

AFFORDABILITY SUMMARY

COMPARISON OF BUDGETS AGAINST COSTS

Year Ending	Mar-07	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14	Mar-15	Mar-16	Mar-17	Mar-18	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24	Mar-25	Mar-26	Mar-27
Period no	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Discount factor	100.00%	100.00%	94.26%	88.85%	83.75%	78.95%	74.42%	70.15%	66.12%	62.33%	58.75%	55.36%	52.20%	49.21%	46.36%	43.72%	41.21%	38.85%	36.62%	34.52%	32.54%

REVENUE RESOURCES																					
Residual Waste Element Budgets																					
COVENTRY	0	5,671,244	5,883,288	6,030,370	6,181,129	6,335,658	6,494,049	6,656,400	6,822,810	6,993,381	7,168,215	7,347,421	7,531,106	7,719,384	7,912,368	8,110,178	8,312,932	8,520,755	8,733,774	8,951,119	9,175,921
SOLIHULL	0	0	2,721,329	2,784,362	2,848,971	2,915,195	2,983,075	3,052,622	3,123,968	3,197,067	3,271,994	3,348,794	3,427,514	3,508,207	3,590,907	3,675,679	3,762,571	3,851,636	3,942,927	4,036,500	4,132,412
WARWICKSHIRE	0	0	9,271,720	9,503,513	9,741,101	9,984,628	10,234,244	10,490,100	10,752,353	11,021,161	11,296,691	11,579,108	11,868,585	12,165,300	12,469,434	12,781,168	13,100,698	13,428,215	13,763,920	14,108,018	14,460,719
TOTAL	0	5,671,244	17,876,337	18,318,245	18,771,201	19,035,481	19,511,368	19,999,153	20,499,131	21,011,610	21,536,900	22,075,322	22,627,205	23,192,886	23,772,708	24,367,025	24,976,201	25,600,606	26,240,621	26,896,637	27,569,053

NPV @ Discount Rate 6.0875%

COVENTRY	0	5,671,244	5,545,694	5,358,158	5,176,965	5,001,898	4,832,752	4,669,325	4,511,426	4,358,865	4,211,464	4,069,047	3,931,447	3,798,499	3,670,048	3,545,940	3,426,029	3,310,173	3,198,234	3,090,082	2,985,586
SOLIHULL	0	0	2,565,174	2,473,986	2,386,137	2,302,602	2,221,113	2,141,676	2,064,290	1,988,955	1,914,664	1,842,426	1,772,240	1,702,006	1,632,724	1,564,394	1,496,916	1,430,291	1,364,520	1,300,604	1,238,544
WARWICKSHIRE	0	0	8,739,691	8,444,146	8,158,595	7,882,701	7,616,136	7,358,886	7,109,744	6,869,318	6,637,023	6,412,582	6,195,732	5,986,214	5,784,192	5,589,195	5,399,223	5,216,640	5,040,933	4,869,798	4,705,110
TOTAL	0	5,671,244	16,850,559	16,276,291	15,721,697	15,028,201	14,520,001	14,028,987	13,554,576	13,096,209	12,653,342	12,225,451	11,812,030	11,412,590	11,026,657	10,653,775	10,293,502	9,945,413	9,609,094	9,284,149	8,970,192

COSTS																					
(Do Minimum)																					

NOMINAL																					
COVENTRY	4,386,108	4,677,620	5,285,466	5,528,180	5,723,108	4,805,647	4,288,862	4,240,329	5,805,357	5,681,644	5,757,179	5,830,039	5,753,717	5,937,520	14,472,243	28,214,867	28,804,200	29,648,130	30,517,176	31,412,194	32,478,216
SOLIHULL	523,823	2,446,822	2,527,966	2,555,314	2,486,527	2,353,367	2,167,977	2,287,111	3,371,681	3,302,099	3,404,939	3,531,101	3,514,939	3,621,699	7,412,688	7,826,329	8,103,291	8,493,299	8,897,152	9,315,319	9,748,280
WARWICKSHIRE	6,981,124	7,482,910	8,937,827	10,377,627	11,960,885	14,185,125	16,611,499	18,315,128	17,883,615	18,430,121	18,915,044	19,354,635	19,540,916	20,065,650	19,362,483	19,850,571	20,271,510	20,780,840	21,302,885	21,837,963	22,386,402
TOTAL	11,891,055	14,607,352	16,751,259	18,461,122	20,170,520	21,344,138	23,068,338	24,842,567	27,060,653	27,413,864	28,077,162	28,715,775	28,809,572	29,624,868	41,247,413	55,891,766	57,179,090	58,922,269	60,717,214	62,565,476	64,612,898

Shortfall / (Surplus)																					
COVENTRY	4,386,108	(993,624)	(597,822)	(500,190)	(458,021)	(1,530,011)	(2,205,187)	(2,416,072)	(1,017,453)	(1,311,737)	(1,411,036)	(1,517,382)	(1,777,389)	(1,781,864)	6,559,874	20,104,689	20,491,358	21,127,375	21,783,402	22,460,076	23,302,294
SOLIHULL	523,823	2,446,822	(193,363)	(229,048)	(362,444)	(181,829)	(615,098)	(447,712)	305,031	332,945	382,307	387,425	313,497	4,021,781	4,350,650	4,540,719	4,841,663	5,154,226	5,478,819	5,815,868	6,174,815
WARWICKSHIRE	6,981,124	7,482,910	(333,893)	874,114	2,219,785	4,200,496	6,377,255	7,825,028	7,131,262	7,408,960	7,618,353	7,775,527	7,672,331	7,900,349	6,893,051	7,069,402	7,170,812	7,352,625	7,538,964	7,729,945	7,925,683
TOTAL	11,891,055	8,936,108	(1,125,078)	142,876	1,399,319	2,308,657	3,556,970	4,843,415	6,561,521	6,402,254	6,540,262	6,640,453	6,182,366	6,431,982	17,474,706	31,524,741	32,202,889	33,321,663	34,476,592	35,668,839	37,043,845

NPV @ Discount Rate 6.0875%

COVENTRY	4,386,108	4,677,620	4,982,176	4,911,948	4,793,352	3,793,980	3,191,692	2,974,502	3,838,658	3,541,280	3,382,453	3,228,712	3,003,600	2,921,692	6,712,759	12,336,132	11,871,181	11,517,809	11,175,133	10,842,824	10,527,496
SOLIHULL	523,823	2,446,822	2,382,906	2,270,471	1,879,944	1,638,369	1,604,360	2,229,446	2,058,147	2,000,487	1,955,546	1,834,896	1,782,140	3,438,277	3,421,835	3,339,629	3,299,506	3,258,062	3,215,451	3,171,815	3,131,815
WARWICKSHIRE	6,981,124	7,482,910	8,424,958	9,220,822	10,017,761	11,158,924	12,261,972	12,847,679	11,825,127	11,487,208	11,112,951	10,718,718	10,200,901	9,873,762	8,981,032	8,679,086	8,354,546	8,073,013	7,800,937	7,538,002	7,283,904
TOTAL	11,891,055	14,607,352	15,790,040	16,403,240	16,893,688	16,850,848	17,167,033	17,426,541	17,893,231	17,086,635	16,495,872	15,902,975	15,039,397	14,577,594	19,132,068	24,437,053	23,565,356	22,890,328	22,234,132	21,596,277	21,023,215

(Residual Waste Element)																					
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NOMINAL																					
COVENTRY	0	0	0	0	0	26,000	26,000	26,000	26,000	11,297,527	11,391,112	11,593,345	11,626,871	11,990,315	12,392,169	12,660,842	13,109,900	13,576,336	14,060,806	14,563,990	14,975,014
SOLIHULL	0	0	200,000	200,000	200,000	26,000	26,000	26,000	26,000	5,501,738	5,788,768	5,990,644	6,038,201	6,248,892	6,456,040	6,628,647	6,889,149	7,161,113	7,444,985	7,741,226	7,968,415
WARWICKSHIRE	0	0	0	0	0	26,000	26,000	26,000	26,000	18,342,244	14,474,985	14,972,950	13,243,993	13,625,900	14,098,942	14,327,972	14,844,561	15,385,837	15,946,589	16,529,636	17,056,559
TOTAL	0	0	200,000	200,000	200,000	78,000	78,000	78,000	78,000	35,341,509	31,654,865	32,556,938	30,909,065	31,865,108	32,947,151	33,617,461	34,845,610	36,123,286	37,452,380	38,834,852	39,999,989

Shortfall / (Surplus)																					
COVENTRY	0	(5,671,244)	(5,883,288)	(6,030,370)	(6,181,129)	(6,309,658)	(6,468,049)	(6,630,400)	(6,796,810)	4,304,146	4,222,897	4,245,924	4,095,765	4,270,932	4,479,800	4,550,665	4,796,968	5,055,581	5,327,032	5,611,871	5,799,093
SOLIHULL	0	0	(2,521,329)	(2,584,362)	(2,648,971)	(2,689,195)	(2,757,075)	(2,826,652)	(2,897,968)	2,504,071	2,716,774	2,841,850	2,810,687	2,940,690	3,085,133	3,152,968	3,326,577	3,509,477	3,702,059	3,904,726	4,036,003
WARWICKSHIRE	0	0	(9,271,720)	(9,503,513)	(9,741,101)	(9,984,628)	(10,238,244)	(10,494,100)	(10,756,353)	7,521,083	3,378,295	3,393,942	1,375,407	1,460,600	1,929,500	1,546,803	1,745,864	1,957,022	2,182,668	2,421,618	2,959,846
TOTAL	0	(5,671,244)	(17,676,337)	(18,118,245)	(18,571,201)	(18,957,481)	(19,433,368)	(19,921,153)	(20,421,131)	14,329,900	10,117,965	10,481,615	8,281,859	8,672,222	9,174,443	9,250,436	9,869,409	10,522,680	11,211,759	11,938,215	12,430,936

NPV @ Discount Rate 6.0875%

COVENTRY	0	0	0	0	0	20,527	19,349	18,238	17,192	7,041,572	6,992,487	6,420,467	6,069,550	5,900,109	5,747,844	5,515,586	5,403,015	5,274,182	5,148,949	5,027,181	4,872,447
SOLIHULL	0	0	188,524	177,706	167,509	20,527	19,349	18,238	17,192	3,429,148	3,401,012	3,317,656	3,152,109	3,074,910	2,994,549	2,898,184	2,839,241	2,781,974	2,726,291	2,672,107	2,592,698
WARWICKSHIRE	0	0	0	0	0	20,527	19,349	18,238	17,192	11,557,092	8,504,332	8,292,113	6,913,732	6,704,936	6,539,608	6,264,490	6,118,749	5,977,143	5,839,506	5,705,680	5,549,723
TOTAL	0	0	188,524	177,706	167,509	61,580	58,046	54,715	51,576	22,027,813	18,597,841	18,030,235	16,135,391	15,679,955	15,282,101	14,698,259	14,361,005	14,033,300	13,714,746	13,404,968	13,014,868

AFFORDABILITY SUMMARY

COMPARISON OF BUDGETS AGAINST COSTS

Period no	Year Ending	Mar-28	Mar-29	Mar-30	Mar-31	Mar-32	Mar-33	Mar-34	Mar-35	Mar-36	Mar-37	Mar-38	Mar-39	Mar-40	Mar-41	Mar-42	Mar-43	Mar-44	Mar-45	Mar-46	Mar-47	Mar-48	Mar-49	Mar-50
		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Year		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Discount factor		30.67%	28.91%	27.25%	25.69%	24.21%	22.82%	21.51%	20.28%	19.12%	18.02%	16.90%	16.01%	15.09%	14.33%	13.61%	12.94%	11.91%	11.23%	10.59%	9.98%	9.41%	8.87%	8.36%

REVENUE RESOURCES																								
Residual Waste Element Budgets																								
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
COVENTRY	238,878,246	9,405,320	9,640,453	9,881,464	10,128,500	10,381,713	10,641,256	10,907,287	11,179,969	11,459,469	11,745,955	12,039,604	12,340,594	12,649,109	0	0	0	0	0	0	0	0	0	0
SOLIHULL	102,373,123	4,030,723	4,131,491	4,234,778	4,340,647	4,449,164	4,560,393	4,674,402	4,791,262	4,911,044	5,033,820	5,159,666	5,288,657	5,420,874	5,556,396	5,695,305	5,837,688	0	0	0	0	0	0	0
WARWICKSHIRE	376,458,232	14,822,437	15,192,793	15,572,613	15,961,828	16,360,976	16,770,001	17,189,251	17,618,982	18,059,456	18,510,943	18,973,716	19,448,059	19,934,261	20,432,617	20,943,433	0	0	0	0	0	0	0	0
TOTAL	717,709,601	28,258,279	28,964,736	29,888,854	30,431,076	31,191,853	31,971,649	32,770,940	33,590,214	34,429,969	35,290,718	36,172,986	37,077,311	38,004,244	25,989,013	26,638,738	5,837,688	0	0	0	0	0	0	0

NPV @ Discount Rate 6.0875%

COVENTRY	74,355,126	2,884,624	2,787,077	2,692,828	2,601,766	2,513,783	2,428,776	2,346,644	2,267,289	2,190,617	2,116,538	2,044,964	1,975,811	1,908,996	0	0	0	0	0	0	0	0	0	0
SOLIHULL	31,865,466	1,236,228	1,194,423	1,154,032	1,115,007	1,077,301	1,040,873	1,005,672	971,664	938,887	907,659	876,385	846,749	818,115	790,449	763,719	737,893	0	0	0	0	0	0	0
WARWICKSHIRE	117,179,358	4,546,000	4,392,271	4,243,740	4,100,232	3,961,577	3,827,810	3,698,374	3,573,115	3,452,285	3,335,941	3,222,745	3,113,763	3,008,467	2,906,731	2,808,436	0	0	0	0	0	0	0	0
TOTAL	223,399,950	8,666,852	8,373,771	8,090,600	7,817,004	7,552,661	7,297,257	7,050,490	6,812,068	6,581,708	6,359,138	6,144,095	5,936,323	5,735,578	3,697,181	3,572,155	737,893	0	0	0	0	0	0	0

COSTS

(Do Minimum)

NOMINAL

COVENTRY	758,371,385	33,570,082	34,564,306	35,734,422	36,942,738	38,190,475	39,478,894	40,809,293	42,183,015	43,420,980	44,800,988	46,388,485	48,130,442	49,552,052	5,039,418	5,080,264	5,121,265	5,162,425	0	0	0	0	0	0
SOLIHULL	251,015,027	10,196,536	10,660,600	11,141,007	11,638,305	12,153,064	12,685,871	13,237,334	13,808,080	14,398,756	15,010,034	15,642,606	16,297,186	16,974,515	17,196,661	7,581,801	0	0	0	0	0	0	0	0
WARWICKSHIRE	589,757,445	22,948,536	23,524,709	24,115,273	24,720,591	25,341,030	25,976,970	26,628,799	27,296,917	27,981,730	28,683,659	29,403,133	30,140,591	30,896,485	(2,295,029)	(2,351,111)	179,365	185,228	191,283	197,535	203,992	210,660	217,546	224,657
TOTAL	1,599,143,856	66,724,154	68,749,615	70,990,701	73,301,633	75,684,569	78,141,735	80,675,427	83,288,011	85,801,467	88,574,682	91,434,224	94,577,220	97,423,052	9,941,051	10,310,953	5,300,630	5,347,653	191,283	197,535	203,992	210,660	217,546	224,657

Shortfall / (Surplus)

COVENTRY	519,493,138	24,173,763	24,923,853	25,852,958	26,814,237	27,808,762	28,837,638	29,902,006	31,003,045	31,961,511	33,135,033	34,348,881	35,798,848	36,902,942	5,039,418	5,080,264	5,121,265	5,162,425	0	0	0	0	0	0
SOLIHULL	148,641,904	6,165,813	6,529,110	6,906,229	7,297,658	7,703,901	8,125,479	8,562,932	9,016,817	9,487,712	9,976,214	10,482,940	11,008,529	11,553,641	1,640,266	1,886,496	(6,837,688)	0	0	0	0	0	0	0
WARWICKSHIRE	213,299,213	8,126,300	8,331,917	8,542,660	8,758,663	8,980,054	9,206,969	9,439,549	9,677,935	9,922,274	10,172,717	10,429,417	10,692,532	10,962,225	(22,727,646)	(23,294,544)	179,365	185,228	191,283	197,535	203,992	210,660	217,546	224,657
TOTAL	881,434,255	38,465,875	39,784,879	41,301,847	42,870,558	44,492,716	46,170,086	47,904,486	49,677,797	51,371,498	53,283,964	55,261,237	57,499,909	59,418,808	(16,047,962)	(16,327,785)	(537,058)	5,347,653	191,283	197,535	203,992	210,660	217,546	224,657

NPV @ Discount Rate 6.0875%

COVENTRY	205,665,531	10,298,750	9,992,619	9,738,095	9,489,692	9,247,278	9,010,722	8,779,898	8,554,681	8,300,449	8,087,237	7,879,229	7,707,444	7,478,367	7,169,904	681,244	647,336	615,095	0	0	0	0	0	0
SOLIHULL	107,496,007	3,127,291	3,082,004	3,036,069	2,989,598	2,942,691	2,895,442	2,847,941	2,805,267	2,752,498	2,704,702	2,655,945	2,609,288	2,561,784	1,070,793	1,016,691	0	0	0	0	0	0	0	0
WARWICKSHIRE	185,195,568	7,038,347	6,801,047	6,571,726	6,350,119	6,135,968	5,929,023	5,729,042	5,535,792	5,349,049	5,168,593	4,994,214	4,825,709	4,662,880	(326,489)	(315,275)	22,672	22,070	21,483	20,912	20,357	19,816	19,289	18,777
TOTAL	460,643,390	20,464,389	19,875,669	19,345,891	18,829,410	18,325,937	17,835,187	17,356,881	16,890,740	16,401,955	15,960,532	15,530,389	15,142,440	14,703,030	1,414,208	1,382,660	670,008	637,164	21,483	20,912	20,357	19,816	19,289	18,777

(Residual Waste Element)

NOMINAL

COVENTRY	390,797,674	15,256,207	15,775,339	16,268,872	16,559,705	17,084,453	17,628,457	18,154,137	18,738,066	19,208,544	19,833,787	20,482,379	20,808,052	21,761,448	519,418	520,264	521,265	522,425	0	0	0	0	0	0
SOLIHULL	209,869,130	8,184,065	8,439,559	8,762,313	8,927,463	9,273,502	9,634,659	9,912,715	10,301,245	10,522,999	10,940,048	11,375,205	11,589,934	12,147,607	1,658,851	1,791,058	0	0	0	0	0	0	0	0
WARWICKSHIRE	454,598,466	17,309,547	17,912,899	18,540,532	18,776,868	19,445,187	20,140,522	20,820,875	21,572,905	21,919,300	22,722,581	23,558,434	23,855,520	24,971,129	2,384,532	2,429,741	2,476,024	1,601,914	0	0	0	0	0	0
TOTAL	1,055,265,270	40,749,819	42,127,996	43,571,716	44,264,036	45,803,141	47,403,638	48,887,727	50,612,216	51,650,843	53,496,416	55,416,019	56,253,506	58,880,183	4,562,801	4,741,062	2,997,290	2,124,338	0	0	0	0	0	0

Shortfall / (Surplus)

COVENTRY	151,919,428	5,850,887	6,134,886	6,387,408	6,411,205	6,702,740	6,987,202	7,246,850	7,558,097	7,749,075	8,087,832	8,442,775	8,467,458	9,112,339	519,418	520,264	521,265	522,425	0	0	0	0	0	0
SOLIHULL	107,496,007	4,153,342	4,308,068	4,527,535	4,586,815	4,824,338	5,074,267	5,238,313	5,509,984	5,611,955	5,906,228	6,215,539	6,301,277	6,726,733	(8,897,549)	(8,904,248)	(6,837,688)	0	0	0	0	0	0	
WARWICKSHIRE	78,140,234	2,487,310	2,720,107	2,967,919	2,814,940	3,084,210	3,370,521	3,631,024	3,953,923	3,859,844	4,211,639	4,364,718	4,407,460	5,036,868	(18,048,085)	(18,513,692)	2,476,024	1,601,914	0	0	0	0	0	0
TOTAL	337,555,669	12,491,540	13,163,061	13,882,862	13,832,960	14,611,288	15,431,989	16,116,787	17,022,003	17,220,874	18,205,698	19,243,032	19,176,196	20,875,940	(21,426,212)	(21,897,676)	(2,840,398)	2,124,338	0	0	0	0	0	0

NPV @ Discount Rate 6.0875%

COVENTRY	130,267,264	4,679,099	4,560,886	4,433,479	4,253,786	4,136,756	4,023,546	3,905,764	3,800,084	3,671,847	3,573,608	3,478,596	3,331,507	3,284,226	73,893	69,765	65,889	62,246	0	0	0	0	0	0
SOLIHULL	63,783,124	2,510,064	2,439,895	2,387,844	2,293,748	2,245,946	2,199,029	2,101,599	1,971,319	1,923,114	1,855,025	1,833,210	1,785,987	240,174	0	0	0	0	0	0	0	0	0	0
WARWICKSHIRE	142,364,346	5,308,862	5,178,660	5,052,536	4,823,321	4,708,374	4,596,903	4,479,498	4,374,967	4,190,141	4,094,449	4,001,474	3,819,427	3,768,628	339,222	325,819	312,973	190,865	0	0	0	0	0	0
TOTAL	326,412,734	12,498,025	12,179,241	11,873,860	11,370,356																			