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<b>REPORT TO:</b>	<b>COMMUNITY SCRUTINY COMMITTEE</b>	<b>AGENDA ITEM:</b>
<b>DATE OF MEETING:</b>	<b>14<sup>TH</sup> AUGUST 2006</b>	<b>CATEGORY: DELEGATED</b>
<b>REPORT FROM:</b>	<b>HEAD OF ENVIRONMENTAL SERVICES</b>	
<b>MEMBERS' CONTACT POINT:</b>	<b>PETER McEVOY</b>	<b>DOC:</b>
<b>SUBJECT:</b>	<b>RECYCLING PERFORMANCE – STRATEGIC REVIEW.</b>	<b>REF:</b>
<b>WARD(S) AFFECTED:</b>	<b>ALL</b>	<b>TERMS OF REFERENCE: EDS07</b>

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**1.0 Exempt due to the inclusion of financial details relating to an individual and the Council.**

**Recommendations**

1.1 Members are asked to consider this Background Report in order to assist their strategic review of the Council's recycling performance.

**2.0 Executive Summary**

2.1 The report will aim to provide information regarding the following:

- The introduction of Recycling Services in South Derbyshire.
- The development of the services.
- Financial support received by the Council.
- The cost to the Council.
- The Council's performance.
- Current plans.

**3.0 Detail**

**The introduction of Recycling Services in South Derbyshire.**

3.1 The Council commenced a programme of providing Recycling Centres across the district in 1990. The Recycling Centres provided facilities for residents to recycle cans and bottles.

3.2 The Council started its alternate week Compost Scheme collections in 1996 (the brown bin scheme) whereby compostable waste (garden waste, vegetable peelings, etc.) is collected from a brown bin one week for composting and the remaining residual waste is collected from a black bin the following week for disposal.

3.3 The Council's first kerbside recycling initiatives started in 1997. The Council entered into a partnership with neighbouring Authorities to engage a company called

Cheshire Recycling Group (now known as Abitibi) to provide a fortnightly collection of paper from households across the district (the blue bag scheme).

### **The Development of the Services.**

- 3.4 The Council entered into an agreement in January 2004 with Abitibi to add cans, bottles, foil and textiles to the fortnightly paper collection scheme for 12,000 households in the district. Householders are provided with a green box for the additional materials. The "green box" scheme, as of last month, has now been expanded to 33,000 households in the district. The plan is to expand the scheme over the whole of the district over the next three years.
- 3.5 The Council now provides 81 Recycling Centres across the district. The number and size of banks have increased over the years. The range of materials collected has been expanded to include materials such as plastics and cardboard. The frequency of collections has been increased as the popularity and culture of recycling have grown. Details of the Recycling Centres are appended at Annexe A.
- 3.6 The Council's "brown bin" compost scheme has been expanded to 18,000 households in the district. The plan is to expand the scheme over the whole of the district over the next four years.

### **Financial Support to the Council.**

- 3.7 The Council receives a financial credit from the County Council for every tonne it recycles on the basis that the County Council, within its responsibility as the Waste Disposal Authority, will not have to pay the cost for disposing of the waste. The amount of the Recycling Credit is based on the disposal cost avoided by the County Council – currently around £40 per tonne.
- 3.8 The Council submitted a successful bid and received a Government Grant towards the start up costs for the first phase of the "green box" scheme in 2004.
- 3.9 The Government introduced a new fund called the Waste Performance and Efficiency Grant in 2004/05 to assist all Authorities in the development of their recycling services. Allocations are based on an Authority's population and budget allocated to Waste Management. The Council was allocated £17,000 in 2004/05, £27,000 in 2005/06, £71,000 in 2006/07 with a further £75,000 allocated already for 2007/08. The Government has not decided yet if it will continue to provide the support after 2007/08.

### **The Cost to the Council.**

- 3.10 The Council paid around £25 per tonne to Abitibi when the first paper collections were undertaken. However, as the value of the paper has declined over the years, and the costs of collecting additional materials as well as the paper have increased, the cost to the Council has trebled. The anticipated tonnage that will be collected in 2007/08 is around 4,500 tonnes giving an approximate annual cost to the Council of £360,000.
- 3.11 The cost of maintenance and making the collections from the Recycling Centres has risen as the number of centres, the range of materials and the frequency of collections have increased over the years. The annual cost currently is around £60,000 a year.

- 3.12 The cost of the "brown bin" scheme so far is largely cost neutral insofar as the brown bins are emptied one week by the same crews with the same vehicles who empty the black bins the following week. The cost of processing the waste into compost and the purchase cost of the brown bins have been met comfortably within the Recycling Credit received from the County Council.
- 3.13 However, following the Foot and Mouth outbreak in 2001, a European Regulation (EU Animal By-Products Regulation) has been introduced with the aim to minimise the risk of the spread of disease from the composting process. The Regulation requires the composting of waste containing catering waste, such as vegetable peelings but could also include meat, fish and food leftovers, to be carried out in a covered/closed container system rather than the current open windrow system. Furthermore, operators will be subject to a rigorous licensing and inspection regime.
- 3.14 The Council has worked together in partnership with other Authorities and the composting industry to develop the technology and implement plans to meet the requirements of the Regulation. Suitable facilities should now be available to the Council over the next nine months. The facilities will allow the range of materials that can be composted via the "brown bin" scheme to be expanded to include meat, fish, food leftovers and cardboard. However, the processing costs will increase by around £20 per tonne.
- 3.15 The financial implications are discussed in further detail in the later paragraph on Current Plans.

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### **The Council's Performance.**

- 3.16 The Council's performance is measured by a range of Best Value Performance Indicators. Details, including quartile comparisons, and comparisons with Derbyshire and other neighbouring Authorities, are appended at Annex B.
- 3.17 The Government set all Authorities a combined Recycling and Composting standard to be achieved in 2005/06. South Derbyshire's standard was to recycle and compost 21% of household waste. The Council achieved 24% in 2004/05 and maintained the standard in 2005/06.
- 3.18 The Council's recycling / composting performance in 2004/05 is 3% higher than the Derbyshire average at a cost that is £1.36 less per head of population.
- 3.19 The Government has frozen standards at the 2004/05 levels for all Authorities, except for the poorest performing ones, until the end of the financial year 2007/08 pending the outcome of a major National Waste Strategy Review that is being consulted upon currently. The draft strategy points towards recycling and composting targets of 40% by 2010, 45% by 2015 and 50% by 2020.
- 3.20 Given the current plans to expand the "green box" scheme and the "brown bin" scheme over the whole of the district during the next three to four years, the Council's combined recycling / composting rate should be in the high thirties in 2010.
- 3.21 A concern on performance is the high amount of waste collected per head of population in South Derbyshire (BVPI 84). The average in Derbyshire is relatively high and South Derbyshire's is higher still. This can be explained, in part, by the fact

the percentage composted by South Derbyshire is around double the average in the county. In effect, the Council is collecting garden waste that, in other parts of the County, residents are, either home composting, or, more likely, taking to their local Civic Amenity site on the basis that they cannot fit it into the bin on their weekly "black bin" collections. Another factor here is the relatively low provision of Civic Amenity sites in Derbyshire.

3.22 The table below compares the waste collected in Derbyshire against the waste collected in Leicestershire. The waste collected by District Councils in Derbyshire is greater than in Leicestershire but the amount of waste collected at Civic Amenity Sites is much greater in Leicestershire than in Derbyshire. The differences will be due to a number of factors such as differing waste collection systems and the level of Civic Amenity Sites provision. The data refers to 2001/02.

	Derbyshire	Leicestershire
<b>Average waste collected by District Councils.</b>	429kg/person/year	358kg/person/year
<b>Average waste to Civic Amenity Sites</b>	52kg/person/year	172kg/person/year
<b>Total</b>	481kg/person/year	530kg/person/year

3.23 The issue will be addressed through the Waste Minimisation initiatives outlined below in Current Plans. In particular, the review of waste policies will need to consider the sizes of bins provided by the Council for residents' recycling and residual waste.

3.24 Another issue for attention is the Council's bottom quartile performance in 2004/05 on the recycling of household waste (BVPI 82a). The performance is predicted to improve as the "green box" scheme is expanded across the district. Although the key measure in diverting household waste from landfill is the combined recycling and composting rate (a measure by which the Council is performing well), the recycling performance will be addressed further through the Recycling initiatives outlined below in current plans. The action to investigate different options and seek to secure effective, long term and sustainable arrangements for the Council will address performance on this indicator.

### **Current Plans.**

3.23 The Council's plans are guided by the National Waste Strategy, the Derbyshire Waste Strategy and the Council's own Waste Minimisation and Recycling Plan.

3.24 As stated earlier, the Government is consulting currently on a National Waste Strategy Review. It seems inevitable that Authorities will be required to increase initiatives to minimise waste in the first place, to recycle and compost increasing amounts of household waste and to dispose of the residual waste in an effective and sustainable manner.

3.25 The Derbyshire Authorities have been working together for the past two years to develop a Derbyshire Waste Strategy. The strategy dovetails in with the anticipated direction of the National Strategy Review in seeking to commit all partner Authorities to increase initiatives to minimise waste in the first place and to aim to be recycling and composting between 45 and 55% of household waste by 2020. The Environmental and Development Services Committee approved a draft version of the strategy for consultation last September and a final version, accommodating a few

minor changes following the consultation, will be presented for Members' approval in October this year.

- 3.26 The Council's own Waste Minimisation and Recycling Plan was approved by the Environmental and Development Services Committee in April 2005. The Plan contains detailed Action Plans to develop, improve and maintain the services between 2005 and 2009 during which time the Plan will be kept under constant review. The Executive Summary to the Plan is appended at Annexe C.
- 3.27 The Action Plans will help the Council to maintain a high level of performance and to meet its commitment both to the Derbyshire Waste Strategy and the National Waste Strategy as well as the residents of South Derbyshire.
- 3.28 The Action Plans contain the following actions:

#### **Waste Minimisation.**

- **Increase awareness and education.** A Recycling Magic Show has visited 24 schools in the district in the last two years. Education Packs have been developed and will be launched in schools next month.
- **Support the use of re-usable nappies.**
- **Promote home composting.** 4,195 home composters at discounted prices have been sold to South Derbyshire residents in the last five years.
- **Promote re-use.**
- **Review waste policies.** A report will be submitted to the Environmental and Development Services Committee later this year to raise issues for consideration.

#### **Recycling and Composting.**

- **Expand the compost scheme over the whole of the district by 2010.** Includes moving to the new "in vessel" composting system to allow for meat, fish, food leftovers and cardboard to be included as well as garden waste.
  - **Expand / develop the "green box" scheme over the whole of the district.** Investigate different options and seek to secure effective, long term and sustainable arrangements for the Council.
  - **Improve participation in the recycling and composting schemes.**
- 3.29 The increasing costs of recycling and composting cause concern. The action outlined above "to secure effective long term arrangements" in regard to the current "green box" scheme should help to procure a cost effective solution for the Council. The additional costs of the new "in vessel" composting process remain an issue for discussion with the County Council together with potential changes to the calculation of the Recycling Credit.
- 3.30 The operational costs of providing the Waste and Cleansing services have been subject to two external reviews since 2000. The latest report was approved by the Environmental and Development Services Committee in April 2005. The report concluded that the Council's Refuse Collection Service is cost effective, performing to a high standard and achieving a high customer satisfaction rating. The consultant's report concluded that the Council is providing cost effective recycling services that will meet current targets. It is intended to carry out similar review every four years or so to ensure that the services continue to provide good value for money.

## **4.0 Conclusions**

- 4.1 The Council's recycling and composting services, on a balanced scorecard basis, are meeting Government targets in a cost effective manner.
  - 4.2 The effective implementation of the plans outlined above will help to improve the Council's performance.
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		ANNEXE A							
		FOOD TRAYS AND DRINK CANS							
AREA	SITE NAME				PAPER	CARD	TEXTILES	BOOKS	
ACRESFORD	CRICKETTS INN	*							
ASTON ON TRENT	PRIMARY SCHOOL				*				
ASTON ON TRENT	WHITE HART PH	*							
BARROW ON TRENT	BROOKFIELD SOCIAL CLUB	*	*						
BARROW ON TRENT	SALE & DAVYS SCHOOL				*				
BRETBY	STANHOPE ARMS	*	*	*		*			
CASTLE GRESLEY	BASS'S CRESCENT	*	*	*					
CASTLE GRESLEY	CROWN INN, PRINCESS STREET	*	*						
CASTLE GRESLEY	DRUM & MONKEY	*							
CASTLE GRESLEY	MOUNT PLEASANT PH	*	*						
CASTLE GRESLEY	WHITE LION, MOUNT ROAD	*	*						
CHURCH GRESLEY	MINERS ARMS, GEORGE ST	*	*						
CHURCH GRESLEY	PENNINE WAY	*	*						
CHURCH GRESLEY	ROYAL OAK, REGENT STREET	*	*						
CHURCH GRESLEY	YORK ROAD	*	*	*		*	*		
COTON IN THE ELMS	SHOULDER OF MUTTON	*	*			*			
ETWALL	ASHE HALL	*	*						
ETWALL	CHESTNUT GROVE		*	*					
ETWALL	EGGINTON ROAD	*							
ETWALL	JOHN PORT SCHOOL					*			
FINDERN	WHEEL INN	*	*	*		*			
HARTSHORNE	ADMIRAL RODNEY PH	*	*	*					
HARTSHORNE	SNOOTY FOX	*	*						
HATTON	SCROPTON ROAD	*	*	*					
HATTON	STATION ROAD CAR PARK	*	*	*		*	*		
HILTON	MAIN STREET CAR PARK	*	*	*		*	*		
HILTON	PRIMARY SCHOOL PEACROFT LANE				*				
HILTON	WELLAND ROAD			*		*			
HILTON	WHITE SWAN PH	*							
LEES	BLACK COW PH	*	*						
LINTON	PRIMARY SCHOOL, MAIN STREET				*				
LINTON	WEATHERFIELD	*	*	*		*	*		
LONG LANE	THREE HORSESHOES	*	*						
LULLINGTON	TRAVELLERS SITE, CROSSROADS	*	*	*					
MELBOURNE	HIGH STREET CAR PARK	*	*	*		*	*		
MELBOURNE	JUNIOR SCHOOL				*				
MELBOURNE	BUDGENS, DERBY ROAD	*	*	*		*			
MICKLEOVER	GRANGECRAFT GARDEN CENTRE	*	*	*		*	*		
MICKLEOVER	MICKLEOVER COURT HOTEL	*							
MIDWAY	EUREKA SCHOOL			*	*				
MIDWAY	HILLCREST	*	*	*					
MIDWAY	TENNYSON AVENUE	*	*						
MILTON	SWAN INN, MAIN STREET	*	*	*					
MILTON	FOREMARK HALL SCHOOL	*	*	*	*				
NETHERSEAL	HAWTHORN AVENUE	*	*						

AREA	SITE NAME	ANNEXE A				PAPER	GLASS	TEXTILES	BOOKS
		FOOD TRASH AND DRINK CANS							
NETHERSEAL	St PETER'S PRIMARY SCHOOL				*				
NEWHALL	JACKSONS	*	*	*					
NEWHALL	LABOUR CLUB	*							
NEWHALL	LAMB INN	*	*						
NEWHALL	NEWHALL JUNIOR SCHOOL				*				
NEWHALL	SCOUT HUT HIGGINS ROAD				*				
NEWTON SOLNEY	NEWTON PARK HOTEL	*	*	*					
OVERSEAL	WOODVILLE ROAD	*	*	*		*	*		
REPTON	BULLS HEAD, HIGH STREET	*	*	*		*			
REPTON	BURTON ROAD CAR PARK	*	*	*		*	*		
REPTON	ORCHARD HOUSE REPTON SCHOOL				*				
REPTON	PRIMARY SCHOOL SPRINGFIELD ROAD				*				
REPTON	SCHOOL HOUSE	*	*						
REPTON	VILLAGE HALL, ASKEW GROVE	*	*						
ROSLISTON	FORESTRY CENTRE	*	*	*		*			
ROSLISTON	PLOUGH INN	*	*						
SCROPTON	EMRAH RIDING CENTRE				*				
SHARDLOW	GLENN WAY	*	*	*	*				
SHARDLOW	WILNE LANE CAR PARK	*	*	*		*	*		
STANTON	VILLAGE HALL	*	*						
STANTON BY BRIDGE	VILLAGE HALL	*	*						
SWADLINCOTE	EAST END CAR PARK	*	*	*		*	*	*	
SWADLINCOTE	GROVE HALL	*	*						
SWADLINCOTE	HANDSACRE CLOSE	*	*						
SWADLINCOTE	RINK DRIVE CAR PARK	*	*	*		*	*		
SWADLINCOTE	SAINSBURYS	*	*	*		*	*		
SWARKESTONE	CREWE & HARPUR ARMS	*	*	*					
THULSTON	HARRINGTON ARMS	*	*						
TICKNALL	INGLEBY LANE CAR PARK	*	*	*		*	*		
WALTON ON TRENT	WHITE SWAN	*	*	*					
WESTON ON TRENT	COOPERS ARMS	*	*						
WESTON ON TRENT	OLD PLOUGH INN	*	*						
WILLINGTON	TWYFORD ROAD PLAYING FIELD	*	*	*		*			
WOODVILLE	GRANVILLE ARMS	*	*	*					
WOODVILLE	HIGH STREET CAR PARK	*	*	*		*	*		
WOODVILLE	SOCIAL CLUB / NELSON INN	*							
TOTALS									
RECYCLING CENTRES		81							
PAPER BANKS SITES		14							
CARD/PAPER SITES		77							
CASH 4 TRASH SITES		1							
TEXTILE SITES		14							
CAN SITES		55							
GLASS SITES		25							
PLASTIC SITES		29							



## ANNEXE A

**RECYCLING CENTRE TONNAGE**

	<b>2003/04</b>	<b>2004/05</b>	<b>2005/06</b>
GLASS	855.407	650.73	682.66
CANS	44.66	42.71	42.49
PLASTIC	62.94	102.12	115.2
PAPER	336.815	141.83	68.45
MIXED PAPER/CARDS	160.52	425.92	617.97
TEXTILES	86.76	94.49	90.12
OVERALL TONNAGE	1547.102	1457.8	1616.89

ANNEXE A

<b>MATERIAL</b>	<b>FREQUENCY OF EMPTYING</b>
PLASTIC	ONCE TO THREE TIMES WEEKLY
CANS	WEEKLY OR FORTNIGHTLY
GLASS	WEEKLY OR FORTNIGHTLY
CARD/MIXED PAPER	WEEKLY/ ON DEMAND
PAPER	ON REQUEST
TEXTILES	WEEKLY OR TWICE WEEKLY

South Derbyshire Waste and Recycling BVPI performance

	Actual 03/4	Actual 04/05	Quartile range 04/05	Actual 05/06	Target 2006/7	prov. Target 2007/8	prov. Target 2008/9
82a	9.19%	11.34%	17.89% UQ 14.73% MQ 11.78% LQ	13.19%	14.50%	15.50%	16.00%
82b	8.30%	12.95%	9.80% UQ 5.02% MQ 1.53% LQ	12.40%	13%	14.50%	18%
84	450kg	475kg	397.7kg UQ 437.0kg MQ 491.6kg LQ	461.0kg	468.0	479.0	497.0
86	£41.20	£42.04	£35.31 UQ £40.96 MQ £48.13 LQ	£46.37	£48.37	£49.39	£51.28
91	88.70%	98%	100.0% UQ 97.0% MQ 88.7% LQ	98.8%	97.0%	97.0%	100.0%

Comparison of Waste and Recycling BVPI Performance with Derbyshire and Neighbouring Authorities

	SDDC Actual 04/05	Quartile range	Derbyshire Average	Lichfield BC	East Staffs BC	NW Leic DC	AVBC	Bols BC	Chest BC	Derby City	DDDC	EBC	HPeak DC	NEDDC
82a	11.34%	17.89% UQ 14.73% MQ 11.78% LQ	12.44%	21.40%	9.20%	10.60%	9.30%	10.50%	13.00%	15.30%	20.40%	11.70%	9.40%	11.00%
82b	12.95%	9.80% UQ 5.02% MQ 1.53% LQ	6.65%	25.00%	12.50%	12.50%	5.40%	0.30%	10.90%	6.60%	2.10%	16.70%	0.40%	4.50%
84	475	397.7kg UQ 437.0kg MQ 491.6kg LQ	458.3	466.1	448.0	453.0	436.8	480.0	447.0	515.5	432.0	444.5	454.0	439.5
86	£42.04	£35.31 UQ £40.96 MQ £48.13 LQ	£43.40	£57.60	£47.00	£46.10	£47.00	£31.70	£42.60	£37.20	£52.60	£48.80	£40.80	£48.30
91	98%	100.0% UQ 97.0% MQ 88.7% LQ	96.9%	100.0%	88.0%	92.0%	99.2%	100.0%	93.0%	100.0%	96.3%	98.6%	90.0%	96.9%

	86 waste collection cost	Recycling & Composting	82a Recycling %	82b Composting %
Birmingham	38.46	14.94	11.47	3.47
Coventry	31.61	16.59	10.04	6.55
Dudley	39.79	15.47	8.61	6.86
Sandwell	37.95	10.76	7.82	2.94
Solihull	31.7	21.57	16.78	4.79
Walsall	39.2	18.7	6.3	12.4
Wolverhampton	41.63	15.14	6.06	9.08
Amber Valley	47	14.68	9.3	5.38
Bolsover	31.72	10.84	10.54	0.3
Chesterfield	42.62	23.85	12.99	10.86
Erewash	48.79	28.34	11.65	16.69
High Peak	40.82	9.82	9.4	0.42
North East Derbyshire	48.33	15.45	11	4.45
South Derbyshire	44.01	24.33	11.39	12.94
Derbyshire Dales	52.59	22.48	20.43	2.05
Blaby	40.96	29.3	20.66	8.64
Charnwood	47.09	23.98	21.23	2.75
Harborough	55.04	46	18.73	27.27
Hinckley & Bosworth	42.21	34.5	15.7	18.8
Melton	62.17	36.76	21.33	15.43
North West Leicestershire	46.1	23.09	10.61	12.48
Oadby & Wigston	52.32	26.61	20.31	6.3
Boston	30.13	28.36	28.36	0
East Lindsey	37	20.17	9.84	10.33
Lincoln	32.63	24.41	11.54	12.87
North Kesteven	44.85	39.43	25.3	14.13
South Holland	39.09	16.3	16.3	0
South Kesteven	34.29	15	14.6	0.4
West Lindsey	61.22	24.2	12.6	11.6
Corby	32.08	10.7	10.3	0.4
Daventry	61.36	45.05	14.9	30.15
East Northamptonshire	47.11	22.86	17.84	5.02
Kettering	33.59	13.9	11.02	2.88
Northampton	55.73	28.12	18.67	9.45
South Northamptonshire	59.2	27.9	10.1	17.8
Wellingborough	42.24	18.16	12.99	5.17
Ashfield	39.68	18.61	18.61	0
Bassetlaw	32.95	18.83	18.83	0
Broxtowe	44.39	27.71	25.25	2.46
Gedling	35.2	21.11	17.4	3.71
Mansfield	37.86	17.1	17.1	0
Newark & Sherwood	39.69	11	11	0
Rushcliffe	48.65	46	21	25
Bridgnorth	56.35	30.5	15.4	15.1
North Shropshire	83.15	28.77	5.47	23.3
Oswestry	65.89	28.81	12.6	16.21
Shrewsbury & Atcham	57.92	22.27	12.28	9.99
South Shropshire	74.57	27.42	15.5	11.92
Cannock Chase	38.31	10.79	9.85	0.94
East Staffordshire	46.97	21.65	9.18	12.47
Lichfield	57.61	46.35	21.35	25
Newcastle-under-Lyme	44.72	11.61	10.5	1.11
South Staffordshire	35.34	21.02	8.36	12.66
Stafford	33.73	15.93	9.82	6.11
Staffs Moortands	48.08	30.26	12.21	18.05
Tamworth	49.58	44.8	30.7	14.1
North Warwickshire	47.35	21.53	10.13	11.4
Nuneaton & Bedworth	45.82	21.3	9.37	11.93
Rugby	44.62	15.82	11.22	4.6
Stratford-on-Avon	58.9	32.92	14.1	18.82
Warwick	37.63	26.18	11.59	14.59
Bromsgrove	76.82	24.17	14.61	9.56
Malvern Hills	43.5	21.5	21.5	0
Redditch	45.5	15.88	15.88	0
Worcester	24.65	17.15	16.95	0.2
Wychavon	40.81	15.07	15.07	0
Wyre Forest	38.64	24.3	24.3	0
Derby	37.2	21.88	15.27	6.61
Herefordshire	42.59	21.72	15.03	6.69
North East Lincolnshire	31.25	21.18	9.2	11.98
North Lincolnshire	32.62	24.09	14.42	9.67
Leicester	31.32	17.97	13.59	4.38
Rutland	48.77	21.49	9.61	11.88
Nottingham	34.25	14	8.72	5.28
Telford & Wrekin	59.2	19.7	11.3	8.4
Stoke-on-Trent	38.18	18.09	13.76	4.33

	86 waste collection cost	Recycling & Composting	82a Recycling %	82b Composting %
Lichfield	57.61	46.35	21.35	25
Rushcliffe	48.65	46	21	25
Harborough	55.04	46	18.73	27.27
Daventry	61.36	45.05	14.9	30.15
Tamworth	49.58	44.8	30.7	14.1
North Kesteven	44.85	39.43	25.3	14.13
Melton	62.17	36.76	21.33	15.43
Hinckley & Bosworth	42.21	34.5	15.7	18.8
Stratford-on-Avon	58.9	32.92	14.1	18.82
Bridgnorth	56.35	30.5	15.4	15.1
Staffs Moorlands	48.08	30.26	12.21	18.05
Blaby	40.96	29.3	20.66	8.64
Oswestry	65.89	28.81	12.6	16.21
North Shropshire	83.15	28.77	5.47	23.3
Boston	30.13	28.36	28.36	0
Erewash	48.79	28.34	11.65	16.69
Northampton	55.73	28.12	18.67	9.45
South Northamptonshire	59.2	27.9	10.1	17.8
Broxtowe	44.39	27.71	25.25	2.46
South Shropshire	74.57	27.42	15.5	11.92
Oadby & Wigston	52.32	26.61	20.31	6.3
Warwick	37.63	26.18	11.59	14.59
Lincoln	32.63	24.41	11.54	12.87
South Derbyshire	44.01	24.33	11.39	12.94
Wyre Forest	38.64	24.3	24.3	0
West Lindsey	61.22	24.2	12.6	11.6
Bromsgrove	7682	24.17	14.61	9.56
North Lincolnshire	32.62	24.09	14.42	9.67
Charnwood	47.09	23.98	21.23	2.75
Chesterfield	42.62	23.85	12.99	10.86
North West Leicestershire	46.1	23.09	10.61	12.48
East Northamptonshire	47.11	22.86	17.84	5.02
Derbyshire Dales	52.59	22.48	20.43	2.05
Shrewsbury & Atcham	57.92	22.27	12.28	9.99
Derby	37.2	21.88	15.27	6.61
Herefordshire	42.59	21.72	15.03	6.69
East Staffordshire	46.97	21.65	9.18	12.47
Solihull	31.7	21.57	16.78	4.79
North Warwickshire	47.35	21.53	10.13	11.4
Malvern Hills	43.5	21.5	21.5	0
Rutland	48.77	21.49	9.61	11.88
Nuneaton & Bedworth	45.82	21.3	9.37	11.93
North East Lincolnshire	31.25	21.18	9.2	11.98
Gedling	35.2	21.11	17.4	3.71
South Staffordshire	35.34	21.02	8.36	12.66
East Lindsey	37	20.17	9.84	10.33
Telford & Wrekin	59.2	19.7	11.3	8.4
Bassetlaw	32.95	18.83	18.83	0
Walsall	39.2	18.7	6.3	12.4
Ashfield	39.68	18.61	18.61	0
Wellingborough	42.24	18.16	12.99	5.17
Stoke-on-Trent	38.18	18.09	13.76	4.33
Leicester	31.32	17.97	13.59	4.38
Worcester	24.65	17.15	16.95	0.2
Mansfield	37.86	17.1	17.1	0
Coventry	31.61	16.59	10.04	6.55
South Holland	39.09	16.3	16.3	0
Stafford	33.73	15.93	9.82	6.11
Redditch	45.5	15.88	15.88	0
Rugby	44.62	15.82	11.22	4.6
Dudley	39.79	15.47	8.61	6.86
North East Derbyshire	48.33	15.45	11	4.45
Wolverhampton	41.63	15.14	6.06	9.08
Wychavon	40.81	15.07	15.07	0
South Kesteven	34.29	15	14.6	0.4
Birmingham	38.46	14.94	11.47	3.47
Amber Valley	47	14.68	9.3	5.38
Nottingham	34.25	14	8.72	5.28
Kettering	33.59	13.9	11.02	2.88
Newcastle-under-Lyme	44.72	11.61	10.5	1.11
Newark & Sherwood	39.69	11	11	0
Bolsover	31.72	10.84	10.54	0.3
Cannock Chase	38.31	10.79	9.85	0.94
Sandwell	37.95	10.76	7.82	2.94
Corby	32.08	10.7	10.3	0.4
High Peak	40.82	9.82	9.4	0.42

## 2005 / 2006 CALCULATIONS & NOTES

## ANNEXE B (TW)

A	WASTE DISPOSAL estimate	Derby TLS	30,520.47
		Bradgate L	693.95
		Clinical	11.44
<b>B</b>	<b>WASTE 2005/2006</b>		<b>31,225.86</b>
C	COMMERCIAL WASTE		1,263.17
D	GULLIES		266.14
E	FLYTIPPING		350.45
F	DCOUNTY RECYCLED WHITE GOODS		54.00
<b>G</b>	<b>HOUSEHOLD WASTE COLLECTED</b>		<b>29,292.10</b>
	(B - C - D - E - F)		
H	RECYCLING	Q1 - Q4	5,192.89
I	COMPOSTING	Q1 - Q4	4,883.02
<b>J</b>	<b>HOUSEHOLD WASTE ARISING</b>		<b>39,368</b>
	(G + H + I)		

82A+Ai RECYCLING  $\frac{5,193}{39,368} \times 100\% = 13.19\%$

82B+Bi COMPOSTING  $\frac{4,883}{39,368} \times 100\% = 12.40\%$

COMBINED 25.59%

84A kg household waste collected per head

$\frac{39,368 \text{ WASTE ARISING}}{85,400 \text{ POPULATION}} \times 100\% = 460.98 \text{ kg}$   
DISPOSED 343.00 kg

84B % change kg household waste collected per head to last year

461kg - 475kg = minus 14kg  
minus 14kg / 475kg x 100% = -2.95%

91A households served by kerbside 98.78%

$\frac{36,194}{36,640} \times 100$

91B households served by 2+ MATERIALS ker 68.94 %

$$\frac{25,259}{36,640} \times 100$$

## EXECUTIVE SUMMARY (ANNEXE C).

### Waste Minimisation

The Plan seeks to build on the partnership working that is already being undertaken within the Derbyshire Integrated Waste Management Group (Derbyshire County Council in its capacity as the Waste Disposal Authority, Derby City in its capacity as both Waste Disposal and Waste Collection Authority, and all the Derbyshire Borough and District Authorities in their capacities as Waste Collection Authorities).

The main thrust of the work concerns awareness raising and education, the promotion of re-usable nappies and the promotion of home composting.

The Plan includes provision for the Council to review its current waste management policies and to seek re-use alternatives.

The detailed Action Plan is shown below:

Waste Min. Option	Action	Performance Measures	Deadline
WM1: Increase awareness/ education.	Continue to participate in the Derbyshire Integrated Waste Management Group and other interested groups' initiatives.	Number of initiatives undertaken annually. Measure of their effectiveness.	Ongoing.
	Continue to maintain, update and improve information on the Council's web site.	Regular review as required. Consultation.	Ongoing.
WM 2: Support re-usable nappies.	To continue to participate in the Derbyshire Real Nappy Project.	Number of initiatives undertaken annually. Measure of their effectiveness.	Ongoing.
	Take opportunities to increase awareness through recycling schemes' publicity information.	Number of initiatives undertaken annually. Measure of their effectiveness.	Ongoing.



Waste Min. Option	Action	Performance Measures	Deadline
WM3: Promote home composting	Continue to participate in the Derbyshire County/WRAP Home Composting Initiative.	Increase in the number of home composters in the District.	Ongoing.
WM4: Promote Re-use	Encourage diversion from bulky waste stream by developing re-use partnerships.	Decrease in bulky collections.	2006/07 onwards.
	Take opportunities to increase awareness through recycling schemes' publicity information.	Decrease in bulky collections.	2006/07 onwards.
WM5: Review waste collection policies - Side refuse. Bin lids - open or closed. Larger bins policy. Bin sizes.	Options appraisal report to Members.	Reduction in domestic waste for disposal.	October 2006.
WM6: Reduce junk mail	Promote Mail preference service on website and communications with residents	Increase in use of the Mail Preference Service	April 2006.
WM7: Encourage new shopping habits	Promote use of local markets, unpackaged foods and purchasing direct from producers through web-site and other publicity information. Continue to participate in the Derbyshire Integrated Waste Management Group and other interested groups' lobbying and initiatives.	Reduced packaging in the domestic waste stream (aspiring rather than measurable).	Ongoing.

Waste Min. Option	Action	Performance Measures	Deadline
WM8: Reduce domestic waste for disposal in high waste producing areas.	Identify high waste producing areas. Research and investigate potential reasons/solutions. Implement a pilot scheme to reduce waste. Continue to participate in the Derbyshire Integrated Waste Management Group and other interested groups' initiatives.	Decrease in domestic waste for disposal in high waste producing areas.	06/07 & ongoing.

The Government expects Councils to be addressing and reducing the levels of household waste being collected. The Best Value Performance Indicator (BVPI 84) for the amount of waste collected per head of population places South Derbyshire in the worst quartile for English District Councils; this is in common with three other Derbyshire District Councils. However, Derbyshire as a County is in the best performing quartile for this indicator.

The table below compares the waste collected in Derbyshire against the waste collected in Leicestershire. The waste collected by District Councils in Derbyshire is greater than in Leicestershire but the amount of waste collected at Civic Amenity Sites is much greater in Leicestershire than in Derbyshire. The differences will be due to a number of factors such as differing waste collection systems and the level of Civic Amenity Sites provision.

	Derbyshire	Leicestershire
Average waste collected by District Councils.	429kg/person/year	358kg/person/year
Average waste to Civic Amenity Sites	52kg/person/year	172kg/person/year
Total	481kg/person/year	530kg/person/year

Nevertheless the effective implementation of the Waste Minimisation Action Plan detailed above will demonstrate the Council's commitment and efforts to minimise the amount of waste being collected.

## **Recycling**

The Plan seeks to build on the Council's current schemes. It provides for the Compost Scheme to be implemented across the whole of the district over the next four years (the scheme has been implemented so far in 18,000 households out of the current 36,000 households in the district).

It provides for the "Green Boxes Scheme", or equivalent, to be implemented across the whole of the district over the next four years (the scheme has been implemented so far in 24,000 households in the district, including all the households serviced by the Compost Scheme).

The Plan includes actions aimed at increasing participation and capture rates in the Council's recycling schemes.

The Plan seeks to maintain and improve the performance of the Council's 75 recycling Centres.

The Plan reflects that recycling is an activity that has developed rapidly in recent years both in terms of its public profile and technology. The Plan recognises that the Council, and its partners, will need to continue to work together in order to keep pace with future developments.

The detailed Action Plan is shown below:

<b>Recycling/ Composting Option</b>	<b>Action</b>	<b>Performance measure</b>	<b>Deadline</b>
RC1: Review of Compost Kerbside Scheme	Review the Council's current compost scheme taking into account the implementation of the Animal By-Products regulations and its financial implications.	Report for Members' approval.	April 2005.
RC2: Extend compost kerbside scheme	Extend the compost scheme across the whole of the district: 05/06 - 3,000 no. 06/07 - 6,000 no. 07/08 - 6,000 no. 08/09 - 3,000 no.	BVPIs for the kerbside recycling and composting of household waste. (Projected annual increase on the recycling rate of 0.65% per 1,000 properties).	September 2008.

Recycling/ Composting Option	Action	Performance measure	Deadline
RC3: Extend paper kerbside collections	3,000 houses (new and existing) to be added onto existing scheme.	BVPis for the kerbside recycling and composting of household waste.	05/06
	'New houses' to be given paper collections when new roads/estates are completed as part of a rolling programme.	BVPis for the kerbside recycling and composting of household waste.	Ongoing.
RC4: Extend dry recyclables kerbside collections (paper, glass, cans, foil & textiles).	Extend "green box" scheme to further 12,000 properties (the first 12,000 properties in the district were placed on the scheme in January 2004).	BVPis for the kerbside recycling and composting of household waste. (Projected annual increase of 3% on the recycling rate).	November 2004.
	Extend the "green box" scheme across the whole of the district (a further 12,000 properties).	BVPis for the kerbside recycling and composting of household waste. (Projected annual increase of 3% on the recycling rate).	06/07.
	Add new properties onto collection scheme - review every 6/12 months	Increase tonnage collected	05/06 & ongoing.
RC5: Review the scheme for the collection of dry recyclables in regard to the range of materials collected and the frequency and methods of collection.	Options Appraisal for Members' consideration.	BVPis for the kerbside recycling and composting of household waste. Public satisfaction. Cost.	05/06.
RC6: Review the provision of recycling centres in regard to numbers, locations, condition, access, signage and usage.	Report for members' consideration.	BVPI for the recycling and composting of household waste. Public satisfaction. Cost.	05/06

Recycling/ Composting Option	Action	Performance measure	Deadline
RC7: Improve the performance of the Council's composting and recycling services in regard to participation & capture rates.	Measure and monitor the performance of the services on a round by round basis. Target specific initiatives in low performing areas. Measure the effectiveness of the above initiatives & implement the learning points for future ideas. Maintain a regular waste awareness raising/publicity/ education profile.	BVPI for the recycling and composting of household waste. Public satisfaction.	05/06 & ongoing.

Central Government has set recycling targets for all Councils in recent years culminating in the setting of Statutory Recycling Standards for the financial year 2005/06. The Council's standard is for 21% of all household waste collected to be recycled. The Council is likely to meet the Standard in the current financial year 2004/05. Details of the Council's Recycling performance are shown in Annexe 3 (Best Value Performance Indicators).

No targets or standards have been set beyond 2005/06 but the indications are that Authorities will be expected to work together on a County-wide basis in order to adopt a more holistic approach to increasing the amount of waste recycled.

The Council is working together currently with all the other Derbyshire Authorities to produce a new Waste Strategy for Derbyshire and the Waste Minimisation and Recycling Action Plans outlined above fall into line with the emerging strategy.

