



Waste Action Plan for Bolsover

**Derbyshire and Derby City Joint Municipal
Waste Management Strategy
2013-2026**



January 2017



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1. Introduction

In April 2011 Bolsover District Council (BDC) and North East Derbyshire District Council (NEDDC) formed a 'Strategic Alliance' to work together through shared services including waste management provision.

1.1 Bolsover District Council

The district of Bolsover has a 35,020 households and covers an area of 62 square miles. Around half of the population live in Bolsover, Clowne, Shirebrook and South Normanton with the remaining in rural areas, villages and hamlets. The district of Bolsover is located close to national road links and urban areas within South Yorkshire and Nottinghamshire.

1.2 Derbyshire Joint Municipal Waste Management Strategy

In 2013 the Derbyshire Waste Partnership (DWP), made up of all the councils in Derbyshire and Derby City Council, reviewed the Derbyshire and Derby City Joint Municipal Waste Management Strategy (DJMWMS). The revised strategy and supporting documentation can be found at: www.derbyshire.gov.uk/wastestrategy

This action plan for 2017 identifies the specific services that are currently provided or planned by BDC to help achieve the vision and objectives of the strategy. A timetable of activities is given in Table 9 on page 14.





2. Existing Waste Management Services

This section summarises the waste management services currently provided by BDC, covering waste prevention, reuse, recycling, composting, general waste collections and related services. The key waste management services currently offered by BDC are outlined in a set of tables.

In May 2011, the Council introduced a three wheeled bin collection system to increase recycling opportunities for householders. Recycling is collected in a burgundy bin, garden waste in a green bin and general waste in a black wheeled bin. The standard wheeled bin size now issued is 180 litres. Householders can opt for smaller or larger sizes in certain circumstances. The black and burgundy wheeled bins are collected on alternate weeks throughout the year. The garden waste collection service operates on a fortnightly basis from March until November, stopping during the winter months.

2.1 Waste Prevention and Reuse

The Council promotes a range of waste prevention, reduction and reuse initiatives. This includes working with the DWP to promote a range of initiatives such as home composting, food waste reduction (the Love Food Hate Waste campaign), furniture and textile reuse, and real nappies.





2.2 Kerbside Dry Recycling Collection Service

The burgundy wheeled bin has an inner caddy for paper. All other items are placed in the main body of the bin. A small number of properties in rural areas do not have the inner caddy for paper due to the nature of the collection vehicle used for rural rounds. Excess recyclate can be deposited in a clear bag alongside the burgundy bin on collection day.

Table 1 - Kerbside Dry Recycling Collection Service (2015/16 data)

Description	Collection Details
Coverage	100% (35,020 households)
Receptacles	240 litre wheeled bin: 100% (35,020 households)
Collection frequency	Fortnightly
Materials collected	Paper, card, cans, glass, mixed plastic, textiles, footwear, batteries, aluminium foil, small household batteries, waxed packaging and shredded paper from 1/11/2015.
Service provider	H W Martin Waste Ltd
Term of contract	November 2010 – October 2017 ¹
Tipping point/Destination	Sheepbridge, Chesterfield, Clover Nook Waste Transfer Station, Alfreton, Derbyshire.
Tonnage collected 2015/16	6,956 tonnes

¹BDC has an option to extend for a further two years up until 2017.



2.3 Kerbside Garden Waste Collection Service

The garden waste collection service operates on a fortnightly basis throughout from March until November, stopping during the winter months. All households are offered the service and are provided with green wheeled bins. From May 2014 a new food waste collection service began with food waste being collected with garden waste. The waste is made into soil improver at a new in-vessel composting facility at Arkwright, Chesterfield. The suspension of this service during the winter months may be reviewed if the demand or waste levels increase during this period.

Table 2 - Kerbside Garden Waste Collection Service (2015/16 data)

Description	Collection Details
Current coverage	100% of households (35,020) are offered the service
Receptacles	240 litre wheeled bin: 100% (35,020 households)
Collection frequency	Fortnightly
Materials collected	Green garden and food wastes (March to end of November)
Service provider	In-house
Term of contract	Indefinite
Tipping point/destination	Arkwright In-vessel composting plant, Hassockey Lane, Arkwright, Chesterfield, Derbyshire
Tonnage collected 2015/16	6,574 tonnes





2.4 Kerbside General Waste Collection Service

The majority of households receive a fortnightly general waste collection service. Side waste is accepted during the Christmas period and in extreme weather conditions. Households with six or more permanent occupants can apply for a larger or additional waste and/or recycling bin. Householders must complete an application form and demonstrate that they are using the available recycling and organic waste collection services. Face to face advice can be given to householders on how to manage their waste if required.

Table 3 - Kerbside General Waste Collection Service (2015/16 data)

Description	Collection Details
Coverage	100% (35,020 households)
Receptacles	180 litre wheeled bin: 3.1% (1085 households) 240 litre wheeled bin: 96.7% (33,864 households) 360 litre wheeled bin: 0.3% (105 households)
Collection frequency	Fortnightly
Service provider	In-house
Term of contract	Indefinite
Tipping point/Destination	50% Energy from Waste (via Sheepbridge, Chesterfield) 50% Energy from Waste (via Clover Nook, Alfreton)
Tonnage collected 2015/16	18,496 tonnes

2.5 Bring Sites

The Council currently operates 46 bring sites that complement the kerbside recycling service. In 2012/13 a total of 169 tonnes of materials were collected through the bring sites. A summary of the service offering is provided below in Table 4.

Table 4 - Bring Site Service (2015/16 data)

Material	Number of sites	Tonnage	Collection organisation
Mixed glass	11	32	Recresco Ltd
Mixed cans	14	1.6	Recresco Ltd
Textiles	46	31	Various charity banks
Footwear	14	2.25	Various charity banks



2.6 Other Waste Collection Services

The Council provides a number of collection services that range from commercial waste, bulky waste from households, healthcare, street litter and fly-tipping. Each service is listed below in Table 5 and shows performance achieved during 2015/16.

Table 5 - Other Waste Collection Services (2015/16 data)

Collection Service	Collection and Performance Details
Commercial and chargeable household waste	Tonnage: 1,463 tonnes Number of customers: 460 Destination: Landfill (Chesterfield / Clover Nook)
Bulky waste	The bulky waste collection service is chargeable with a concessionary rate for householders in receipt of benefits. Tonnage: 350 tonnes Number of appointments: 1,701 Tipping point/destination: Landfill (Chesterfield / Clover Nook) Electrical items are sent to Sims Group (UK) Ltd
Hazardous/Healthcare waste	Hazardous infectious (Category A) are collected separately and disposed via incineration. Less hazardous waste is collected via normal kerbside collections and disposed with other residual household wastes. Tonnage: 106 tonnes Number of collections/customers: 574 Tipping point/destination: Energy from Waste, Eastcroft, Nottingham via Clover Nook transfer station at Alfreton.
Street litter/sweepings (including highways waste)	Tonnage: 661 tonnes Tipping point/destination: Landfill (Chesterfield / Clover Nook)
Fly-tipping (illegal dumping)	Tonnage: 77 tonnes Number of pickups: 827 Tipping point/destination: Landfill (Chesterfield / Clover Nook)



3. Waste Management Service Performance

This section summarises the service performance trends over the past five years and forecasts future performance until 2017/18 based on the new recycling services introduced in 2011.

3.1 Service Performance

Table 6 below highlights the positive impact on recycling performance created by the expansion of the recycling scheme in June 2007 and the introduction of the burgundy recycling bin in May 2011 (this replaced the kerbside box collection service). There has also been a steady increase in green waste (per household) composted. Waste reduction (kg per household) is evident with a significant reduction recorded at the household level.

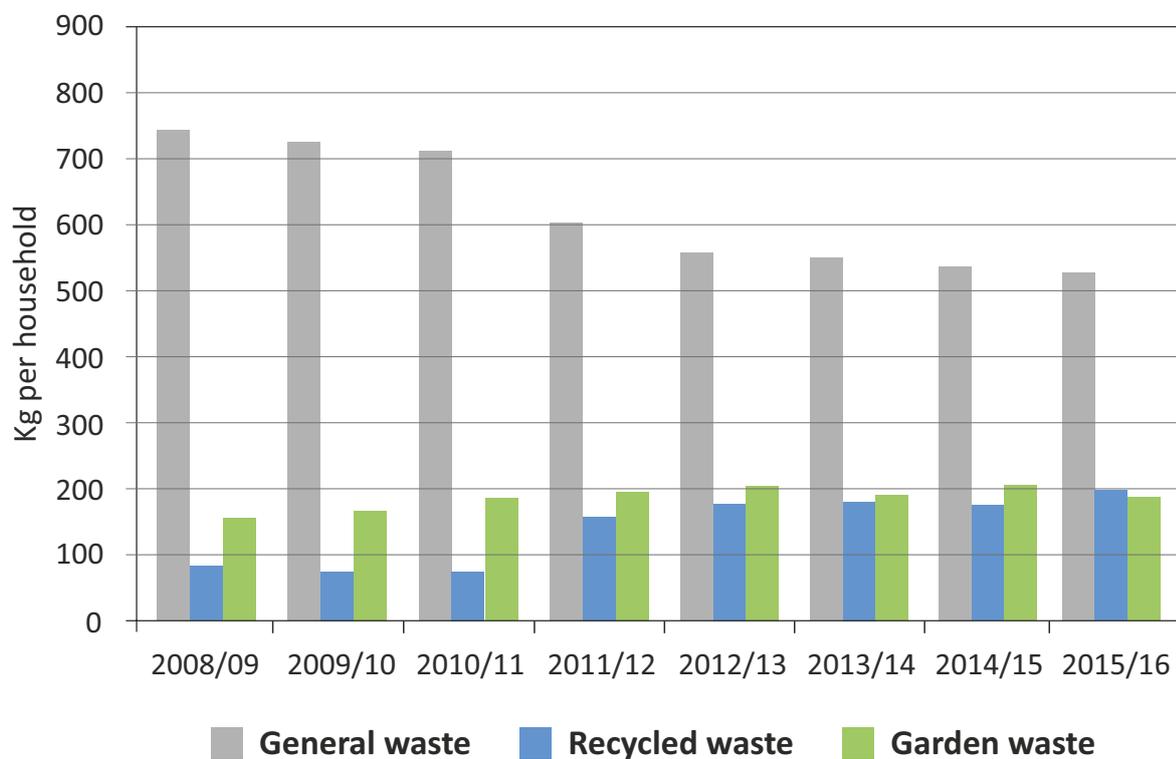
Table 6 - Service Performance 2008/09 – 2015/16

Description of Performance Category	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
	Actual							
Household waste recycled	10.5%	9.2%	8.8%	16.1%	19.2%	19.6%	19.1%	21.7%
Household waste composted	15.5%	17.7%	18.7%	20.7%	21.7%	20.7%	22.2%	20.6%
Household waste recycled and composted	26.0%	26.9%	27.5%	36.8%	40.9%	40.3%	41.3%	42.3%
General household waste collected (per household)	745kg	726kg	711kg	604kg	548kg	550kg	537kg	528kg
Garden waste collected (per household)	156kg	167kg	186kg	197kg	201kg	190kg	202kg	188kg
Recyclate collected (per household)	81kg	74kg	73kg	157kg	178kg	180kg	175kg	199kg
Total waste collected (per household)	982kg	967kg	970kg	958kg	927kg	920kg	915kg	915kg



Figure 1 illustrates the changes in service performance over the past eight years. This shows that general waste collected has gradually decreased with a significant reduction following the introduction of the third wheeled bin in May 2011. Since then recycling and garden waste collected per household has also significantly increased.

Figure 1 - Service Performance 2008/09 – 2015/16



3.2 Future Performance Projections

BDC is committed to increasing composting by introducing food waste collections and has set a recycling and composting target of 45% to be achieved by March 2015². BDC’s performance projections from 2013/14 to 2017/18 are highlighted in Table 7.

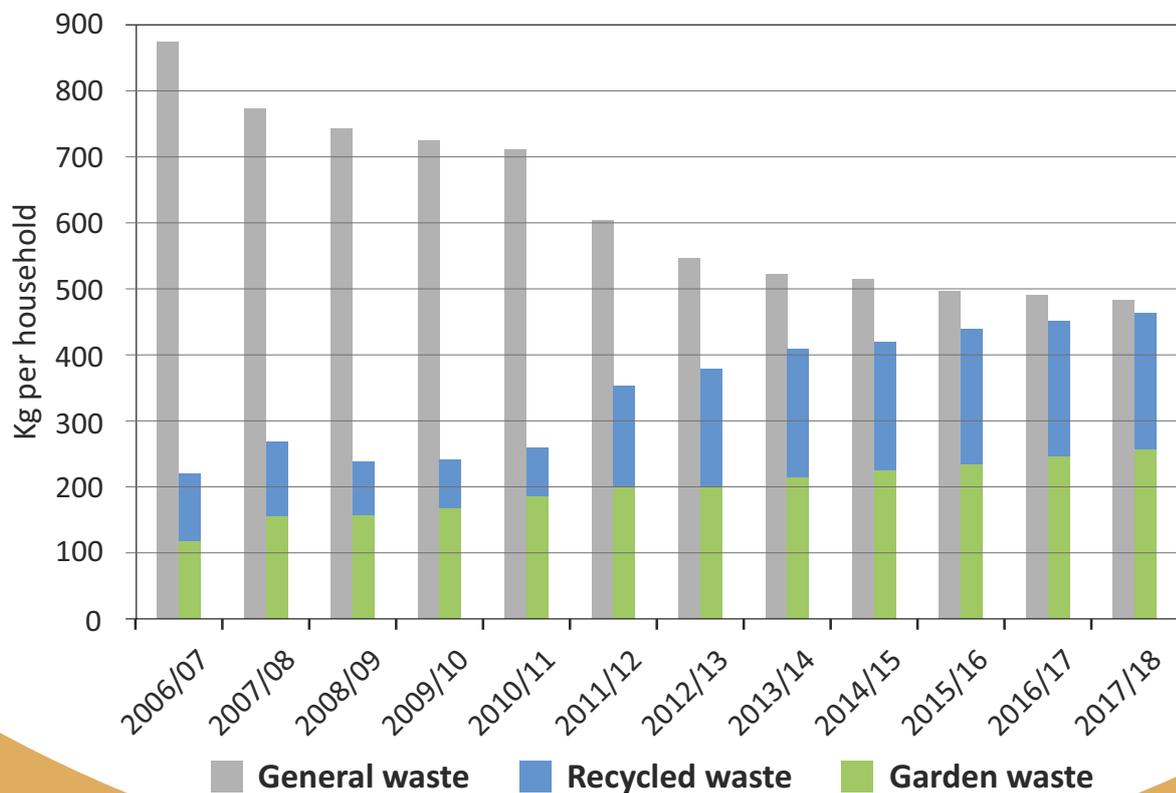
² Bolsover District Council – Annual Report 2013



Table 7 - Service Performance Projections

Description of Performance Category	2013/14	2014/15	2015/16	2016/17	2017/18
Household waste recycled	21%	21%	22%	22%	22%
Household waste composted	23%	24%	25%	26%	27%
Household waste recycled and composted	44%	45%	47%	48%	49%
General household waste collected (per household)	522kg	514kg	497kg	490kg	483kg
Green waste collected (per household)	214kg	224kg	234kg	245kg	255kg
Recyclate collected (per household)	195kg	196kg	206kg	207kg	208kg
Total waste collected (per household)	931kg	934kg	937kg	942kg	946kg

Figure 2 - Service Performance Projections 2006/07 – 2017/18





4. Action Plan

A summary of current or planned changes to waste management services by service area is outlined in this section using the delivery options that have been identified in the strategy. These proposals will contribute to the vision and objectives of the strategy and drive change in waste prevention, reuse, recycling and composting by the Council.

4.1 Waste Prevention and Reuse Initiatives

The Council is committed to undertaking a number of initiatives to encourage and promote waste prevention and reuse. The Council changed its policy (September 2014) to reduce the standard general waste wheeled bin size from 240 litres to 180 litres. This will be undertaken gradually for new households, when replacement bins are required or on request from households. Households that are provided with larger general waste bins and do not use the available recycling services will have the larger bin replaced with the standard size. Households receiving a larger bin will be reviewed should circumstances change.

From November 2015, the council extended the range of materials residents are able to recycle at the kerbside to include waxed packaging.

The Council will further develop and promote the following initiatives in partnership with the DWP to prevent waste and encourage reuse:

- A home composting scheme provided across the county that offers householders discounted composting bins and composting information.
- The national Love Food Hate Waste promotional campaign provides information and events for householders to reduce food waste by shopping more carefully, planning meals and using up their leftovers.
- Furniture reuse through local furniture projects and third sector organisations to encourage diversion of bulky waste materials from disposal providing good quality furniture to householders on a budget.
- Freecycle, Freegle, waste exchange sites and internet auction websites to encourage reuse.
- Waste prevention within the council to reduce waste and costs.
- The reuse and recycling of electrical and electronic equipment.
- On-going marketing and promotion to maximise waste prevention and reuse by householders.
- Support the County Council in working with charities and encourage households to donate more items.



4.2 Recycling and Composting Initiatives

Kerbside Dry Recycling Collection Service

The Council will further develop and promote the following initiatives in partnership with the DWP to increase recycling:

- **HW Martin Waste Ltd are contracted to deliver the kerbside dry recycling collection service until October 31st 2016/17. The contract has a focus on increasing participation and a commitment to recycling as much household waste as possible.**
- **Efforts to minimise contamination and increase public understanding of the importance of putting out the requested material will be further developed. This includes increasing the understanding around which plastics can be accepted for recycling.**
- **The Council will consider the expansion of materials accepted at the kerbside to include plastic film, cardboard beverage packaging and small electrical items.**

Kerbside Garden Waste Collection Service

The Council will further develop and promote the following initiatives in partnership with the DWP to increase composting:

- **On-going marketing and promotion will help to maximise composting activity by householders.**
- **Delivery of organic waste to the Arkwright In-Vessel Composting plant, which opened in May 2014, will enable the Council to collect food waste with garden waste. The Council utilised Derbyshire County Council funding to provide and promote kitchen caddies and embarked on an extensive promotional campaign to encourage householders and commercial premises to use the new services.**





Kerbside General Waste Collection Service

The Council will further develop and promote the following initiatives in partnership with the DWP to reduce general waste:

- **There are no planned operational changes to the general waste collection service. The service will continue to be provided by council staff.**
- **The Council reduced (September 2013) the general waste wheeled bin size from 240ltr to 180 ltr to reflect reducing amounts of general waste collected. This will be on a gradual basis at new build properties and as bins require replacement. Fortnightly general waste collections will continue.**

Bring Sites

The bring site service provision and performance will be reviewed following reduction in their demand. Consideration will be given to reducing or removing these sites depending on the usage of the sites.

4.3 Communication and Promotional Activity

The Council will continue to pursue a wide range of promotional activity and pursue funding opportunities where ever possible to facilitate this.

The Council are now promoting the new food waste collection service. In 2015/16 a recycling promotion assistant was funded through the Waste Performance and Efficiency Grant. This post is for both NEDDC and BDC with the post focussing primarily on the roll out of the food waste collection services.

4.4 Carbon Improvement Measures

The Council is continuously working towards operating efficient collection arrangements where feasible. Service provision is reviewed regularly to maximise carbon benefits. One example is the use of electric bin lifts that reduce diesel fuel use and carbon emissions. The Councils refuse collection fleet now utilises the latest Euro 6 engine technology.



4.5 Risk Assessment

The potential risks associated with delivering actions are identified in Table 8.

Table 8 - Potential Risks

Issue	Description	Mitigation	RiskLevel		
			High	Med	Low
Legislative change	Unknown issues that could affect day to day operations.	Work with DWP to lobby government and respond to consultations.		X	
Changing consumer behaviour/ consumption patterns	Increase or reduction in yields of food waste, garden and recycling.	Review waste prevention, recycling and reuse systems to ensure effective material capture.		X	
Bulky waste diversion	Availability of suitable outlets to divert reusable bulky waste items.	Review all furniture reuse organisations operating within the region.		X	
Lack of markets for additional items for kerbside material expansion	Unable to source a reliable local market for items such as small electricals, cardboard beverage packaging and plastic film.	Continue to promote waste prevention and work with DWP to lobby for continued packaging reform.		X	



4.6 Action Plan Timetable

This action plan identifies the key actions of the strategy that BDC will undertake between 2013 and 2018. The timetable shown in Table 9 identifies specific actions and initiatives that contribute to the vision and objectives of the waste strategy.

Table 9 - Action Plan Timetable

	Action	2013/14				2014/15				2015/16				2016/17				2017/18			
		Q1	Q2	Q3	Q4																
Prevention	1 Review the non-collection of extra general waste put at the side of the main bin			█	█																
	2 Promote SMART (Save Money and Reduce Trash) shopping to encourage households to buy items with less packaging, use reusable bags and buy refill packs							█				█			█						█
	3 Promote the Love Food Hate Waste campaign	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	4 Raise awareness of reducing junk mail							█				█			█						█
	5 Encourage waste prevention as part of the Council's own activities and operations					█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	6 Make bins for general waste smaller to encourage more recycling & composting through gradual replacement			█	█																
	7 Run more promotional campaigns to schools and householders to encourage everyone to minimise waste	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Reuse	8 Review and seek opportunities to increase the reuse of furniture and large items collected by councils								█												█
	9 Run more promotional campaigns to schools and householders to encourage everyone to reuse waste	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Recycling & Composting	10 Make sure that households know what can be recycled and composted and checking that the right materials are placed in the right bins					█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	11 Recycle more waste collected by the councils from businesses									█	█										
	12 Promote collection of food waste with garden waste																				█
	13 Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	14 Review and consider increasing the range of materials collected for recycling from households									█				█							█
Other	15 Align bulky waste collection service with NEDDC																				█
	16 Review bring site service provision																				█
	17 Review overall waste management policies	█	█																		█
	18 Kerbside recycling contract review/renewal																				█
	19 Action Plan review (to include review of Strategy options)																				█

Responsibility: █ BDC █ BDC & NEDDC █ DWP █ Completed

A progress review of the action plan will take place on an annual basis and also when fundamental changes or significant deviations from projected performance occur. There will also be a complete review at the point of the next DJMWMS review in 2018.



4.7 Delivery of the Strategy

The matrix below identifies how BDC's actions set out in this report contribute to the objectives of the strategy. Where an action set out by BDC directly contributes to a strategy objective it is coloured blue and where an action partially contributes to a strategy objective it is coloured green.

Table 10 - Action Plan Contribution to the Delivery of the Strategy

		Action	Objectives											
			Reduced waste	Increased reuse and recycling of waste	Reduced waste to landfill	Increased understanding and engagement leading to high levels of customer satisfaction	An accessible, efficient, effective and value for money service	Improved Resource Efficiency	Reduced carbon/climate change impacts	Protection of natural resources	Management of non-household wastes	Local self-sufficiency		
Prevention	1	Review the non-collection of extra general waste put at the side of the main bin												
	2	Promote SMART (Save Money and Reduce Trash) shopping to encourage households to buy items with less packaging, use reusable bags and buy refill packs												
	3	Promote the Love Food Hate Waste campaign												
	4	Raise awareness of reducing junk mail												
	5	Encourage waste prevention as part of the Council's own activities and operations												
	6	Make bins for general waste smaller to encourage more recycling & composting through gradual replacement												
	7	Run more promotional campaigns to schools and householders to encourage everyone to minimise waste												
Reuse	8	Review and seek opportunities to increase the reuse of furniture and large items collected by councils												
	9	Run more promotional campaigns to schools and householders to encourage everyone to reuse waste												
Recycling & Composting	10	Make sure that households know what can be recycled and composted and checking that the right materials are placed in the right bins												
	11	Recycle more waste collected by the councils from businesses												
	12	Promote collection of food waste with garden waste												
	13	Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost												
Other	14	Review and consider increasing the range of materials collected for recycling from households												
	15	Align bulky waste collection service with NEDDC												
	16	Review bring site service provision												
	17	Review overall waste management policies												
	18	Kerbside recycling contract review/renewal												
	19	Action Plan review (to include review of Strategy options)												

■ Direct contribution to objective
 ■ Indirect/partial contribution to objective



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Waste Management, Derbyshire County Council
County Hall, Matlock, Derbyshire DE4 3AG

Telephone: 01629 538532

Email: wastemanagement@derbyshire.gov.uk

Visit www.derbyshire.gov.uk/wastestrategy
for more information about reducing, reusing, recycling and composting
or to find out more about dealing with Derbyshire and Derby's waste.