table 4: Hazardous Waste Arisings in the Black Country 2006 - 2011 by Fate

Authority	Fate				Total Waste Managed	Diversion Rate (Fate Re-Use/ Recycling/ Recovery)	Disposal Rate
	Re-Use/ Recycling/ Recovery	Treatment	Disposal	Other			
2006							
Dudley	12,295	6,349	19,361	7	38,012	32.35%	50.93%
Sandwell	27,071	16,941	13,208	48	57,268	47.27%	23.06%
Walsall	34,235	7,142	4,990	0	46,367	73.83%	10.76%
Wolverhampton	23,522	11,748	14,659	0	49,929	47.11%	29.36%
Black Country Total	97,123	38,012	52,218	55	191,576	50.70%	27.26%
2007							
Dudley	13,705	6,938	13,737	40	34,420	39.82%	39.91%
Sandwell	25,343	12,292	10,508	55	48,198	52.58%	21.80%
Walsall	36,821	5,817	4,493	3	47,134	78.12%	9.53%
Wolverhampton	8,816	20,344	12,585	25	41,770	21.11%	30.13%
Black Country Total	84,685	45,391	41,323	123	171,522	49.37%	24.09%
2008							
Dudley	14,538	3,060	61,779	6	79,383	18.31%	77.82%
Sandwell	22,157	11,827	11,471	41	45,496	48.70%	25.21%
Walsall	42,368	5,790	4,660	1	52,819	80.21%	8.82%
Wolverhampton	7,914	24,537	11,040	0	43,491	18.20%	25.38%
Black Country Total	86,977	45,214	88,949	48	221,188	39.32%	40.21%
2009							
Dudley	12,792	1,577	8,983	2	23,354	54.77%	38.46%
Sandwell	36,376	10,092	6,778	93	53,339	68.20%	12.71%
Walsall	40,653	4,960	5,859	10	51,482	78.97%	11.38%
Wolverhampton	7,504	17,785	7,066	0	32,355	23.19%	21.84%
Black Country Total	97,325	34,414	28,686	105	160,530	60.63%	17.87%
2010							
Dudley	9,597	1,708	6,435	10	17,750	54.07%	36.25%
Sandwell	17,307	8,317	7,371	0	32,995	52.45%	22.34%
Walsall	40,610	4,581	8,051	115	53,357	76.11%	15.09%
Wolverhampton	6,437	18,034	7,136	0	31,607	20.37%	22.58%
Black Country Total	73,951	32,640	28,993	125	135,709	54.49%	21.36%
2011							
Dudley	9,797	4,789	3,576	0	18,162	53.94%	19.69%
Sandwell	19,330	10,156	8,222	48	37,756	51.20%	21.78%
Walsall	41,574	4,186	11,237	198	57,195	72.69%	19.65%
Wolverhampton	6,231	21,462	4,674	4	32,371	19.25%	14.44%
Black Country Total	76,932	40,593	27,709	250	145,484	52.88%	19.05%

Source: Environment Agency Hazardous Waste Interrogator 2006 - 2011

Notes on Table 4:

1. The table records details of how hazardous waste arising in the Black Country was managed. However, this waste was not necessarily managed in the Black Country, and information on origin and destination of waste suggests that much of it was deposited at facilities in WPA areas outside of the Black Country.
2. **Re-Use/ Recycling/ Recovery** is a sum of the following entries in the Environment Agency data tables: "Recycling/ Re-Use," "Incineration with Energy Recovery," "Transfer (Recovery)."
3. **Treatment** corresponds to the "Treatment" entry in the Environment Agency data tables.
4. **Disposal** is a sum of the following entries in the Environment Agency data tables: "Incineration without Energy Recovery," "Landfill," "Transfer (Disposal)."
5. **Other** is a sum of the following entries in the Environment Agency data tables: "Long-Term Storage," "Other Fate," "Rejected."

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1a - Diversion of waste from landfill
 b) % C&I (commercial and industrial) waste diversion

Table 5: National and Sub-National Trends in C&I Waste Management 1998/99 - 2009

Management Method	1998/99						2002/03						2009					
	England		Former West Midlands Region		Former West Midlands County		England		Former West Midlands Region		Former West Midlands County		England		Former West Midlands Region		Former West Midlands County	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
Land Disposal													11,279,650		1,202,158		Not known	
Land Disposal - Total	32,152,000	46.76%	3,205,000	42.41%	1,345,000	38.22%	27,718,000	40.82%	2,913,900	40.11%	1,427,500	45.36%	11,279,650	23.53%	1,202,158	22.91%	Not known	
Land Recovery													2,156,703		160,656		Not known	
Land Recovery - Total	1,450,000	2.11%	23,000	0.30%	0	0.00%	1,645,000	2.42%	79,600	1.10%	0	0.00%	2,156,703	4.50%	160,656	3.06%	Not known	
Thermal Treatment (EfW)													1,005,621		99,976		Not known	
Thermal Treatment													1,738,645		194,615		Not known	
Thermal Treatment - Total	1,499,000	2.18%	408,000	5.40%	307,000	8.72%	2,518,000	3.71%	233,600	3.22%	124,100	3.94%	2,744,266	5.73%	294,591	5.61%	Not known	
Non Thermal Treatment													2,321,383		287,229		Not known	
Transfer Station													841,091		93,834		Not known	
Treatment/ Transfer - Total	5,272,000	7.67%	843,000	11.15%	478,000	13.58%	4,011,000	5.91%	416,800	5.74%	218,000	6.93%	3,162,474	6.60%	381,063	7.26%	Not known	
Recycling													22,922,846		2,483,276		Not known	
Composting													705,540		81,627		Not known	
ReUse													1,329,358		173,712		Not known	
ReUse/ Recycle - Total	24,768,000	36.02%	2,686,000	35.54%	1,226,000	34.84%	28,640,000	42.18%	3,354,100	46.17%	1,254,300	39.86%	24,957,744	52.07%	2,738,615	52.19%	Not known	
Unknown													3,627,505		470,059		Not known	
Unknown/ Not Rec - Total	3,621,000	5.27%	392,000	5.19%	163,000	4.63%	3,377,000	4.97%	267,300	3.68%	111,000	3.53%	3,627,505	7.57%	470,059	8.96%	Not known	
Total	68,762,000	100.00%	7,558,000	100.00%	3,519,000	100.00%	67,907,000	100.00%	7,265,000	100.00%	3,147,000	100.00%	47,928,342	100.00%	5,247,042	100.00%	Not known	

Sources: Environment Agency 1998/99 and 2002/03 C&I Waste Survey Data, 2009 data from Survey of Commercial & Industrial Waste Arisings 2010 (2011), Jacobs for Defra

Notes on Table 5:

- Former West Midlands Region comprises the unitary authorities of Birmingham, Coventry, Dudley, Sandwell, Solihull, Walsall, Wolverhampton, Telford & Wrekin, Stoke-on-Trent, Herefordshire and Shropshire, and the Counties of Staffordshire, Warwickshire and Worcestershire.
- Former West Midlands County area comprises the unitary authorities of Birmingham, Coventry, Dudley, Sandwell, Solihull, Walsall and Wolverhampton.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1b - New Waste Management Capacity Approved/ Implemented as Specified in BCCS Policy WM1 (tonnes per annum) by 2026

Table 6: Waste Capacity Requirements Specified in BCCS Table 16 - Baseline Summary Table

Facility Type	Estimated Additional Capacity Required (TPA)	Estimated Facilities Required (number)
LACW Diversion		
Re-Use/ Recycling	124,000	2 or 3
Composting/ Organic Waste Treatment	84,000	2
Energy Recovery	95,000	1
Commercial Waste Diversion		
Non-metal waste Re-Use, Recycling, Treatment and Recovery	1,000,000	10 to 20
Construction, Demolition & Excavation Waste (CD&EW)/ Hazardous Waste Treatment		
Re-Use/ Recycling of Inert CD&EW	Not possible to quantify	>1
Contaminated Soil Storage, Treatment, Remediation	Not possible to quantify	Temporary "hub" sites as required
Transfer, Handling, Bulk Transport and Ancillary		
Civic Amenity Sites/ Household Waste Recycling Centres (HWRCs)	Dudley - 30,000	2
	Walsall - 10-15,000	
LACW Transfer Stations/ Environmental Depots	Dudley - <10,000	2
Commercial Waste Transfer Facilities	150,000	3 to 6
Final Disposal		
Non-hazardous Landfill	Total void space requirement = 1,169,000 tonnes/ 1,169,000 cubic metres	Depends on void space
Inert Landfill	Total void space = 1,825,000 tonnes/ 1,217,000 cubic metres	Depends on void space

Source: Black Country Authorities waste planning application monitoring.

Notes on Table 6:

1. Sub-headings and facility types in this table have been adjusted to more closely reflect BCCS targets and terminology used in CLG guidance on Waste Framework Directive issued in December 2012.
2. BCCS does not include any requirement for new metal recycling facilities (MRS) or general hazardous treatment capacity as there is a surplus of this type of capacity in the Black Country.
3. Estimates of landfill capacity requirements in tonnes have been added to the table.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1b - New Waste Management Capacity Approved/ Implemented as Specified in BCCS Policy WM1 (tonnes per annum) by 2026

Table 7: New Waste Management Capacity Implemented in the Black Country 2009/10 - 2011/12

Site Name/ Location	Authority	Operator	Application Ref	Facility Type	Waste Types	Waste Stream(s)	New Annual Throughput Capacity Gained (TPA)	New Landfill Voidspace Gained (cubic metres)	Year Implemented
SCA Recycling, Tasker Street, West Bromwich	Sandwell	DS Smith	11/54032	Waste Transfer (General) with Material Recovery	Mixed dry recyclable wastes, paper	C&I	Not known	0	2009/10
Former JB Patterns Ltd, Collier Close, Brownhills	Walsall	Envirosol Ltd	07/0136/WA/E9	Waste Transfer (Hazardous)	Drummed oily rags and liquid hazardous and non-hazardous wastes from industrial processes	C&I, Hazardous	50,000	0	2009/10
Former Hanson Aggregates Ltd, Leamore Lane, Bloxwich	Walsall	Viking Skips	08/1590/FL 09/0009/FL	Waste Transfer (General)	Wood, metal, soil, stone, brick etc.	C&I, CD&EW	25,000	0	2009/10
Empire Works, Stubbers Green Road, Aldridge	Walsall	Veolia Environmental Ltd	09/0030/FL	Waste Transfer (Hazardous)	Various hazardous wastes, including batteries, resins, containerised paints, asbestos and WEEE	Hazardous	40,000	0	2009/10
Crescent Works, Willenhall Road, Darlaston	Walsall	G & P Batteries Ltd	09/0800/FL	Hazardous Treatment	Batteries	Hazardous	No change to capacity	0	2009/10
Unit 1B, Gatehouse Trading Estate, Lichfield Road, Brownhills	Walsall	Watling Waste Services	09/0979/FL	Waste Transfer (Hazardous)	Bagged asbestos waste	Hazardous	3,650	0	2009/10
Timmins Waste Services, Mander Street, Wolverhampton	Wolverhampton	Timmins Waste Services Ltd	09/00226/FUL 09/00386/FUL	Waste Transfer (General) with Material Recovery/ Ancillary	Mainly building waste, e.g. soil, bricks, wood, paper and plastic	C&I, CD&EW	20,000	0	2009/10
P.W. Mills (Cradley) Ltd, Bassett Road, Cradley, Halesowen	Dudley	P. W. Mills (Cradley) Ltd	P09/0118	Waste Transfer (Hazardous)	Bagged asbestos waste	Hazardous	250	0	2010/11
Former Mason's Wood Yard, Land between Railway Lane and Rose Hill, Willenhall	Walsall	Triple R Solutions Ltd	10/0165/FL 10/0764/FL	Recycling	Redundant electric meters, other WEEE, redundant carpets, redundant electrical cables	C&I	25,000	0	2010/11
E L G Haniel Metals Ltd, Heath Road, Darlaston	Walsall	E L G Haniel Metals Ltd	10/0749/FL	Ancillary	N/A	C&I	No change to capacity	0	2010/11
Euro House, Perry Street, Darlaston	Walsall	B J D Recycling Ltd	10/1569/FL	Metal Recycling Site (MRS)	Scrap metals and scrap vehicles	C&I	5,000	0	2010/11
Wolverhampton 4x4, Dock Meadow Industrial Estate, Lanesfield Drive, Lanesfield	Wolverhampton	Wolverhampton 4x4	07/00310/FUL	Metal Recycling Site (MRS)	End of life vehicles (ELV)	C&I	Not known	0	2010/11
Land Adjacent New Bush House, Bridgnorth Road, Wolverhampton	Wolverhampton	Severn Trent Water	09/01226/FUL	Sewage Treatment Works	Sewage	Other	2,000	0	2010/11
Hickman Avenue Depot, Wolverhampton	Wolverhampton	Wolverhampton City Council	10/01128/DWF	Waste Transfer (General)	Food	LACW	6,000	0	2010/11
Crown Street Civic Amenity Site, Wolverhampton	Wolverhampton	Wolverhampton City Council	10/00860/DWF	Waste Transfer (General)	Mixed dry recyclable materials	LACW	14,000	0	2010/11
Land Situated Off Ettingshall, Road, Ettingshall, Wolverhampton	Wolverhampton	Not known	10/00599/FUL	Metal Recycling Site (MRS)	Metals	C&I	Not known	0	2010/11
Dudley MBC Recycling Depot - Former BT Depot, Blowers Green Road, Dudley	Dudley	Dudley MBC	P11/0118	Waste Transfer (General)	Glass, paper and cardboard, cans and foil, plastics, cartons	LACW	41,100	0	2011/12
Giffords Recycling, Kelvin Way, West Bromwich	Sandwell	Giffords Recycling Ltd	10/52828	Recycling	Nappy waste	C&I	36,000	0	2011/12
Walsall Council Environmental Depot - Former Wagon Automotive Site, Pelsall Road, Brownhills	Walsall	Walsall Council	10/0367/FL	Other	N/A - depot for storage of waste and street cleaning vehicles	LACW	0	0	2011/12

Former Green Biodiesel Ltd Site, Collier Close, Brownhills	Walsall	Envirosol Ltd	10/0672/WA	Hazardous Treatment	Drummed oily rags and liquid hazardous and non-hazardous wastes from industrial processes	C&I, Hazardous	50,000	0	2011/12
Willenhall Unsatisfactory Intermittent Discharge (UID) Project, Willenhall Sewage Works, Anson Road, Willenhall	Walsall	Severn Trent Water Ltd	10/1408/FL	Sewage Treatment Works	Waste water (storm water) storage	Other	20,000	0	2010/11
New Enterprise Centre, Monmore Road, Wolverhampton	Wolverhampton	Not known	09/00075/FUL	Metal Recycling Site (MRS)	End of life vehicles (ELV)	C&I	3,000	0	2011/12
Clearance Bed Warehouse, Unit 1, Ice House Industrial Estate, 148 Oxford Street, Bilston	Wolverhampton	Bilston Motor Works	11/00822/FUL	Metal Recycling Site (MRS)	End of life vehicles (ELV)	C&I	Not known	0	2011/12
Chillington Works, Hickman Avenue, Monmore Green	Wolverhampton	Jones Skips	11/00770/VC	Waste Transfer (General) with Material Recovery	Soil, crushed concrete, tarmacadam plainings, household, industrial and commercial inert and non-biodegradable wastes, wood, cardboard and paper	Mixed Wastes	40,000	0	2011/12
Stowheath Industrial Estate, Monmore Road, Wolverhampton	Wolverhampton	Not known	09/00098/FUL	Metal Recycling Site (MRS)	End of life vehicles (ELV)	C&I	Not known	0	2011/12
Recycled Plastics UK Ltd, Freeman Street, Wolverhampton, West Midlands	Wolverhampton	Recycled Plastics Ltd	11/00235/FUL	Recycling	Plastics	C&I	0	0	2011/12

Source: Black Country Authorities waste management development application monitoring

Notes on Table 7:

1. Facility Types relate to requirements identified in BCCS Table 16.
2. Crescent Works, Walsall - no net gain in capacity, rebuilding of part of premises following a fire in 2008.
3. E L G Haniel Metals, Walsall - no net gain in capacity, new storage building.
4. Crown Street in Wolverhampton - net gain in capacity is 14,000 TPA, existing capacity was 9,000 TPA making a total capacity of 22,000 TPA following upgrading.
5. Recycled Plastics in Wolverhampton - no net gain in capacity, extension to building to accommodate new plant and machinery.
6. Willenhall Unsatisfactory Intermittent Discharge (UID) Project, Walsall - comprises nine underground storm water storage tanks with storage capacity of around 20,000 cubic metres (equivalent to 20,000 TPA).

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

Local Output Indicator (LOI) WM1b - New Waste Management Capacity Approved/ Implemented as Specified in BCCS Policy WM1 (tonnes per annum) by 2026

Table 8: Waste Management Capacity Lost in the Black Country - Sites Closed 2009/10 - 2011/12

Site Name/ Location	Authority	Operator	Application Ref	Facility Type	Waste Types	Waste Stream(s)	Annual Throughput Capacity Lost (TPA)	Landfill Voidspace Lost (cubic metres)	Year Closed	Status @ 31.03.12
Former Vigo/ Utopia Landfill Site, Coppice Lane, Aldridge, Walsall (Strategic Site WSWa15)	Walsall	Cory Environmental Ltd	BC39489P	Non-hazardous landfill	Various non-hazardous waste residues	LACW, C&I, CD&EW	0	0	2010/11	Landfill permanently closed, restoration and landscaping underway.
Former North Walsall Depot, Norfolk Place, Walsall	Walsall	No operator	No recent history except for 09/0106/FL which related to modifications to depot	Offices/ Storage Depot	No wastes handled on site	N/A	0	0	2011/12	Closed following relocation of Council depot to new site in Brownhills. Permission for housing granted 2010/11 (10/0763/FL) and amendments (11/1364/FL) approved 2011/12.
Former Bace Groundworks Ltd, Coppice Lane, Aldridge (Strategic Site WSWa1)	Walsall	No operator	07/2477/FL/E6	Inert C&D Recycling	Inert materials (non biodegradable demolition and construction material)	CD&EW	74,950	0	2011/12	Closed towards the end of 2011, site being marketed @ 31.03.12.
Former Metal and Waste Recycling Ltd, Unit 2, Bull Lane, Wednesbury, Walsall (Strategic Site WSWa7)	Walsall	No operator	06/1305/WA/W4	Re-Use/ Recycling and Waste Transfer (General)	Packaging, WEEE, paper, plastics and cans.	LACW, C&I	64,200	0	2011/12	Closed towards the end of 2011, application for change of use to B2/ B8 use (12/0142/FL) approved 2012/13, still vacant and being marketed @ 31.03.12.
Former Veolia Offices, Lindon Road, Brownhills, Walsall	Walsall	No operator	BC60701P	Offices/ Storage Depot	No wastes handled on site	N/A	0	0	2011/12	Closed some time during 2011/12, Veolia offices now relocated to Kingswood Lakeside in Cannock, site still vacant and being marketed @ 31.03.12.

Source: Black Country Authorities waste management development application monitoring

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1b - New Waste Management Capacity Approved/ Implemented as Specified in BCCS Policy WM1 (tonnes per annum) by 2026

Table 9: Waste Capacity Requirements Specified in Table 16 - Summary of Changes 2009/10 - 2011/12 Impacting on Capacity Requirements

Waste Stream	Facility Type	New Projects Implemented	New Capacity Implemented (TPA or m ³ Void Space)	Number of New Sites Implemented/ Identified	Sites Closed	Capacity Lost (TPA)	Number of Sites Closed	Net Change to Black Country Waste Capacity (TPA)	Net Change to Number of Waste Facilities in the Black Country
LACW	Recycling	None	0	0	None	0	0	0	0
LACW	Composting/ AD	None	0	0	None	0	0	0	0
LACW	Energy Recovery/ Other Treatment	None	0	0	None	0	0	0	0
LACW	Civic Amenity Sites/ HWRCs	None	0	0	None	0	0	0	0
LACW	Transfer Stations/ Depots	Blowers Green Recycling Depot, Dudley	41,100	1	None	0	0	+41,100	+1
		Walsall Council Environmental Depot, Walsall	0	1	North Walsall Depot, Walsall	0	1	0	0
		Upgrading of Crown Street Recycling Depot, Wolverhampton	14,000	0	0	0	0	+14,000	0
		Upgrading of Hickman Avenue Depot, Wolverhampton	6,000	0	None	0	0	+6,000	0
C&I	Recycling	Expansion of Giffords Recycling, Sandwell	36,000	0	0	0	0	36,000	0
		Triple R Solutions, Walsall	25,000	1	Metal & Waste Recycling, Walsall	64,200	1	-39,200	0
C&I	Treatment	None	0	0	None	0	0	0	0
C&I	Recovery	None	0	0	None	0	0	0	0
C&I	Waste Transfer	SCA Recycling, Sandwell	Not known	1	None	0	0	Not known	+1
		Viking Skips, Walsall	25,000	1	None	0	0	+25,000	+1
		Expansion and Relocation of Jones Skips, Wolverhampton	40,000	0	Jones Skips have relocated onto a vacant "strategic site"	0	0	+40,000	0
		Timmins Waste Services, Wolverhampton	20,000	1		0	0	+20,000	+1

		Bescot Triangle Site, Walsall (omitted from BCCS)	-	1	Bace Groundworks, Walsall	-	1	-	0
CD&EW	CD&EW Recycling	None	-	0	Contraction of Demolition & Engineering Services, Wolverhampton	-	0	-	0
CD&EW/ Hazardous	Contaminated Soil Treatment	None	0	0	None	0	0	0	0
Landfill	Non-Hazardous Landfill	None	0	0	Vigo/ Utopia, Walsall	Inputs into non- hazardous sites 2009 – 2011 suggest void space has been depleted by around 0.8 million tonnes (around 0.8 million cubic metres) 2009/10 – 2011/12	1	Estimated remaining void space @ 31.03.12 is around 1.169 million tonnes (around the same in cubic metres)	-1
Landfill	Inert Landfill	None	0	0	None	Inputs into inert sites 2009 – 2011 suggest void space has been depleted by around 0.3 million tonnes (around 0.2 million cubic metres) 2009/10 – 2011/12	0	It is estimated that very little operational inert- only void space was remaining @ 31.03.12	0

Source: Black Country Authorities waste management development application monitoring, landfill depletion estimates based on data from Environment Agency Waste Data Interrogator 2009 – 2011.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1b - New Waste Management Capacity Approved/ Implemented as Specified in BCCS Policy WM1 (tonnes per annum) by 2026

Table 10: Other Waste Capacity Changes in the Black Country 2009/10 - 2011/12

Waste Stream	Facility Type	New Projects Implemented	New Capacity Implemented (TPA or m ³ Void Space)	Number of New Sites Implemented/ Identified	Sites Closed	Capacity Lost (TPA)	Number of Sites Closed	Net Change to Black Country Waste Capacity (TPA)	Net Change to Number of Waste Facilities in the Black Country
C&I	MRS	E L G Haniel Metals Ltd, Walsall	None - ancillary development only	0	None	0	0	0	0
		BJD Recycling, Darlaston, Walsall	5,000	1	None	0	0	+5,000	+1
	MRS - ELV	Wolverhampton 4x4, Wolverhampton	Not known	1	None	0	0	Not known	+1
		Land off Ettingshall Road, Wolverhampton	Not known	1	None	0	0	Not known	+1
		New Enterprise Centre, Wolverhampton	3,000	1	None	0	0	+3,000	+1
		Bilston Motor Works, Wolverhampton	Not known	1	None	0	0	Not known	+1
		Stowheath Industrial Estate, Wolverhampton	Not known	1	None	0	0	Not known	+1
Hazardous	Treatment	Envirosol, Brownhills, Walsall	50,000	0 (expansion of existing transfer facility - see below)	Re-occupation of former Green Biodiesel unit, closed in 2008	Loss of Green Biodiesel facility already recorded	Loss of Green Biodiesel facility already recorded	+50,000	0
	Transfer	Envirosol, Brownhills, Walsall	50,000	1	None	0	0	+50,000	+1
		P.W. Mills (Cradley) Asbestos Transfer Station, Dudley	250	1	None	0	0	+250	+1
		New Transfer Facility, Empire Works, Walsall	40,000	0	None	0	0	+40,000	0
		Watling Waste Services Asbestos Transfer Station, Walsall	3,650	1	None	0	0	+3,650	+1
Other	Sewage Treatment/ Storage	New Sewage Pumping Station, Bridgnorth Road, Wolverhampton	2,000	1	None	0	0	+2,000	+1
	Waste Water Treatment/ Storage	Willenhall UID, Willenhall Sewage Works, Walsall	20,000	0	None	0	0	+20,000	0

Source: Black Country Authorities waste management development application monitoring.

Table 11: Waste Capacity Requirements Specified in BCCS Table 16 - Net Changes 2009/10 - 2011/12

Facility Type	Annual Throughput Capacity - Net Change 2009/10 – 2011/12	Number of Facilities - Net Change 2009/10 – 2011/12	Updated Capacity Requirement @ 31.03.12	Updated Number of New Facilities Required @ 31.03.12	Commentary
LACW Diversion					
Re-Use/ Recycling	0	0	124,000	2 or 3	No new LACW material recovery/ recycling capacity implemented.
Composting/ Organic Waste Treatment	0	0	84,000	2	No new LACW composting/ organic waste treatment capacity implemented.
Energy Recovery	0	0	95,000	1	No new LACW energy recovery capacity implemented, no changes to existing energy from waste facilities in Dudley and Wolverhampton.
Commercial Waste Diversion					
Re-Use/ Recycling	-3,200	+1	1,003,200	10 to 20	One new facility implemented - Triple R Solutions (Walsall), capacity around 25,000 TPA. Expansion of Giffords Recycling (Sandwell - Strategic Site WSS9) has also provided new capacity of 36,000 TPA for recovery of nappy waste. One facility closed - Metal & Waste Recycling, previously Foreman Recycling (Walsall, Strategic Site WSWa7), which closed in 2010/11, resulting in loss of around 64,200 TPA capacity.
Composting/ Organic Waste Treatment	0	0			No new composting/ organic waste treatment facilities implemented.
Energy Recovery	0	0			No new energy recovery facilities implemented.
Construction, Demolition & Excavation Waste (CD&EW)/ Hazardous Waste Treatment					
Re-Use/ Recycling of Inert CD&EW	Not known	0	Not possible to quantify	>1	No new CD&EW recycling facilities implemented but one existing site identified which was omitted from BCCS in error (Bescot Triangle Site in Walsall). One site closed - Bace Groundworks (Walsall, Strategic Site WSWa1), which closed in 2010/11 but is still vacant and being marketed. Dismantling & Engineering Services (Wolverhampton) has also contracted and permissions have been granted for other uses on parts of the site.
Contaminated Soil Storage, Treatment, Remediation	0	0	Not possible to quantify	Temporary "hub" sites as required	No new contaminated soil treatment facilities implemented.
Transfer, Handling, Bulk Transport and Ancillary					
Civic Amenity Sites/ Household Waste Recycling Centres (HWRCs)	0	0	Dudley - 30,000	2	No new Civic Amenity Sites/ HWRCs implemented.
			Walsall - 10-15,000		
LACW Transfer Stations/ Environmental Depots	+61,100	+1	0	0	Two new facilities implemented - Blowers Green Recycling Depot (Dudley) and Walsall Council Environmental Depot - both represent implementation of proposals identified in BCCS Table 17. Walsall facility replaces pre-existing depot which is now vacant and has permission for redevelopment with housing, therefore only one facility (net) has been gained). Further increases in transfer capacity have also been achieved through expansion of Hickman Avenue Depot and Crown Street Recycling Centre in Wolverhampton (Strategic Sites WSWo3 and WSWo6).
Commercial Waste Transfer Facilities	+85,000	+3	65,000	1 to 3	Three new facilities implemented - SCA Recycling, now DS Smith (Sandwell), capacity not known, Viking Skips (Walsall) with a capacity of around 25,000 TPA, and Timmins Waste Services (Wolverhampton), with a capacity of around 20,000 TPA. New capacity also implemented through expansion and relocation of Jones Skips (Wolverhampton) which has relocated to a vacant Strategic Site (WSWo7 Old Chillington Works), giving estimated net gain in capacity of around 40,000 TPA. Some of these facilities are believed to have been developed in 2008/09 but were not recorded in BCCS waste capacity database.
Final Disposal					
Non-hazardous Landfill	Inputs 2009 – 2011 suggest void space depleted by around 0.8 million tonnes (around 0.8 million cubic metres) 2009/10 – 2011/12	-1	Remaining void space requirement = 1,169,000 tonnes/ 1,169,000 cubic metres	Depends on void space	No new non-hazardous landfill capacity implemented. One non-hazardous landfill facility (Vigo/Utopia in Walsall. Strategic Site WSWa15) closed during 2010/11.
Inert Landfill	Inputs 2009 – 2011 suggest void space depleted by around 0.3 million tonnes (around 0.2 million cubic metres) 2009/10 – 2011/12	0	Remaining void space requirement = 1,825,000 tonnes/ 1,217,000 cubic metres	Depends on void space	No new inert landfill capacity implemented. The only active inert landfill site is currently Branton Hill Quarry in Walsall (Strategic Site WSWa2).

Source: Black Country Authorities waste management development application monitoring.

Notes on Table 11:

1. Sub-headings and facility types in this table have been adjusted to more closely reflect BCCS targets and terminology used in CLG guidance on Waste Framework Directive issued in December 2012.
2. BCCS does not include any requirement for new metal recycling facilities (MRS) or general hazardous treatment capacity as there is a surplus of this type of capacity in the Black Country.
3. Estimates of landfill capacity requirements in tonnes have been added to the table.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1b - New Waste Management Capacity Approved/ Implemented as Specified in BCCS Policy WM1 (tonnes per annum) by 2026

Table 12: Other Waste Management Capacity Changes in the Black Country 2009/10 - 2011/12

Facility Type	Annual Throughput Capacity - Net Change 2009/10 – 2011/12	Number of Facilities - Net Change 2009/10 – 2011/12	Updated Capacity Requirement @ 31.03.12	Updated Number of New Facilities Required @ 31.03.12	Commentary
Commercial Waste Diversion					
Metal Recycling Facility (MRS)	+ >5,000	1	0	0	Implemented scheme is BJD Recycling in Walsall, estimated capacity of 5,000 TPA.
Metal Recycling Facility (ELV)	+ >3,000	5	0	0	Five new ELV sites implemented, all in Wolverhampton, capacity of only one is known, therefore total capacity of implemented ELV schemes is significantly higher than 3,000 TPA.
Hazardous Waste Management					
Hazardous Waste Treatment	+50,000 TPA	0	0	0	One new scheme implemented, EnviroSol in Walsall - implemented in two phases, firstly transfer facility with some recovery (see below), then expanded into adjacent unit to provide wider range of treatment, with estimated capacity of around 50,000 TPA (same as transfer facility).
Hazardous Waste Transfer	+93,900 TPA	1	0	0	Four new schemes implemented. EnviroSol (Walsall) completed in 2008/09 with estimated capacity of 50,000 TPA but omitted from BCCS waste capacity estimate @ April 2009 in error, facility has since been expanded into adjacent former Green Biodiesel unit to comprise treatment as well as transfer (see above). Other schemes implemented - new hazardous transfer facility at Empire Treatment Works (Walsall, Strategic Site WSWa6) with capacity of around 40,000 TPA in 2010/11, and two new asbestos transfer stations, Watling Waste Services (Walsall) completed in 2009/10 with capacity of 3,650 TPA and P W Mills (Dudley) completed in 2010/11 with capacity of 250 TPA.
Other Waste Management					
Sewage Treatment	+2,000 TPA	0	0	0	One new scheme implemented - new sewage pumping station in Wolverhampton with a capacity of around 2,000 TPA implemented 2010/11.
Waste Water Treatment/ Storage	+20,000 TPA	0	0	0	One new scheme implemented - Willenhall Unsatisfactory Intermittent Discharge (UID) Project - upgrading of Willenhall Sewage Works in Walsall with capacity of around 20,000 tonnes of waste water storage, completed in 2011/12.

Source: Black Country Authorities waste management development application monitoring.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

Table 13: LACW Arisings in the Black Country 2002/03 - 2011/12 by Authority - Comparison with BCCS Waste Projections (Atkins)

Authority	Total Arisings (tonnes)									
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12
Dudley - Actual LACW Arisings	143,571	141,626	144,860	139,672	143,883	146,729	146,186	144,582	133,742	131,881
Sandwell - Actual LACW Arisings	157,240	159,233	158,174	150,543	140,250	142,504	139,412	136,569	139,175	134,534
Walsall - Actual LACW Arisings	146,006	147,260	154,139	150,349	144,505	138,382	130,254	126,314	123,216	119,708
Wolverhampton - Actual LACW Arisings	160,093	156,422	155,800	152,021	146,807	142,417	136,790	134,470	129,578	126,692
BC - TOTAL ACTUAL LACW ARISINGS	606,910	604,541	612,973	592,585	575,445	570,032	552,641	541,935	525,711	512,815
BCCS Atkins LACW Projections - Black Country					575,000	584,000	592,000	601,000	609,836	612,653
BCCS Atkins LACW Projections - Walsall					144,505	146,485	148,492	150,526	152,588	153,153

Source: Waste Arisings data from Defra Local Authority Collected Waste Statistics 2002/03 - 2011/12, LACW Projections (Atkins Projections) from Appendix E, Black Country Waste Planning Study (2009), Atkins

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

Table 14: Hazardous Waste Arisings in the Black Country 2006 - 2010 - Trend Data and Comparison with BCCS Projections

Authority	Total Hazardous Waste Arisings (tonnes)					
	2006	2007	2008	2009	2010	2011
Dudley - Actual HW Arisings	38,012	34,420	79,383	23,354	17,750	18,162
Sandwell - Actual HW Arisings	57,268	48,198	45,496	53,339	32,995	37,756
Walsall - Actual HW Arisings	46,367	47,134	52,819	51,482	53,357	57,195
Wolverhampton - Actual HW Arisings	49,929	41,770	43,491	32,355	21,607	32,371
BC - TOTAL ACTUAL HW ARISINGS	191,576	171,522	221,188	160,530	135,709	145,484
Waste Arisings - Projections	(2006/07 Projection)	(2007/08 Projection)	(2008/09 Projection)	(2009/10 Projection)	(2010/11 Projection)	(2011/12 Projection)
BCCS Atkins HW Projections (Monitoring Years) - Black Country	191,522	192,116	192,711	193,289	193,869	199,976
BCCS Atkins HW Projections (Monitoring Years) - Walsall	46,366	46,510	46,654	46,794	46,934	48,413

Source: Waste Arisings data from Environment Agency Hazardous Waste Interrogator 2006 - 2011, Hazardous Waste Projections from Appendix E, Black Country Waste Planning Study (2009), Atkins

Notes on Table 14:

1. Actual arisings data is for calendar years (1 Jan - 31 Dec) whereas projections cover monitoring years (1 Apr - 31 Mar). Therefore, arisings data is presented alongside projection for nearest equivalent monitoring year (e.g. 2006 alongside 2006/07 projection).

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

Table 15: C&I Waste Arisings in the Former West Midlands County 1998/99 - 2006/07 - Trend Data

Survey/ Study Year	Industrial Waste	Commercial Waste	Total C&I Waste
1998/99	2.370	1.151	3.521
2002/03	1.711	1.436	3.147
2006/07	1.031	1.553	2.584

Sources: Strategic Waste Management Assessment (SWMA) 1998/99 (West Midlands Report, Tables 2.2 - 2.5), Commercial & Industrial Land Survey 2002/03 Data Tables for West Midlands Region, Unpublished WMRTAB C&I Arisings Estimates for former West Midlands County Authorities 2006/07 worked out using former West Midlands regional data and methodology in Study into Commercial & Industrial Waste Arisings (April 2009), ADAS for East of England Regional Assembly.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

Table 16: Estimated C&I Waste Arisings in the Black Country 2006/07 - Comparison of ADAS-Based Estimate for Black Country 2006/07 and Atkins BCCS Baseline Estimate 2006/07

Authority	Estimated C&I Waste Arisings 2006/07 - ADAS			Estimated C&I Waste Arisings 2006/07 - BCCS Baseline
	Industrial Waste	Commercial Waste	C&I Waste Total	
Dudley	120468	165241	285709	379000
Sandwell	219338	151383	370721	560000
Walsall	156838	130341	287179	381000
Wolverhampton	96983	128934	225917	312000
Black Country Total	593627	575899	1169526	1632000

Sources: BCCS Baseline from BCCS Appendix 6, Table WM1a. ADAS estimates from unpublished estimates produced by WMRTAB, using ADAS methodology. Industrial Waste = Food, Drink & Tobacco, Textiles/ Wood/ Paper/ Publishing, Power & Utilities, Chemical/ Non-Metallic/ Minerals, Metal Manufacturing and Machinery & equipment (other manufacturing) SIC Codes, Commercial Waste = Retail & Wholesale, Other Services and Public Sector SIC Codes.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

Table 17: Tonnes of Household and C&I Waste Deposited at Permitted Waste Facilities in the Black Country 2007 - 2011

Year	Annual Deposits of Household and C&I Waste by Authority (tonnes)				Black Country Total (tonnes)
	Dudley	Sandwell	Walsall	Wolverhampton	
2007	497852	924460	584246	297331	2303889
2008	473610	1130055	904626	253189	2761480
2009	389785	996597	831508	208741	2426631
2010	409389	876000	857576	188589	2331554
2011	372536	1061626	802057	216213	2452432

Source: Environment Agency Waste Data Interrogator and Operational Incinerators data 2007 - 2011

Notes on Table 17:

1. This includes all inputs whose Basic Waste Category is recorded as Household, Commercial & Industrial Waste in the Waste Data Interrogator.
2. It also includes all inputs into LACW energy from waste facilities included in the Operational Incinerators data published by the Environment Agency, as these waste inputs are known to have been collected from households and small businesses.
3. The data in the table includes inputs of all Household, Commercial & Industrial Waste into all permitted facilities in the Black Country recorded in the Waste Data Interrogator, including LACW transfer facilities and civic amenity sites.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

**Table 18: CD&EW Arisings in England and the Former West Midlands Region 2001 - 2008
- Trend Data**

Survey Year	Estimated CD&EW Arisings (million tonnes)	
	England	West Midlands Region
2001	88.890	8.630
2003	90.930	8.134
2005	89.300	9.840
2008	83.240	Not available

Sources: 2001: Survey of Arisings and Use of Construction and Demolition Waste in England and Wales 2001 (2002), Symonds / WRc for ODPM, Table 1, 2003: Survey of Arisings and Use of Construction, Demolition and Excavation Waste as Aggregate in England in 2003 (2004), Capita Symonds / WRc for ODPM, Tables 2 and A8.1, 2005: Survey of Arisings and Use of Alternatives to Primary Aggregates in England, 2005: Construction, Demolition and Excavation Waste (2007), Capita Symonds / WRc for CLG, Tables 7.1, A10.4 and A11.12, 2008: Construction, Demolition & Excavation Waste Arisings, Use and Disposal for England, 2008 (2011), Capita Symonds / Alfatek Redox (UK) Ltd for WRAP, Table 7.1.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM1c - % growth in tonnage of waste arising

Table 19: Tonnages of Inert C&D Waste Deposited at Permitted Waste Facilities in the Black Country 2007 - 2011

Year	Annual Deposits of Inert C&D Waste by Authority (tonnes)				Black Country Total (tonnes)
	Dudley	Sandwell	Walsall	Wolverhampton	
2007		371750	142649	102116	795352
2008	129273	283340	250827	59109	722549
2009	87345	249046	332296	51780	720467
2010	90489	214239	232651	61254	598633
2011	119482	265521	290754	29092	704849

Source: Environment Agency Waste Data Interrogator 2007 - 2011

Notes on Table 19:

1. This includes all inputs whose Basic Waste Category is recorded as Inert C&D Waste in the Waste Data Interrogator.
2. The data in the table includes inputs of Inert C&D Waste into all permitted facilities in the Black Country recorded in the Waste Data Interrogator, including LACW transfer facilities and civic amenity sites.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2 - % protection of capacity at existing/ proposed strategic waste management sites, by waste planning authority

Table 20: Number and Type of Black Country Strategic Waste Sites at BCCS Baseline Date (31.03.09)

Facility Type	Dudley	Sandwell	Walsall	W'ton	Black Country
LACW Sites					
EfW	1	0	0	1	2
Transfer/ Depot	1	1	1	2	8
HWRC	1	1	2	2	6
TOTAL LACW	2	2	2	5	11
Commercial (Merchant) Waste Sites					
MRS	2	3	2	1	7
Recycling	0	2	3	0	5
WEEE	1	0	1	0	2
Tyre	0	1	1	0	2
Transfer	3	1	3	2	9
TOTAL COMMERCIAL	6	7	8	3	24
CD&EW Sites					
Recycling	0	3	2	2	7
Contaminated Soil	1	0	0	0	1
Bulk Transport	0	2	0	0	2
TOTAL CD&EW	1	3	2	2	8
Hazardous Waste Sites					
Treatment	0	5	2	1	8
Transfer	0	2	0	0	2
TOTAL HAZARDOUS	0	5	2	1	8
Vacant Sites					
TOTAL VACANT	0	2	0	1	3
Landfill Sites					
Inert	0	0	1	0	1
Non-Haz	1	1	2	0	4
TOTAL LANDFILL	1	1	3	0	5
Total Number of Strategic Sites (All Types)					
TOTAL SITES	10	20	16	12	58

Source: BCCS Appendix 6, Tables WM2a - WM2d, Black Country Authorities Strategic Sites monitoring.

Notes on Table 20:

- The sum of the number of facilities by type is more than the sub-totals for each waste stream, and more than the total number of "strategic sites," because some sites contain more than one type of facility. For example, the Lister Road site in Dudley contains a LACW EfW facility and a LACW depot/ transfer facility, and Branton Hill Quarry in Walsall contains an inert landfill site and a CD&EW recycling facility.
- Commercial Waste Sites may handle waste from more than one waste stream – while the sites included in this category are believed to be handling mostly waste from businesses, many will also be handling some household waste and some CD&EW. Hazardous Waste Sites may also be handling some non-hazardous wastes.
- Facility types have been checked and updated and in some cases may differ from the types specified in BCCS Appendix 6. The facility types have also been refined to more closely align with the requirements of the Waste Framework Directive.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2 - % protection of capacity at existing/ proposed strategic waste management sites, by waste planning authority

Table 21: Update of Number and Type of Black Country Strategic Waste Sites @ 31.03.12

Facility Type	Dudley	Sandwell	Walsall	W'ton	Black Country
LACW Sites					
EfW	1	0	0	1	2
Transfer/ Depot	1	1	2	2	9
HWRC	1	1	2	2	6
TOTAL LACW	3	2	3	5	13
Commercial (Merchant) Waste Sites					
MRS	2	3	2	1	7
Recycling	0	2	2	0	5
WEEE	1	0	1	0	2
Tyre	0	1	1	0	2
Transfer	3	1	2	2	10
TOTAL COMMERCIAL	6	7	7	3	23
CD&EW Sites					
Recycling	0	3	2	2	7
Contaminated Soil	1	0	0	0	1
Bulk Transport	0	2	0	0	2
TOTAL CD&EW	1	3	2	2	8
Hazardous Waste Sites					
Treatment	0	5	3	1	8
Transfer	0	2	2	0	2
TOTAL HAZARDOUS	0	5	3	1	8
Vacant Sites					
TOTAL VACANT	0	2	2	0	4
Landfill Sites					
Inert	0	0	1	0	1
Non-Haz	1	1	1	0	4
TOTAL LANDFILL	1	1	2	0	5
Total Number of Strategic Sites (All Types)					
TOTAL SITES	11	20	18	13	61

Source: BCCS Appendix 6, Tables WM2a - WM2d, Black Country Authorities Strategic Sites monitoring.

Notes on Table 21:

1. The sum of the number of facilities by type is more than the sub-totals for each waste stream, and more than the total number of "strategic sites," because some sites contain more than one type of facility. For example, the Lister Road site in Dudley contains a LACW EfW facility and a LACW depot/ transfer facility, and Branton Hill Quarry in Walsall contains an inert landfill site and a CD&EW recycling facility.
2. Commercial Waste Sites may handle waste from more than one waste stream – while the sites included in this category are believed to be handling mostly waste from businesses, many will also be handling some household waste and some CD&EW. Hazardous Waste Sites may also be handling some non-hazardous wastes.
3. Facility types have been checked and updated and in some cases may differ from the types specified in BCCS Appendix 6. The facility types have also been refined to more closely align with the requirements of the Waste Framework Directive.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2 - % protection of capacity at existing/ proposed strategic waste management sites, by waste planning authority

Table 22: BCCS Strategic Sites - Net Change in Capacity 2009/10 - 2011/12

BCCS Site Ref	Authority	BCCS Growth Network Location	Site Name/ Location	Operator	Facility Type	Net Change in Capacity 2009/10 - 2011/12 (TPA)	Update @ 31.03.12
WSD1	Dudley	RC13	SIMS Metal Management, Basset Road, Halesowen	Sims Metal Management UK	Commercial (MRS)	No change	Former E Coley Steel, site acquired by Sims Metal Management UK in 2007/08.
WSD2	Dudley	RC10	Enviro-treat, LCP House, Pensnett Estate, Kingswinford	Enviro-treat Technologies Ltd	CD&EW (contaminated soil)	No change	Site is head office/ depot of company specialising in contaminated soil treatment but no treatment takes place on site. No changes reported.
WSD3	Dudley	RC16	Foxyards Depot, Bean Road, Tipton	Biffa Waste Services	Commercial (Transfer)	No change	No change reported.
WSD4	Dudley	RC11a	GM Industrial Services Ltd, Shaw Road, Dudley	GM Industrial Services Ltd	Commercial (Transfer)	No change	Permission granted for small office building, January 2011 (P10/1640).
WSD5	Dudley	RC10	Himley Quarry	Cory Environmental	Landfill (Non-Hazardous)	Estimated depletion rate factored into landfill capacity requirement	No change reported.
WSD6	Dudley	RC11a	Lister Road EfW	MES Environmental Ltd/ Dudley MBC	LACW (EfW Facility and Depot/ Bulking Facility)	Depot Facility relocated	Other than relocation of transfer facility, no change reported.
WSD7	Dudley	RC13	Midlands Recycling Hub, Rufford Street, Lye	Overton Recycling	Commercial (WEEE)	No change	Permission granted for weighbridge, November 2011 (P11/0883).
WSD8	Dudley	RC14	Mucklow Hill Transfer Station, Halesowen	Skipaway Waste Services Ltd	Commercial (Transfer)	No change	No change reported.
WSD9	Dudley	RC10	Shakespeares MRS, Oak Lane, Kingswinford	B Shakespeare & Company Ltd	Commercial (MRS)	No change	No change reported.
WSD10	Dudley	RC11b	Stourbridge HWRC	SITA/ Dudley MBC	LACW (HWRC)	No change	No change reported.
WSS1	Sandwell	Adj. RC7	Bescot Sidings, * Sandy Lane, Wednesbury	Network Rail/ DB Schenker	CD&EW (Inert C&D Waste Recycling and Bulk Transport – rail ballast)	No change	No change reported.
WSS2	Sandwell	Adj. RC7	Bescot Sidings, * Sandy Lane, Wednesbury	Tarmac Recycling Ltd	CD&EW (Inert C&D Waste Recycling and Bulk Transport)	No change	No change reported.
WSS3	Sandwell	RC8	Bagnall Street Transfer Station, Tipton	Biffa Waste Services	Commercial (Transfer)	No change	Permission granted for new plant to extract further material for recycling and recovery, July 2011 (11/53324).
WSS4	Sandwell	RC9	Union Road Industrial Estate, Oldbury	N/A	Vacant Site	No change	Former Black Country Environmental Services Site (hazardous treatment), no changes reported, site still vacant.
WSS5	Sandwell	RC12	Sims Metal Management, Rabone Lane, Smethwick	Sims Metal Management UK	Commercial (MRS & Transfer)	No change	Former Dunn Brothers, acquired by Sims Metal Management UK. No other changes reported.
WSS6	Sandwell	RC12	EMR Smethwick, * Downing Road, Smethwick	European Metal Recycling (EMR) Ltd	Commercial (MRS)	No change	No change reported.

WSS7	Sandwell	N/A	Edwin Richards Landfill Site, Portway Road, Rowley Regis	Waste Recycling Group (WRG) Ltd	Landfill (Inert and Non-Hazardous)	Estimated depletion rate factored into landfill capacity requirement	No change reported, but infilling appears to have stopped in 2010.
WSS8	Sandwell	RC12	Exchange Works, Kelvin Way, West Bromwich	Arrow Environmental Services Ltd	Hazardous (Treatment - oils, other drummed and packaged waste)	No change	No change reported.
WSS9	Sandwell	RC12	Giffords Recycling, Kelvin Way, West Bromwich	Giffords Recycling	Commercial (Recycling - waste wood and nappy waste)	+36,000 TPA (Re-Use/ Recycling of nappies - new waste stream)	Additional facility for recovery of nappy waste developed 2011/12, under permission granted February 2011 (10/52828).
WSS10	Sandwell	RC12	Vittoria Street, Smethwick	N/A	Vacant Site	No change	Former Glenside Recycling (CD&EW recycling) site, no changes reported, site still vacant.
WSS11	Sandwell	RC12	Haz Environmental, Bullock Street, West Bromwich	Haz Environmental	Hazardous (Treatment and Transfer - clinical waste, other drummed and packaged wastes)	No change	No change reported.
WSS12	Sandwell	RC13	Metal & Waste Recycling, Powke Lane, Cradley Heath	Metal & Waste Recycling Ltd	Commercial (MRS)	No change	No change reported.
WSS13	Sandwell	RC12	Robert Hopkins and Sons, Bullock Street, West Bromwich	Robert Hopkins Environmental Ltd	Hazardous (Treatment and Transfer - drummed and packaged waste)	No change	Permission granted to recover energy from oily rags May 2011 (10/52747), annual throughput 24,000 TPA, but not yet implemented @ 31.03.12.
WSS14	Sandwell	RC12	Shidas Lane HWRC, Oldbury	Gurney May/ Sandwell MBC	LACW (HWRC)	No change	No change reported.
WSS15	Sandwell	RC12	Taylor's Lane Transfer Station, Oldbury	Sandwell MBC	LACW (Transfer Station)	No change	No change reported.
WSS16	Sandwell	RC9	Tipton Recycling Facility, Coneygre Industrial Estate, Tipton	SITA	Commercial (Recycling - paper and card)	No change	No change reported.
WSS17	Sandwell	RC13	Victoria Works, Station Road, Cradley Heath	MTB (Midlands) Ltd	Hazardous (Treatment - chemicals, oils, contaminated soils)	No change	No change reported.
WS18	Sandwell	RC12	Waste Tyre Solutions, Springfield Industrial Estate, Oldbury	Credential Environmental Ltd	Commercial (Tyres - transfer)	No change	No change reported.
WS19	Sandwell	RC8	Wednesbury Asphalt Plant, Smith Road, Wednesbury	Midland Quarry Products (MQP)	CD&EW (Inert C&D Waste Recycling)	No change	No change reported.
WS20	Sandwell	RC8	Wednesbury Treatment Centre, Potters Lane, Wednesbury	Biffa Waste Services	Hazardous (Treatment - various liquid wastes)	No change	No change reported.
WSWa1	Walsall	Aldridge freestanding employment area	Former Bace Groundworks Site, Coppice Lane, Aldridge	N/A	Vacant Site	- 74,950 TPA (CD&EW Recycling)	Former CD&EW recycling facility, closed towards the end of 2011. No new planning applications submitted. Site vacant and being marketed @ 31.03.12, since re-occupied by Coppice Plant Hire.
WSWa2	Walsall	Outside Growth Network	Branton Hill Quarry, 30a Branton Hill Lane, Aldridge	Bliss Sand & Gravel Company Ltd	Landfill (Inert) and CD&EW (Inert C&D Waste Recycling)	Estimated depletion rate of landfill site factored into landfill capacity requirement	Current application 11/0943/FL for re-aligned new quarry access road on different alignment to that approved under 06/0169/OL/E4, and for relocation of the recycling area, which is currently operating under CLEUD approved in 2000 (BC61721P).

WSWa3	Walsall	RC5	Credential, Western Way, Moxley	Credential Environmental Ltd	Commercial (Tyres - treatment and transfer)	No change	No change reported.
WSWa4	Walsall	RC6	Crescent Works, Willenhall Lane, Darlaston	G & P Batteries	Hazardous (Treatment - batteries)	No change	Storage and processing unit damaged in a fire in 2008, facility continued to operate temporarily from adjacent units. Permission for rebuilding granted in October 2009 (09/0800/FL) and now completed.
WSWa5	Walsall	RC6	EMR Darlaston, * Bentley Road South, Darlaston	European Metal Recycling (EMR) Ltd	Commercial Treatment (MRS, ELV, fridge recycling plant)	No change	No change reported.
WSWa6	Walsall	Aldridge freestanding employment area	Empire Treatment Works, Stubbers Green Road, Aldridge	Veolia Environmental Services	Hazardous (Treatment and Transfer - oils, solvents, incinerator fly ash)	+ 40,000 TPA (Hazardous Transfer)	New transfer facility developed under permission 08/1459/FL granted in June 2009. This has increased transfer capacity and has consolidated transfer operations permitted previously under permission BA08622P.
WSWa7	Walsall	RC5	Former Metal & Waste Recycling Site, Unit 2, Bull Lane, Moxley	N/A	Vacant Site	- 64,200 (Commercial Transfer with Recovery)	Re-Use/ Recycling and Transfer facility closed in 2011. Capacity loss based on information provided with original application for facility (06/1305/WA/W4). Application for change of use to general industrial/ storage (Use Classes B2/ B8) received 2011/12 (12/0142/FL). Premises vacant and lease being marketed @ 31.03.12.
WSWa8	Walsall	RC7	Fryers Road Transfer Station and HWRC	Gurney May/ Walsall Council	LACW (Transfer Station and HWRC)	No change	No change reported.
WSWa9	Walsall	Aldridge freestanding employment area	Aldridge MRF, Westgate, Aldridge	Biffa Waste Services	Commercial (Recycling - co-mingled dry recyclable household wastes)	No change	Acquired by Biffa in 2010 when they took over Greenstar, who were the original operator.
WSWa10	Walsall	Outside Growth Network	Highfields South Quarry/ Landfill, Walsall Road, Shelfield	Cory Environmental	Landfill (Non-Hazardous)	Estimated depletion rate factored into landfill capacity requirement	Landfilling commenced in 2008, site operated concurrently with Vigo/Utopia until that site closed in 2010 (see below). Tank and pipework installed in 2010 (08/0322/WA), allowing leachate from the site to be treated at existing treatment plant at Vigo/ Utopia. Permission granted in 2011 for clay extraction of clay to continue to 30.10.13 (11/0953/FL). Landfill gas generation plant approved in 2010 (09/0798/DOC), revisions to plant (scaled down) submitted 2012/13 (12/0926/FL).
WSWa11	Walsall	RC6	Veolia Recycling, Hollands Industrial Park, Bentley Road South, Darlaston	Veolia Environmental Services	Commercial (Recycling - paper)	No change	Formerly Hollands Recycling, acquired by Veolia. Wood reclamation operation has closed but paper recycling plant still in operation.
WSWa12	Walsall	Aldridge freestanding employment area	Interserve, Brickyard Road, Aldridge	Interserve Project Services Ltd	Commercial (Transfer)	New C&I and CD&EW capacity (total of 75,000 TPA) under construction	New indoor recycling facility approved in 2010 and 2011 (09/1823/FL and 11/0493/FL), completed but not fully operational @ 31.03.12 - this has replaced previous C&I transfer facility (capacity of around 20,000 TPA) on a different site. New site is nearby, adjacent to former Bace Groundworks site (WSWa2). Press release suggests capacity may be higher than stated in planning application (around 200,000 - 250,000 TPA).
WSWa13	Walsall	RC7	Jute Works, Bridgeman Street, Pleck	Metal & Waste Recycling Ltd	Commercial Treatment (MRS)	No change	No change reported.
WSWa14	Walsall	Aldridge freestanding employment area	Merchants Way HWRC, Aldridge	Gurney May/ Walsall Council	LACW (HWRC)	No change	No change reported.
WSWa15	Walsall	Outside Growth Network	Vigo/Utopia Landfill Site, Coppice Lane, Walsall Wood	Cory Environmental	N/A - Closed	Closed – no void space remaining	Closed in August 2010, restoration phase completed by the end of 2011, final landscaping and aftercare nearing completion @ 31.03.12. Life of site had been extended by variation of conditions attached to original permission BC39489P (10/0165/FL), which allowed infilling with approved waste to continue until 30.09.10 and extended time allowed for restoration to 31.12.11.
WSWa16	Walsall	RC6	Willenhall Skips, Sharesacre Street, Willenhall	Willenhall Skips	Commercial (Transfer)	No change	No change reported.
WSWo1	Wolverhampton	RC4	Anchor Lane HWRC, Lanesfield	Enterprise Ltd/ Wolverhampton City Council	LACW (HWRC)	No change	No change reported.
WSWo2	Wolverhampton	RC6	SITA Wolverhampton, Neachells Lane, Willenhall	SITA UK Ltd	Commercial (Transfer)	No change	No change reported.

WSWo3	Wolverhampton	RC2	Crown Street EfW, Wolverhampton	MES Environmental Ltd/ Wolverhampton City Council	LACW (EfW Facility)	No change	New loading facility completed in 2011/12 (10/01296/FUL).
WSWo4	Wolverhampton	RC4	Dismantling & Engineering Services, Noose Lane, Willenhall	Dismantling and Engineering Services Ltd	CD&EW (Recycling)	Uncertain whether any capacity lost	Site has contracted - part is now in use as a car wash and as garages (for which permissions have been granted). It is unclear whether CD&EW is still being processed on the remaining part of the site although it still appears to have been occupied by Dismantling and Engineering Services @ 31.03.12
WSWo5	Wolverhampton	RC4	Ettingshall Asphalt Plant/ Tarmac Recycling, Millfields Road, Ettingshall	Tarmac Recycling Ltd/ Midland Quarry Products (MQP) Ltd	CD&EW (Recycling)	No change	No change reported.
WSWo6	Wolverhampton	RC4	Hickman Avenue Environmental Depot, Chillington Fields, Wolverhampton	Enterprise Ltd/ Wolverhampton City Council	LACW (Transfer Station/ Depot)	+6,000 (LACW Transfer)	Food waste transfer facility developed at the depot in 2010/11 (10/01128/DWF).
WSWo7	Wolverhampton	RC4	Old Chillington Works, Hickman Avenue, Wolverhampton	Jones Skips	Commercial (Transfer)	+50,000 (Commercial Transfer with Recovery)	AWM Recycling facility closed in 2008/09 but site re-occupied by Jones Skips in 2011/12, relocated from another (non strategic) site. Permission granted 2010/11 (11/00770/VC) for variation of condition on the original waste management permission (C/642/92), to allow more wastes to be treated on site, application indicated that capacity of new operation is around 50,000 TPA. Capacity lost due to closure of AWM and previous capacity of Jones Skips has been factored into BCCS Table 16 capacity requirements. Change represents net gain of around 40,000 TPA transfer capacity overall, but a net gain of 50,000 TPA capacity on "strategic sites."
WSWo8	Wolverhampton	RC4	Parkfield Works, Bilston Road, Wolverhampton	European Metal Recycling Ltd	Commercial (MRS)	No change	No change reported.
WSWo9	Wolverhampton	RC4	S & B Waste, Purbrook Road Ind Est, Hickman Avenue, Wolverhampton	S & B Waste Management and Recycling	Commercial (Transfer)	No change	Permission granted in 2011/12 (11/00530/FUL) for a gasification plant on site and for the retention of the transfer facility which would represent a gain in capacity if implemented.
WSWo10	Wolverhampton	RC2	Shaw Road HWRC, Bushbury	Enterprise Ltd/ Wolverhampton City Council	LACW (HWRC)	No change	No change reported.
WSWo11	Wolverhampton	RC4	Bilston Waste Oil Reprocessing Site, Withy Road Industrial Estate, Bilston	Valgrove Ltd	Hazardous (Treatment - oils, sludges)	No change	No change reported.
WSWo12	Wolverhampton	RC2	Crown Street Recycling Station, Wolverhampton	Enterprise Ltd/ Wolverhampton City Council	LACW (Transfer Station)	+14,000 (LACW Transfer)	Permission granted in 2010/11 (10/00860/DWF) for the permanent use of the transfer station site as a waste transfer facility, as it had been operating under temporary permissions for 10 years, and to increase capacity to 22,000 TPA. Previous capacity was estimated to be 9,000 TPA therefore net increase is 14,000 TPA.

Source: Black Country Authorities waste management development application monitoring.

* Indicates existing or potential rail-linked site.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2 - % protection of capacity at existing/ proposed strategic waste management sites, by waste planning authority

Table 23: New Strategic Sites Implemented 2009/10 - 2011/12 - Net Gain in Capacity

BCCS Site Ref	Authority	BCCS Growth Network Location	Site Name	Operator	Facility Type	Estimated Capacity (TPA)	Description of Facility
N/A	Dudley	RC11a	Blowers Green Recycling Depot	Dudley MBC	LACW Transfer	41,100 (LACW Transfer Station/ Depot)	New Dudley MBC waste depot completed 2011/12, in accordance with planning permission P11/0118. Implementation of Dudley MBC Depot proposal identified in BCCS Table 17 (Policy WM3).
N/A	Walsall	RC7	Bescot Triangle Site	DSM Demolition	CD&EW Recycling	56,000 (CD&EW Recycling)	CD&EW recycling facility omitted from BCCS in error. Site has valid planning permission for CD&EW recycling granted in 1992 (BC34476P), and is still in use but does not always operate continuously. Annual throughput capacity is rough estimate based on information provided with the application, concerning hours and days of operation, frequency of freight trips and capacity of vehicles, which may be out-of-date.
N/A	Walsall	RC15	Envirosol	Envirosol (Environmental Resource Group)	Hazardous Treatment and Transfer	50,000 (Hazardous Treatment and Transfer)	New hazardous waste transfer and treatment facility developed in two phases between 2008/09 and 2011/12. First phase involved hazardous waste transfer facility with limited treatment (07/0136/WA/E9), followed by expansion into adjacent former Green Biodiesel unit (10/0672/WA), to include wider range of treatments. Most of the throughput is oily rags, plus around 10% liquid wastes, mostly hazardous only by virtue of their acidity or alkalinity.
N/A	Walsall	RC15	Walsall Council Environmental Depot	Walsall Council	LACW Depot	N/A	New Walsall Council environmental depot completed 2011/12, in accordance with planning permission 10/0367/FL. Implementation of Walsall Council Depot proposal identified in BCCS Table 17 (Policy WM3). Extension to depot was approved in 2011/12 and was underway @ 31.03.12 (11/1412/FL). The new depot has replaced the former North Walsall Depot at Norfolk Place (off Green Lane), which which now has planning permission for housing.
N/A	Wolverhampton	RC4	Timmins Waste Services	Timmins Waste Services Ltd	Commercial Transfer with Recovery	20,000 (Commercial Transfer)	New waste transfer station with material recovery implemented 2008/09 in accordance with permissions 09/00226/FUL and 09/00386/FUL.

Source: Black Country Authorities waste management development application monitoring.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2 - % protection of capacity at existing/ proposed strategic waste management sites, by waste planning authority

Table 24: Summary of Net Change in Capacity at Black Country Strategic Sites 2009/10 - 2011/12

Capacity Change	Dudley	Sandwell	Walsall	W'ton	Black Country
Capacity Gained (TPA)	41,100	36,000	146,000	90,000	+313,100
Capacity Lost (TPA)	0	0	139,150	0	-139,150
Net Change in Capacity (TPA)	+41,100	+36,000	+6,850	+90,000	+173,950

Source: Black Country Authorities Strategic Sites monitoring.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2 - % protection of capacity at existing/ proposed strategic waste management sites, by waste planning authority

Table 25: Waste Inputs at Permitted BCCS Strategic Sites as a Proportion of Total Waste Inputs into Permitted Sites 2007 - 2011 by Authority

Calendar Year/ Authority	Total Waste Inputs – All Permitted Facilities (tonnes)	Waste Inputs - Strategic Sites Only (tonnes)	% Inputs into Strategic Sites
2007			
Dudley	717,100	554,600	77.34%
Sandwell	1,584,200	995,300	62.83%
Walsall	909,100	828,900	91.18%
Wolverhampton	431,800	289,900	67.14%
Black Country	3,642,200	2,668,700	73.27%
2008			
Dudley	629,900	535,200	84.97%
Sandwell	1,516,300	1,350,400	89.06%
Walsall	1,299,400	1,066,200	82.05%
Wolverhampton	341,900	209,200	61.19%
Black Country	3,787,500	3,161,000	83.46%
2009			
Dudley	512,800	439,200	85.65%
Sandwell	1,365,700	1,197,000	87.65%
Walsall	1,310,900	1,184,000	90.32%
Wolverhampton	287,000	194,300	67.70%
Black Country	3,476,400	3,014,500	86.71%
2010			
Dudley	519,700	380,700	73.25%
Sandwell	1,185,100	946,800	79.89%
Walsall	1,220,800	1,129,500	92.52%
Wolverhampton	263,300	160,300	60.88%
Black Country	3,188,900	2,617,300	82.08%
2011			
Dudley	638,400	486,700	76.24%
Sandwell	1,404,500	1,015,300	72.29%
Walsall	1,224,500	1,040,900	85.01%
Wolverhampton	286,700	174,700	60.93%
Black Country	3,554,100	2,717,600	76.46%

Sources: Environment Agency Waste Data Interrogator and Operational Incinerators Data 2007 - 2011

Notes on Table 25:

1. Input figures have all been rounded to the nearest 100 tonnes.
2. Total inputs include inputs into permitted sites of all facility types, including landfill sites, MRS, treatment sites, transfer sites and incinerators.
3. Inputs into "strategic sites" include inputs into permitted "strategic sites" only - we have no information about inputs into sites not permitted by the Environment Agency.
4. Inputs into "strategic sites" include inputs into new "strategic sites" implemented 2009/10 - 2011/12, as and when they came forward.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM2b - % of applications affecting existing waste management sites that comply with BCCS Policy WM2

Table 26: Planning Permissions for Development At Existing Waste Sites Granted 2009/10 - 2011/12 - Compliance with Policy WM2

Authority	Approved Applications at Existing Waste Sites - All	Approved Applications at Strategic Sites	% of Approved Applications At Strategic Sites	Approved Applications at Existing Waste Sites Compliant with Policy WM2	% of Approved Schemes at Existing Waste Sites Compliant with Policy WM2
Dudley	1	0	0.0%	1	100.0%
Sandwell	5	3	60.0%	5	100.0%
Walsall	11	5	45.5%	11	100.0%
Wolverhampton	9	5	55.6%	9	100.0%
BLACK COUNTRY	26	13	50.0%	26	100.0%

Source: Black Country Authorities waste management development application monitoring

Notes on Table 26:

1. The only permissions granted for non-waste management development at existing waste sites recorded 2009/10 - 2011/12 were two applications for housing development at the former North Walsall Depot. This facility has relocated and the old site was allocated for housing in the Walsall UDP. The proposal is considered compliant with BCCS Policy WM2 as it does not result in the loss of any waste capacity or the loss of any key waste infrastructure.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3a - % and capacity of strategic waste management infrastructure proposals in Table 17 implemented by 2026, by authority

Table 27: BCCS Proposed Locations for New Strategic Waste Management Infrastructure - Progress on Implementation 2009/10 - 2011/12

BCCS Ref	Site/ Location	Authority	Facility Type	Estimated Annual Throughput Capacity (TPA)	Timescale for Delivery	Progress @ 31.03.12
WP1	Aldridge Quarry, Birch Lane, Aldridge	Walsall	Landfill (Inert)	Total voidspace: around 500,000 cubic metres/ 765,000 tonnes	By 2026	Details of restoration scheme in accordance with permission BC61247P approved by Council in 2003. Sand and gravel extraction ceased in 2008, restoration scheme still not started.
N/A	Dudley Borough	Dudley	LACW (Satellite Depot/ Bulking Facility)	10,000	2015/16	Permission granted for new facility (P11/0118), new Blowers Green Recycling Centre implemented 2011/11. Transfer and bulking capacity is higher than envisaged in BCCS (41,100 TPA).
N/A	Dudley Borough - north	Dudley	LACW (Additional HWRC)	30,000	2020/21	No progress.
WP2	Former Gulf Oil Depot, Union Road, Smethwick	Sandwell	Commercial (Unspecified Treatment)	190,000	Around 2014/15	Site has been identified as having potential for a new recycling facility in the Sandwell Site Allocations and Delivery DPD (Site E9.1), which is expected to be adopted early in 2013. No other progress.
WP3	Former Trident Alloys Site, Fryers Road, Bloxwich	Walsall	Commercial (Resource Recovery Park - Re-Use/ Recycling (MRF) and Energy Recovery (CHP))	240,000	2010/11 - 2011/12	Permission granted for units to comprise MRF (07/0449/OL/W7, 07/1691/RM/W7 and 08/1815/RM) and for CHP plant (08/1459/FL). Permissions granted to extend life of permissions until 2014 (10/1632/TE and 11/1336/TE), still not implemented.
WP4	Oak Farm Clay Pit and Environs	Dudley	Landfill (Non-Hazardous), Commercial (Unspecified Treatment - potential)	Total capacity to be confirmed	By 2026	Clay pit has been mothballed following closure of Sedgley brickworks. It still contains significant permitted reserves of clay, and its future is uncertain.
WP5	Pikehelve Eco-Park, Hill Top, Wednesbury	Sandwell	LACW (Resource Recovery Park - Re-Use/ Recycling (MRF), Composting (IVC), Recovery (MBT) - potential)	200,000	By 2014/15	Final scheme does not include any re-use/ recycling/ recovery capacity and comprises a waste transfer/ bulking facility (capacity 200,000 TPA) with ancillary staff offices, to be developed by a consortium (led by Serco) appointed by Sandwell MBC to manage its waste. Permission for new facility granted (11/53005), and under construction @ 31.03.12, due to be completed by end of 2012. Former Eagle Industrial Estate has also been designated as a waste transfer proposal in the Sandwell Site Allocations and Delivery DPD, which is expected to be adopted early in 2013.
WP6	Sandown Quarry, Stubbers Green Road, Aldridge	Walsall	Landfill (Non-Hazardous)	Total voidspace: around 3,000,000 cubic metres/ similar tonnage capacity	Post 2012/13	Permission granted for extraction of clay from "The Causeway" within the quarry (09/1686/FL and 09/1730/MI), which is now underway - this has increased the amount of permitted reserve within the quarry and has extended its life. Latest working plan suggests that restoration is unlikely to commence until towards the end of the plan period. Schedule of conditions relating to Sandown Quarry (BC51997P) may allow for alternative restoration methods so it is possible that it may not come forward as a landfill.
WP7	SITA Transfer Station, Neachells Lane, Willenhall	Wolverhampton	Commercial (Expansion of Existing Facility, various options)	Up to 60,000	Post 2016	No progress.
N/A	Walsall Borough	Walsall	LACW (Replacment Environmental Depot)	N/A	2015/16	Implemented. Permission for new depot granted at former Wagon Automotive site in Brownhills (10/0367/FL), new Walsall Council Environmental Depot implemented in May 2011. Approval granted for an extension to the depot in 2011/12 (11/1412/FL) and this was under construction in March 2012. The former North Walsall Depot site is now vacant and has planning permission for housing development.
N/A	Walsall Borough - Darlaston/ Willenhall	Walsall	LACW (Additional HWRC)	10 - 15,000	To be confirmed	No progress.

Source: Black Country Authorities waste management development application monitoring

Notes on Table 27:

1. Details of waste streams have been omitted, as Commercial Waste Sites may handle waste from more than one waste stream. While the sites included in this category are expected to be handling mostly waste from businesses, many will also be handling some household waste and some CD&EW.
2. Facility types specified above differ slightly from those specified in BCCS Table 17, as they have been refined to more closely align with the requirements of the Waste Framework Directive.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 28: BCCS Residual Waste Management Requirements 2009/10 - 2025/25 (at BCCS Baseline Date 31.03.09) - BCCS Table 18

Authority	LACW Diversion Capacity (TPA)	Commercial Non-Metal Waste Diversion Capacity (TPA)	CD&EW Recycling Capacity (TPA)	Hazardous Waste Treatment (TPA)	Commercial Transfer Capacity (TPA)
Dudley	To be determined through LACW Strategies. Possible need for material recovery facilities and organic/ composting facilities	125,000	Unable to quantify at present	Temporary "hub" sites for managing contaminated soils in appropriate locations in the growth network as appropriate	35,000
Sandwell		160,000	Unable to quantify at present		50,000
Walsall		110,000	Unable to quantify at present		35,000
Wolverhampton		115,000	Unable to quantify at present except replacement of 1 facility to be lost		35,000
Black Country Total	74,000 (Material Recovery) and 54,000 (Organic/ Composting)	510,000	At least 1 CD&EW recycling facility/ urban quarry	See above	155,000

Source: BCCS Policy WM3, Table 18

Notes on Table 28:

1. General categories have been adjusted to more closely reflect requirements in BCCS Table 16 and guidance on compliance with the Waste Framework Directive.
2. LACW Diversion capacity includes capacity for Re-Use/ Recycling, Composting, and Recovery of LACW.
3. Commercial Non-Metal Waste Diversion capacity includes capacity for Re-Use/ Recycling, Composting, and Recovery of waste from businesses, but excludes metal recycling capacity (MRS) and hazardous waste treatment capacity as there is already sufficient capacity of this type in the Black Country.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 29: BCCS Residual Requirements for LACW Diversion (Re-Use, Recycling and Recovery) - Update @ 31.03.12

Authority	BCCS Overall Requirement (BCCS Table 16)	Capacity Lost 2009/10 - 2011/12 (TPA)	Capacity Gained 2009/10 - 2011/12 (TPA)	Revised Residual Capacity Requirement 2012/13 - 2025/26 (TPA)	Comments
Dudley	N/A	0	0	To be determined through MWMS	No requirements identified to date.
Sandwell	N/A	0	Four Ashes – 50,000 TPA energy recovery capacity under construction	To be determined through MWMS	New energy recovery capacity for Sandwell (up to 50,000 TPA) is being delivered at a site in Staffordshire (Four Ashes). No other requirements identified to date.
Walsall	N/A	0	Four Ashes – 60,000 TPA energy recovery capacity under construction	To be determined through MWMS	New energy recovery capacity for Walsall (up to 60,000 TPA) is being delivered at a site in Staffordshire (Four Ashes). No other requirements identified to date.
Wolverhampton	N/A	0	0	To be determined through MWMS	No requirements identified to date.
BLACK COUNTRY	124,000 TPA (re-use/recycling), 84,000 TPA (organic/composting), and 95,000 TPA (energy recovery), TOTAL = 303,000 TPA	50,000 TPA (Pikehelve MRF) 30,000 TPA (Pikehelve IVC) 120,000 TPA (Pikehelve MBT)	Four Ashes – 110,000 TPA energy recovery capacity under construction	124,000 TPA (re-use/recycling) and 84,000 TPA (organic/composting), TOTAL = 208,000 TPA	No proposals have been identified to develop new infrastructure for re-use, recycling or recovery of LACW in the Black Country. Capacity of Pikehelve Eco-Park proposal – which no longer includes any re-use, recycling, composting or recovery capacity – has been included as a loss of proposed capacity. However, even when this is factored in there is still no residual requirement for energy recovery, as the Four Ashes proposal will provide sufficient capacity to meet total LACW energy recovery requirements identified in BCCS Table 16 (95,000 TPA).

Source: BCCS Policy WM3, Table 18, Tables 4.7 and 4.8, Black Country Waste Planning Study (2009), Atkins, Black Country Authorities waste management development application monitoring.

Notes on Table 29:

- All figures are rounded to the nearest 1,000 TPA.
- Capacity Lost is capacity of Pikehelve Eco-Park (Proposal WP5 of BCCS Table 17), which it was assumed would provide 200,000 TPA of re-use, recycling and recovery capacity split as indicated in the table.
- LACW capacity requirement @ 31.03.12 only relates to re-use, recycling and composting, as Four Ashes proposal provides sufficient capacity to meet total LACW energy recovery requirements identified in BCCS Table 16 (95,000 TPA).

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 30: BCCS Residual Requirements for C&I Diversion (Re-Use, Recycling and Recovery, excluding MRS and Hazardous Treatment) - Update @ 31.03.12

Authority	BCCS Residual Requirement (TPA)	Capacity Lost 2009/10 - 2011/12 (TPA)	Capacity Gained 2009/10 - 2011/12 (TPA)	Revised Residual Capacity Requirement 2012/13 - 2025/26 (TPA)	Comments
Dudley	125,000	0	0	125,000	No change.
Sandwell	160,000	0	36,000	124,000	Capacity gained at Giffords Recycling (Strategic Site WSS9) which has expanded therefore Sandwell's residual capacity requirement has decreased.
Walsall	110,000	64,200	25,000	149,200	Capacity lost due to closure of Metal & Waste Recycling (Strategic Site WSW7) in 2011. Partly offset by capacity gained at new Triple R Solutions facility in Willenhall. Net loss in capacity means that Walsall's residual capacity requirement has increased.
Wolverhampton	115,000	0	0	115,000	No change.
BLACK COUNTRY	510,000	64,200	61,000	513,200	No significant change to Black Country's residual capacity requirements for C&I waste re-use, recycling and recovery, although there has been an increase in Walsall's residual requirement due to the closure of a facility.

Source: BCCS Policy WM3, Table 18, Black Country Authorities waste management development application monitoring.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 31: Combined BCCS Residual Requirements for LACW and C&I Waste Diversion (Re-Use, Recycling and Recovery) @ 31.03.12

Authority	BCCS C&I Residual Requirement (Table 18) (TPA)	Revised C&I Residual Capacity Requirement @ 31.03.12 (TPA)	Remaining LACW Residual Requirement @ 31.03.12 (TPA)	Combined LACW and C&I Waste Residual Capacity Requirement 2012/13 - 2025/26 (TPA)
Dudley	125,000	125,000	49,900	174,900
Sandwell	160,000	124,000	64,500	188,500
Walsall	110,000	149,200	45,800	195,000
Wolverhampton	115,000	115,000	47,800	162,800
BLACK COUNTRY	510,000	513,200	208,000	721,200

Source: BCCS Policy WM3, Table 18 and Black Country Authorities waste management development monitoring.

Notes on Table 31:

- All figures are rounded to the nearest 1,000 TPA.
- Residual LACW capacity (208,000 TPA) includes capacity of Pikehelve Eco-Park which was originally proposed to provide 200,000 TPA of re-use, recycling and recovery capacity.
- Residual LACW capacity only relates to re-use, recycling and composting, as Four Ashes provides sufficient capacity to meet total LACW energy recovery requirements identified in BCCS Table 16.
- The total combined LACW and C&I waste management requirements have been apportioned in the same way as the C&I requirements in BCCS Table 18, in the following proportions: Dudley 24%, Sandwell 31%, Walsall 22% and Wolverhampton 23%.
- The apportionments are based on the amount of retained employment land each authority is likely to have by 2026, as employment land is likely to provide most opportunities for this type of infrastructure.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 32: BCCS Residual Requirements for CD&EW Recycling and Contaminated Soil Treatment - Update @ 31.03.12

Authority	Residual Requirement (TPA)	Facilities Closed 2009/10 - 2011/12	New Facilities Developed/ Identified 2009/10 - 2011/12	Revised Residual Capacity Requirement 2012/13 - 2025/26 (TPA)	Comments
Dudley	Unable to quantify need for CD&EW recycling. Potential need for temporary "hub" sites for contaminated soil treatment.	0	0	To be determined by Dudley MBC	No additional requirements identified by Dudley MBC. There is a CD&EW recycling proposal in the pipeline at Ketley Quarry - application submitted in 2010/11 (P11/1144).
Sandwell	Unable to quantify need for CD&EW recycling. Potential need for temporary "hub" sites for contaminated soil treatment.	0	0	To be determined by Sandwell MBC	No additional requirements identified by Sandwell MBC and no new sites have been identified in Site Allocations and Delivery DPD or come forward as planning applications. Former Glenside Recycling site at Vittoria Street, Smethwick (Strategic Site WSS10) was still vacant at the end of March 2012 but remains available for re-use by another operator.
Walsall	Unable to quantify need for CD&EW recycling. Potential need for temporary "hub" sites for contaminated soil treatment.	1	1	To be determined by Walsall Council	No additional requirements identified by Walsall Council but need will be considered through Site Allocations DPD. Bace Groundworks site in Aldridge (Strategic Site WSWa1) closed in 2011 but site is still vacant and was being marketed @ 31.03.12. This loss has been offset by identification of a site omitted from the BCCS in error (Bescot Triangle Site) and by the new Interserve recycling facility which was nearing completion on an adjacent site at the end of March 2012. Two-thirds of the inputs into the Interserve facility will be CD&EW, around 50,000 TPA, according to application.
Wolverhampton	Replacement for one CD&EW recycling facility "at risk." Potential need for temporary "hub" sites for contaminated soil treatment.	0	0	To be determined by Wolverhampton City Council	No additional requirements identified by Wolverhampton City Council, and no new sites have come forward. Site identified as being "at risk" during BCCS preparation is still operating. Dismantling and Engineering Services (Strategic Site WSWo4) has contracted in size and other uses have been implemented on parts of the site.
BLACK COUNTRY	0	1	1	At least 1 additional CD&EW recycling facility, plus temporary "hub" sites for contaminated soil treatment as required.	The two CD&EW recycling sites that are closed in Sandwell and Walsall are still vacant and available for CD&EW recycling use as is part of the site that has contracted in Wolverhampton. Closures have been largely offset by an existing facility identified which was omitted from the BCCS in error, and by new CD&EW recycling facilities in the pipeline in Dudley and Walsall. No proposals for contaminated soil treatment have come forward.

Source: BCCS Policy WM3, Table 18, Black Country Authorities waste management development application monitoring.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 33: BCCS Residual Requirements for Commercial (Non-Hazardous) Waste Transfer Capacity - Update @ 31.03.12

Authority	Residual Requirement (TPA)	Capacity Lost 2009/10 - 2011/12 (TPA)	Capacity Gained 2009/10 - 2011/12 (TPA)	Revised Residual Capacity Requirement 2012/13 - 2025/26 (TPA)	Comments
Dudley	35,000	0	0	35,000	No Change
Sandwell	50,000	0	New SCA Recycling site (capacity not known)	<50,000	New capacity developed is at SCA Recycling in West Bromwich, but annual throughput capacity is not known. Sandwell's residual requirement must have reduced as a result of this but it is not clear by how much.
Walsall	35,000	0	25,000	10,000	New facility developed is Viking Skips in Leamore with capacity of around 25,000 TPA. As a result of this development Walsall's residual commercial waste transfer capacity has reduced to around 10,000 TPA.
Wolverhampton	35,000	0	60,000	-25,000	New facility developed at Timmins Waste Services in 2008/09, and existing Jones Skips facility has expanded and relocated to the Old Chillington Works site (Strategic Site WSWo7). Total net gain in transfer capacity from these schemes is estimated to be around 60,000 TPA, taking into account previous capacity of Jones Skips. As a result of these developments Wolverhampton currently has no residual requirement for commercial waste transfer capacity.
BLACK COUNTRY	155,000	0	85,000	<70,000	Residual requirements are to offset capacity likely to be lost at facilities at "high risk." Three new facilities have been developed recently, one existing facility has expanded and relocated, and none have been lost, meaning that overall residual requirement for commercial waste transfer capacity has reduced significantly.

Source: BCCS Policy WM3, Table 18, Black Country Authorities waste management development application monitoring.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM3b - % and capacity of new waste management facilities contributing towards the residual requirements in Table 18 implemented by 2026, by waste stream and by authority

Table 34: BCCS Residual Waste Management Requirements 2012/13 - 2025/25 - Update of BCCS Table 18 @ 31.03.12

Authority	LACW Diversion Capacity (TPA)	Commercial Non-Metal Waste Diversion Capacity (TPA)	CD&EW Recycling Capacity (TPA)	Hazardous Waste Treatment (TPA)	Commercial Transfer Capacity (TPA)
Dudley	To be determined through LACW Strategies. Possible need for material recovery facilities and organic/ composting facilities	125,000	Unable to quantify at present	Temporary "hub" sites for managing contaminated soils in appropriate locations in the growth network as appropriate	35,000
Sandwell		124,000	Unable to quantify at present		<50,000
Walsall		149,200	Unable to quantify at present		10,000
Wolverhampton		115,000	Unable to quantify at present except replacement of 1 facility to be lost		-25,000
Black Country Total	124,000 TPA (re-use/ recycling) and 84,000 TPA (organic/ composting), TOTAL = 208,000 TPA	513,200	At least 1 CD&EW recycling facility/ urban quarry	See above	<70,000

Source: BCCS Policy WM3, Table 18

Notes on Table 34:

1. General categories have been adjusted to more closely reflect requirements in BCCS Table 16 and guidance on compliance with the Waste Framework Directive
2. LACW Diversion capacity includes capacity for Re-Use/ Recycling, Composting, and Recovery of LACW.
3. Commercial Non-Metal Waste Diversion capacity includes capacity for Re-Use/ Recycling, Composting, and Recovery of waste from businesses, but excludes metal recycling capacity (MRS) and hazardous waste treatment capacity as there is already sufficient capacity of this type in the Black Country.
4. LACW Diversion capacity requirement has increased, as Pikehelve Eco-Park proposal (WP5) is no longer providing any Re-Use/ Recycling, Composting and Recovery capacity, so the outstanding requirements from BCCS Table 16 have been added.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM4 - % of new waste management facilities proposed/ implemented that meet Policy WM4 locational requirements, by waste planning authority

Table 35: Planning Permissions for Waste Management Development Granted 2009/10 - 2011/12 by Location/ Number Compliant with Policy WM4 Locational Guidance

Authority	Permissions Granted 2009/10						Permissions Granted 2010/11						Permissions Granted 2011/12					
	Permissions Granted - All	At Existing Waste Site	BCCS Growth Network	BCCS Freestanding Employment Area	Other Location	Compliant with Policy WM4 Locational Guidance	Permissions Granted - All	At Existing Waste Site	BCCS Growth Network	BCCS Freestanding Employment Area	Other Location	Compliant with Policy WM4 Locational Guidance	Permissions Granted - All	At Existing Waste Site	BCCS Growth Network	BCCS Freestanding Employment Area	Other Location	Compliant with Policy WM4 Locational Guidance
Dudley	1	1	1	0	0	1	1	0	1	0	0	1	2	0	2	0	0	2
Sandwell	0	0	0	0	0	0	1	1	1	0	1	7	4	7	0	0	7	
Walsall	5	2	3	1	1	3	10	5	7	0	3	10	7	2	5	1	1	6
Wolverhampton	2	1	1	0	1	2	7	5	7	0	0	7	5	3	4	0	1	4
BLACK COUNTRY	8	4	5	1	2	6	19	11	16	0	3	19	21	9	18	1	2	19

Source: Black Country Authorities waste management development application monitoring

Notes on Table 35:

1. Permissions include discharge of conditions attached to previous permissions.
2. Existing Sites include vacant sites last used for waste management use.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM4 - % of new waste management facilities proposed/ implemented that meet Policy WM4 locational requirements, by waste planning authority

Table 36: Summary of Planning Permissions for Waste Management Development Granted 2009/10 - 2011/12 - Alignment with BCCS Spatial Strategy and Compliance with Policy WM4

Authority	Waste Management Development Permissions Granted - All	Proposals At Existing Sites	% of Approved Schemes at Existing Waste Sites	Proposals within BCCS Growth Network	% of Approved Schemes in BCCS Growth Network	Proposals Compliant with Policy WM4 Locational Guidance	% of Approved Schemes Compliant with Policy WM4 Locational Guidance
Dudley	4	1	25.0%	4	100.0%	4	100.0%
Sandwell	8	5	62.5%	8	100.0%	8	100.0%
Walsall	22	9	40.9%	15	68.2%	19	86.4%
Wolverhampton	14	9	64.3%	12	85.7%	13	92.9%
BLACK COUNTRY	48	24	50.0%	39	81.3%	44	91.6%

Source: Black Country Authorities waste management development application monitoring

Notes on Table 36:

1. Includes proposals for waste management development only - excludes proposals for non-waste management development at existing waste sites - see LOIWM2 for details of these.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM5a - % of major planning applications granted to include supporting information on waste management to address WM5 requirements

No information available as most authorities do not have electronic planning application systems capable of capturing this information.

LOI WM5b - NEW INDICATOR - number of fly-tipping incidents reported annually, and number/ percentage of reported incidents annually involving Household Waste, Commercial Waste and Construction, Demolition and Excavation Waste, by authority.

Table 37: Net Change in Number of Fly Tipping Incidents Reported in the Black Country 2004/05 - 2011/12

Monitoring Year	Dudley	Sandwell	Walsall	Wolverhampton	Black Country
2004/05	1268	8047	284	1932	11531
2005/06	1117	11162	966	3482	16727
2006/07	1157	9925	1499	4934	17515
2007/08	1024	4373	1422	3806	10625
2008/09	930	4179	1097	4769	10975
2009/10	822	3327	1567	5507	11223
2010/11	817	2820	1940	3669	9246
2011/12	745	2028	1995	2587	7355

Source: Fly-tipping incidents and actions reported by local authorities 2004/05 - 2011/12, Defra, from Flycapture database.

Black Country Core Strategy Monitoring 2012 - Waste Data Tables

LOI WM5a - % of major planning applications granted to include supporting information on waste management to address WM5 requirements

No information available as most authorities do not have electronic planning application systems capable of capturing this information.

LOI WM5b - NEW INDICATOR - number of fly-tipping incidents reported annually, and number/ percentage of reported incidents annually involving Household Waste, Commercial Waste and Construction, Demolition and Excavation Waste, by authority.

Table 38: Fly Tipping Incidents Reported in the Black Country in 2011/12 by Waste Stream

Authority	Total Number of Incidents Reported	Household Waste Incidents		Commercial Waste Incidents		Construction, Demolition & Excavation Waste Incidents	
	Number	Number	% of Total Incidents	Number	% of Total Incidents	Number	% of Total Incidents
Dudley	745	470	63.09%	95	12.75%	34	4.56%
Sandwell	2028	1509	74.41%	82	4.04%	147	7.25%
Walsall	1995	1223	61.30%	97	4.86%	157	7.87%
Wolverhampton	2587	1869	72.25%	152	5.88%	208	8.04%
BLACK COUNTRY	7355	5071	68.95%	426	5.79%	546	7.42%

Source: Fly-tipping incidents and actions reported by local authorities in 2011-12, Defra, from Flycapture database.

Notes on Table 38:

1. Household Waste Incidents is sum of Flycapture categories: Household Waste (Black Bags) and Household Waste (Other)
2. Commercial Waste Incidents is sum of Flycapture categories: Commercial Waste (Black Bags) and Commercial Waste (Other)
3. Construction, Demolition and Excavation Waste is Flycapture category: Construction, Demolition, Excavation