

AFFORDABILITY SUMMARY

COMPARISON OF BUDGETS AGAINST COSTS

Year Ending	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
Period no	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Discount factor	94.26%	88.85%	83.75%	78.95%	74.42%	70.15%	66.12%	62.33%	58.75%	55.38%	52.20%	49.21%	46.38%	43.72%	41.21%	38.85%	36.62%	34.52%
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

REVENUE RESOURCES																			
Whole System Costs																			
COVENTRY	386,701,047	8,031,128	8,231,906	8,437,704	8,648,647	8,864,863	9,086,484	9,313,646	9,546,488	9,785,150	10,029,778	10,280,523	10,537,536	10,800,974	11,070,999	11,347,774	11,631,468	11,922,255	12,220,311
SOLIHLULL	237,025,416	5,120,752	5,010,195	5,149,525	5,070,813	5,195,134	5,322,562	5,453,176	5,489,056	5,626,282	5,766,939	5,911,113	6,058,890	6,227,472	6,895,659	7,068,051	7,244,752	7,425,871	7,611,517
WARWICKSHIRE	755,442,982	15,291,851	16,090,147	16,492,401	16,904,711	17,327,329	17,760,512	18,204,525	18,659,638	19,126,129	19,604,282	20,094,389	20,596,749	21,111,668	21,639,459	22,180,446	22,734,957	23,303,331	23,885,914
TOTAL	1,379,169,445	28,443,731	29,332,249	30,079,630	30,624,171	31,387,325	32,169,558	32,971,347	33,695,181	34,537,561	35,401,000	36,286,025	37,193,175	38,640,114	39,606,117	40,596,270	41,611,177	42,651,456	43,717,743

NPV @ Discount Rate 6.0875%

COVENTRY	149,409,270	7,570,287	7,314,287	7,066,944	6,827,965	6,597,068	6,373,978	6,158,433	5,950,177	5,748,963	5,554,554	5,366,719	5,185,236	5,009,889	4,840,473	4,676,785	4,518,633	4,365,829	4,218,192
SOLIHLULL	90,689,508	4,826,913	4,451,704	4,312,951	4,003,324	3,866,123	3,733,666	3,605,787	3,421,243	3,305,549	3,193,767	3,085,765	2,981,416	3,120,449	3,014,927	2,912,973	2,814,466	2,719,291	2,627,335
WARWICKSHIRE	291,653,941	14,414,376	14,296,561	13,813,103	13,345,993	12,894,679	12,458,627	12,037,321	11,630,262	11,236,968	10,856,974	10,489,830	10,135,101	9,792,368	9,461,225	9,141,281	8,832,155	8,533,483	8,244,911
TOTAL	531,752,719	26,811,576	26,062,552	25,192,998	24,177,282	23,357,870	22,566,271	21,801,541	21,001,682	20,291,480	19,605,295	18,942,314	18,301,752	17,922,707	17,316,625	16,731,039	16,165,255	15,618,604	15,090,438

COSTS

(Do Minimum WSC)

NOMINAL																			
COVENTRY	939,816,381	7,592,547	8,197,145	8,464,914	9,077,788	8,107,187	8,202,349	10,432,777	10,429,219	10,633,135	10,866,027	10,998,010	16,102,350	16,316,286	32,192,451	32,849,806	33,763,629	34,704,771	35,674,068
SOLIHLULL	365,270,375	4,602,889	4,659,274	4,707,569	4,636,541	4,514,943	4,696,434	5,839,343	5,626,907	5,989,559	5,887,745	5,936,368	7,776,391	9,969,173	10,453,191	10,802,499	11,266,881	11,747,193	12,243,961
WARWICKSHIRE	1,340,177,632	16,380,086	19,269,458	21,333,114	23,977,655	26,811,984	31,950,547	32,593,273	33,544,547	34,481,220	36,286,127	37,202,451	38,252,027	38,063,920	39,076,955	40,038,983	41,106,049	42,203,176	43,330,876
TOTAL	2,645,264,388	28,575,522	32,125,876	34,505,597	37,691,984	39,434,114	44,849,330	48,865,393	49,600,673	50,812,915	53,039,898	54,136,829	62,130,768	64,349,379	81,722,597	83,691,289	86,136,559	88,655,140	91,248,905

Shortfall / (Surplus)

COVENTRY	553,115,334	(438,581)	(34,762)	27,210	429,142	(757,676)	(884,135)	1,119,130	882,731	847,985	836,249	717,487	5,564,814	5,515,311	21,121,452	21,502,033	22,132,160	22,782,516	23,453,756
SOLIHLULL	128,244,958	(517,862)	(350,922)	(441,957)	(434,273)	(680,191)	(626,129)	386,167	137,851	72,277	120,805	25,255	1,717,501	3,241,701	3,557,532	3,734,449	4,022,129	4,321,322	4,632,444
WARWICKSHIRE	584,734,650	1,088,235	3,179,311	4,840,713	7,072,944	9,484,655	14,190,035	14,388,749	14,884,909	15,355,092	16,681,845	17,108,061	17,655,278	17,437,496	17,858,537	18,321,092	18,899,845	19,444,962	
TOTAL	1,266,094,943	131,792	2,793,627	4,425,967	7,067,813	8,046,789	12,679,771	15,894,045	15,905,492	16,275,354	17,638,899	17,850,804	24,937,593	25,709,265	42,116,480	43,095,018	44,525,382	46,003,683	47,531,162

NPV @ Discount Rate 6.0875%

COVENTRY	293,677,117	7,156,872	7,283,400	7,089,734	7,166,765	6,033,219	5,753,776	6,898,432	6,500,370	6,247,171	6,017,674	5,741,267	7,923,530	7,568,094	14,075,215	13,538,470	13,116,612	12,708,595	12,313,932
SOLIHLULL	121,608,286	4,338,767	4,139,899	3,942,793	3,660,473	3,359,938	3,294,450	3,861,130	3,507,164	3,348,013	3,260,670	3,098,949	3,826,551	4,624,069	4,570,354	4,452,060	4,376,997	4,301,723	4,226,356
WARWICKSHIRE	495,812,367	15,440,166	17,121,471	17,867,410	18,929,967	19,552,985	22,412,640	21,551,548	20,907,794	20,258,379	20,095,484	19,420,713	18,822,785	17,655,447	17,085,264	16,501,363	15,969,021	15,454,447	14,956,900
TOTAL	911,097,770	26,935,805	28,544,770	28,899,937	29,757,205	29,346,142	31,460,865	32,311,111	30,915,327	29,853,563	29,373,827	28,260,930	30,572,865	29,847,610	35,730,833	34,491,893	33,462,630	32,464,765	31,497,188

(Residual Waste Element WSC)

NOMINAL																			
COVENTRY	570,650,922	7,592,547	8,197,145	8,464,914	9,103,788	8,133,187	8,228,349	10,458,777	15,830,053	16,029,932	16,407,392	16,842,541	22,102,157	14,108,719	16,606,903	17,122,863	17,658,216	18,213,683	18,790,011
SOLIHLULL	321,482,528	4,509,706	4,516,641	4,529,436	4,262,253	4,135,530	4,261,304	5,347,242	7,725,802	7,971,353	8,244,865	8,454,145	10,386,206	9,249,469	9,582,120	9,928,254	10,288,374	10,663,000	
WARWICKSHIRE	1,159,739,390	16,380,086	19,269,458	21,333,114	24,003,655	26,837,984	31,976,547	32,619,273	32,328,033	28,679,309	30,508,542	29,474,731	30,345,711	31,297,149	32,013,545	33,034,703	34,092,231	35,187,594	36,321,781
TOTAL	2,051,872,840	28,482,339	31,983,244	34,327,464	37,369,697	39,106,701	44,466,201	48,425,291	55,883,889	52,680,594	55,160,799	54,771,416	62,834,074	54,364,062	57,869,917	59,739,685	61,678,702	63,689,651	65,774,792

Shortfall / (Surplus)

COVENTRY	183,949,876	(438,581)	(34,762)	27,210	455,142	(731,676)	(858,135)	1,145,130	6,283,566	6,244,782	6,377,613	6,562,018	11,564,621	3,307,745	5,535,904	5,775,089	6,026,748	6,291,428	6,569,700
SOLIHLULL	84,457,112	(611,046)	(493,554)	(620,090)	(808,561)	(1,059,604)	(1,061,258)	(105,935)	2,236,746	2,345,071	2,477,926	2,543,033	4,327,316	2,230,721	2,353,810	2,514,069	2,683,502	2,862,503	3,051,482
WARWICKSHIRE	404,296,408	1,088,235	3,179,311	4,840,713	7,098,944	9,510,655	14,216,035	14,414,749	13,668,395	9,553,180	10,904,260	9,380,342	9,748,962	10,185,481	10,374,085	10,854,257	11,357,275	11,884,264	12,435,867
TOTAL	672,703,395	38,608	2,650,995	4,247,834	6,745,525	7,719,375	12,296,642	15,453,944	22,188,708	18,143,033	19,759,799	18,485,392	25,640,899	15,723,947	18,263,800	19,143,415	20,067,525	21,038,195	22,057,409

NPV @ Discount Rate 6.0875%

COVENTRY	207,649,977	7,156,872	7,283,400	7,089,734	7,187,292	6,052,568	5,772,014	6,915,624	9,866,626	9,417,893	9,086,516	8,792,274	10,875,872	6,544,143	7,260,886	7,056,887	6,859,925	6,669,697	6,485,914
SOLIHLULL	113,773,716	4,250,931	4,013,166	3,793,599	3,364,979	3,077,585	2,989,216	3,535,740	4,815,372	4,683,323	4,566,058	4,413,299	5,110,770	4,155,140	4,044,062	3,949,102	3,856,963	3,767,516	3,680,642
WARWICKSHIRE	438,930,098	15,440,166	17,121,471	17,867,410	18,950,493	19,972,333	22,430,878	21,568,740	20,149,560	16,849,645	16,895,821	15,386,629	14,932,301	14,516,769	13,996,993	13,614,672	13,244,269	12,885,400	12,537,509
TOTAL	760,353,790	26,847,969	28,418,037	28,750,743	29,502,764	29,102,487	31,192,108	32,020,104	34,831,558	30,950,860	30,548,395	28,592,202	30,918,943	25,216,052	25,301,941	24,620,661	23,961,157	23,322,613	22,704,064

AFFORDABILITY SUMMARY

COMPARISON OF BUDGETS AGAINST COSTS

Year Ending	Mar-27	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
Period no	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Year	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Discount factor	32.54%	30.67%	28.91%	27.25%	25.69%	24.21%	22.82%	21.51%	20.28%	19.12%	18.02%	16.99%	16.01%	15.09%
	1	1	1	1	1	1	1	1	1	1	1	1	1	1

REVENUE RESOURCES															
Whole System Costs															
COVENTRY	386,701,047	12,525,819	12,838,964	13,159,939	13,488,937	13,826,160	14,171,814	14,526,110	14,889,263	15,261,494	15,643,031	16,034,107	16,434,960	16,845,834	17,266,980
SOLIHLULL	237,025,416	7,801,805	7,996,851	8,196,772	8,401,691	8,611,733	8,827,027	9,047,702	9,273,895	9,505,742	9,743,386	9,986,971	10,236,645	10,492,561	10,754,875
WARWICKSHIRE	755,442,982	24,483,062	25,095,138	25,722,517	26,365,580	27,024,719	27,700,337	28,392,846	29,102,667	29,830,234	30,575,989	31,340,389	32,123,899	32,926,996	33,750,171
TOTAL	1,379,169,445	44,810,686	45,930,953	47,079,227	48,256,208	49,462,613	50,699,179	51,966,658	53,265,824	54,597,470	55,962,407	57,361,467	58,795,504	60,265,391	61,772,026

NPV @ Discount Rate 6.0875%

COVENTRY	149,409,270	4,075,548	3,937,728	3,804,568	3,675,911	3,551,605	3,431,502	3,315,461	3,203,344	3,095,018	2,990,356	2,889,233	2,791,529	2,697,130	2,605,922
SOLIHLULL	90,689,508	2,538,487	2,452,645	2,369,705	2,289,570	2,212,145	2,137,338	2,065,061	1,995,228	1,927,757	1,862,567	1,799,582	1,738,726	1,679,929	1,623,119
WARWICKSHIRE	291,653,941	7,966,098	7,696,713	7,436,438	7,184,964	6,941,994	6,707,241	6,480,426	6,261,281	6,049,547	5,844,973	5,647,317	5,456,345	5,271,831	5,093,556
TOTAL	531,752,719	14,580,134	14,087,086	13,610,711	13,150,445	12,705,744	12,276,081	11,860,948	11,459,853	11,072,322	10,697,896	10,336,131	9,986,600	9,648,889	9,322,598

COSTS

(Do Minimum WSC)

NOMINAL

COVENTRY	939,816,381	36,816,620	37,996,343	39,062,823	40,316,672	41,611,277	42,947,942	44,328,012	45,752,874	47,223,959	48,562,283	50,125,742	51,739,881	53,600,774	55,126,719
SOLIHLULL	365,270,375	12,757,731	13,289,062	13,838,536	14,406,752	14,994,328	15,601,903	16,230,139	16,879,717	17,551,342	18,245,741	18,963,665	19,705,892	20,473,222	21,266,484
WARWICKSHIRE	1,340,177,632	44,490,203	45,682,067	46,907,598	48,167,379	49,462,911	50,794,918	52,164,668	53,572,823	55,020,708	56,509,477	58,040,552	59,614,682	61,139,524	62,707,676
TOTAL	2,645,264,388	94,064,554	96,967,472	99,808,957	102,890,802	106,068,516	109,344,763	112,722,820	116,205,414	119,796,010	123,317,501	127,129,959	131,060,454	135,213,520	139,100,879

Shortfall / (Surplus)

COVENTRY	553,115,334	24,290,802	25,157,379	25,902,884	26,827,735	27,785,117	28,776,128	29,801,902	30,863,611	31,962,465	32,919,252	34,091,635	35,304,921	36,754,940	37,859,739
SOLIHLULL	128,244,958	4,955,925	5,292,212	5,641,764	6,005,060	6,382,594	6,774,877	7,182,437	7,605,822	8,045,600	8,502,355	8,976,695	9,469,247	9,980,661	10,511,609
WARWICKSHIRE	584,734,650	20,007,141	20,586,928	21,185,081	21,801,799	22,438,192	23,094,580	23,771,823	24,470,156	25,190,475	25,933,487	26,700,163	27,490,783	28,212,528	28,957,504
TOTAL	1,266,094,943	49,253,868	51,036,519	52,729,730	54,634,594	56,605,902	58,645,585	60,756,162	62,939,590	65,198,540	67,355,094	69,768,492	72,264,951	74,948,129	77,328,853

NPV @ Discount Rate 6.0875%

COVENTRY	293,677,117	11,979,090	11,653,530	11,293,150	10,986,818	10,688,927	10,399,230	10,117,492	9,843,483	9,576,980	9,283,272	9,032,305	8,788,180	8,581,840	8,319,692
SOLIHLULL	121,608,286	4,151,006	4,075,773	4,000,752	3,926,027	3,851,679	3,777,778	3,704,391	3,631,580	3,559,398	3,487,896	3,417,119	3,347,107	3,277,899	3,209,525
WARWICKSHIRE	495,812,367	14,475,857	14,010,752	13,561,092	13,126,238	12,705,821	12,299,263	11,906,142	11,525,902	11,158,154	10,802,475	10,458,497	10,125,740	9,788,843	9,463,806
TOTAL	911,097,770	30,605,953	29,740,055	28,854,995	28,039,084	27,246,426	26,476,271	25,728,026	25,000,965	24,294,532	23,573,642	22,907,921	22,261,028	21,648,582	20,993,023

(Residual Waste Element WSC)

NOMINAL

COVENTRY	570,650,922	19,276,395	19,635,234	20,234,372	20,810,347	21,186,137	21,798,436	22,432,670	23,051,345	23,731,122	24,300,393	25,027,470	25,781,035	26,214,919	27,279,871
SOLIHLULL	321,482,528	10,970,772	11,269,266	11,609,929	12,020,245	12,275,418	12,714,010	13,170,324	13,546,214	14,035,333	14,360,508	14,883,894	15,428,386	15,755,535	16,428,800
WARWICKSHIRE	1,159,739,390	37,417,073	38,256,208	39,464,247	40,715,308	41,594,926	42,926,705	44,306,542	45,692,678	47,172,671	48,269,920	49,847,919	51,482,640	52,509,926	54,379,179
TOTAL	2,051,872,840	67,664,240	69,160,708	71,308,549	73,545,900	75,056,480	77,439,151	79,909,536	82,290,237	84,939,125	86,930,821	89,759,283	92,692,061	94,480,380	98,087,850

Shortfall / (Surplus)

COVENTRY	183,949,876	6,750,576	6,796,269	7,074,433	7,321,410	7,359,977	7,626,622	7,906,561	8,162,082	8,469,627	8,657,362	8,993,363	9,346,075	9,369,086	10,012,891
SOLIHLULL	84,457,112	3,168,967	3,272,415	3,413,158	3,618,554	3,663,684	3,886,983	4,122,621	4,272,319	4,529,590	4,617,122	4,896,923	5,191,741	5,262,974	5,673,925
WARWICKSHIRE	404,296,408	12,934,011	13,161,070	13,741,731	14,349,728	14,570,206	15,226,368	15,913,696	16,590,011	17,342,438	17,693,931	18,507,530	19,358,741	19,582,929	20,629,008
TOTAL	672,703,395	22,853,554	23,229,754	24,229,321	25,289,693	25,593,867	26,739,973	27,942,878	29,024,412	30,341,655	30,968,414	32,397,817	33,896,557	34,214,989	36,315,824

NPV @ Discount Rate 6.0875%

COVENTRY	207,649,977	6,271,995	6,022,153	5,849,803	5,671,091	5,442,204	5,278,180	5,120,066	4,959,372	4,812,652	4,645,316	4,509,773	4,378,989	4,197,183	4,117,062
SOLIHLULL	113,773,716	3,569,580	3,456,299	3,356,457	3,275,673	3,153,257	3,078,516	3,006,014	2,914,394	2,846,354	2,745,186	2,681,973	2,620,560	2,522,566	2,479,425
WARWICKSHIRE	438,930,098	12,174,460	11,733,231	11,409,203	11,095,452	10,684,726	10,394,088	10,112,592	9,830,532	9,566,579	9,227,383	8,982,243	8,744,487	8,407,187	8,206,874
TOTAL	760,353,790	22,016,036	21,211,683	20,615,462	20,042,216	19,280,187	18,750,783	18,238,673	17,704,298	17,225,585	16,617,885	16,173,989	15,744,036	15,126,936	14,803,361