

# Waste Action Plan for Derbyshire Dales

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









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# 1. Introduction

# 1.1 Derbyshire Dales District Council

Derbyshire Dales District Council (DDDC) is a mainly rural local authority with a large area located within the Peak District National Park. Derbyshire Dales has four main towns that are Ashbourne, Bakewell, Matlock and Wirksworth. The population is 71,336 with a housing stock of 33,395. The population is older than the national average with population growth estimated to be lower than the national average in the next ten years. Housing growth averages at about 500 new properties per year. The main employment sectors are public services, distribution and tourism.

# 1.2 Derbyshire and Derby City 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 DDDC to help achieve the vision and objectives of the strategy. A timetable of activities is given in Table 10 on page 17.







# 2. Existing Waste Management Services

This section summarises the waste management services currently provided by DDDC, covering waste prevention, reuse, recycling, composting, general waste collections and related services. The key waste management services currently offered by DDDC are outlined in a set of tables on pages 3-8.

In October 2012, the Council introduced a three wheeled bin and kerbside caddy collection system to increase recycling opportunities for householders. Recycling is collected in a blue lidded bin and blue sack, garden waste in green lidded bin, food waste in the kerbside caddy and general waste in a grey lidded wheeled bin. The standard wheeled bin size for recycling and green waste is 240 litres and the caddy is 23 litres. The general waste bin has a 140 litre capacity. Householders can opt for smaller or larger sizes in certain circumstances. All wheeled bin collection services are collected on alternate weeks throughout the year with the kerbside food caddy collected weekly.

#### 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. DDDC currently employs one full time temporary Recycling Adviser to help householders reduce, reuse, recycle and compost more of their waste.







# 2.2 Kerbside Dry Recycling Collection Service

The blue lidded wheeled bin has an inner caddy for paper and card. All other items are placed in the main body of the bin. The majority of households receive a wheeled bin service with a smaller number remaining on kerbside boxes and reusable sacks. Household batteries can be collected if placed in a clear bag.

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

Description	Collection Details
Coverage	100% (33,395 households)
Receptacles	55 litre kerbside box: 14.3% (4,775 households) Reuseable sack (paper/card): 14.3% (4,775 households) Reusable sack (plastic): 14.3% (4,775 households) 240 litre wheeled bin: 85.7% (28,620)
Collection frequency	Fortnightly
Materials collected	Paper, card, cans, glass, aerosols, mixed rigid plastic, batteries, aluminium foil trays, cardboard beverage packaging
Service provider	Serco
Term of contract	August 2012 – August 2020
Tipping point/Destination	Serco, Longcliffe, Brassington, Derbyshire
Tonnage collected 2015/16	6,616 tonnes collected





#### 2.3 Kerbside Garden Waste Collection Service

The garden waste collection service operates on a fortnightly basis. Since October 2012 the service collects garden waste only, prior to this it was a mixed garden and food waste service. Householders can purchase a second wheeled bin for garden waste if necessary. Properties that are unable to accommodate a wheeled bin can use compostable sacks.

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

Description	Collection Details
Current uptake	100% of households are offered the service
Receptacles	Non-reusable sacks: 14.3% (4,775 households) 140 litre wheeled bin: 4% (1,336 households) 240 litre wheeled bin: 81.7% (27,284 households)
Collection frequency	Fortnightly
Materials collected	Green garden waste only
Service provider	Serco
Term of contract	August 2012 – August 2020
Tipping point/destination	Vital Earth (Derby) Limited are contracted to take all garden and food waste.
Tonnage collected 2015/16	7,270 tonnes of garden waste







#### 2.4 Kerbside Food Waste Collection Service

The kerbside food waste collection service was introduced in October 2012 and operates on a weekly basis. All households are offered the service and have received a 23 litre kerbside caddy, a 5 litre caddy for use in the kitchen and a roll of 52 kitchen caddy liners (annual supply). Additional liners can be purchased.

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

Description	Collection Details
Current uptake	100% of households are offered the service
Receptacles	23 litre kerbside caddy: 100% (33,395 households)
Collection frequency	Weekly
Materials collected	Food waste only
Service provider	Serco
Term of contract	August 2012 – August 2020
Tipping point/destination	Vital Earth (Derby) Limited
Tonnage collected 2015/16	1,199 tonnes



#### 2.5 Kerbside General Waste Collection Service

All householders are offered a fortnightly general waste collection service. The Council moved from a weekly to fortnightly collection service in October 2012. Households that cannot accommodate a wheeled bin remain on a sack collection service that is also collected on a fortnightly basis and is limited to four sacks per collection. Households with five or more permanent residents, a child in nappies or with medical issues can apply for a 240 litre bin instead of the standard 140 litre bin or a 6 sack allowance instead of a 4 sack allowance. A 'no side waste' policy is enforced.

Table 4 - Kerbside General Waste Collection Service (2015/16 data)

Description	Collection Details
Coverage	100% (33,395 households)
Receptacles	140 litre wheeled bin: 70% (23,377 households) 240 litre wheeled bin: 12% (4007 households) Communal bin: 3.7% (1236 households) Sacks: 14.3% (4,775 households)
Collection frequency	Fortnightly
Service provider	Serco
Term of contract	August 2012 – August 2020
Tipping point/destination	45% Waterswallows 52% Clover Nook 3% Raynesway
Tonnage collected 2015/16	10,763 tonnes





# 2.6 Bring Sites

The Council have removed all co-mingled bring banks as you can recycle all of these materials in your kerbside bins at home. However, there are still a few sites to recycle additional materials.

Table 5 - Bring Site Service (2015/16 data)

Material	Number of sites	Tonnage	Collection organisation
Textiles	49	67	Various charities
Footwear	45	3	Various charities
Books	xs 10		Various charities
WEEE banks	3	1	AWB

#### 2.7 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 6 and shows performance during 2015/16.



Table 6 - Other Waste Collection Services (2015/16 data)

Collection Service	Collectionand Performance Details
Commercial and chargeable household waste	Tonnage: 2,042 tonnes Number of customers: 750 Destination: Landfill via transfer stations at Waterswallows at Buxton, Clover Nook at Alfreton and Raynesway at Derby.
Bulky waste	The bulky waste collection service is chargeable with a concessionary rate for householders in receipt of benefits and over 65 years of age. Since October 2012, bulky waste collections are provided through a dedicated collection service. Bulky waste electrical items (fridges/freezers etc.) are collected separately for recycling. Householders are encouraged to consider donating reusable furniture and electrical items to furniture reuse organisation Encore (based in Ashbourne) or use online forums to swap or sell potentially reusable items. Tonnage: 75 tonnes disposed and 42 tonnes electrical items for recycling. Number of appointments: 1,363 Tipping point/destination: Landfill via Clover Nook transfer station, Alfreton Electrical items are separated for recycling through a nominated contractor who recycles the material in South Wales.
Hazardous/ Healthcare waste	Tonnage: 11 tonnes Number of collections/customers: 65 Tipping point/destination: Energy from waste incineration, Nottingham.
Street litter/ sweepings	Co-collected with fly-tipping by the Council's street cleansing team. Tonnage: 2,029 tonnes Tipping point/destination: Landfill via transfer stations at Waterswallows at Buxton, Clover Nook at Alfreton and Raynesway at Derby.
Highways waste	Tonnage: 320 tonnes Tipping point/destination: Landfill via transfer stations at Waterswallows at Buxton, Clover Nook at Alfreton and Raynesway at Derby.
Fly-tipping (illegal dumping)	Co-collected with street litter/sweepings by the Council's street cleansing team. Tonnage: 2,029 tonnes Number of pickups: 242 Tipping point/destination: Landfill via transfer stations at Waterswallows at Buxton, Clover Nook at Alfreton and Raynesway at Derby.





# 3. Waste Management Service Performance

This section summarises the service performance trends over the past seven years and forecasts future performance until 2016/17 based on the new recycling and composting services introduced in 2012.

#### **3.1 Service Performance**

Table 7 below highlights the positive impact on recycling performance created by the service changes since October 2012. This has increased the recycling and composting rates and reduced the amount of general waste

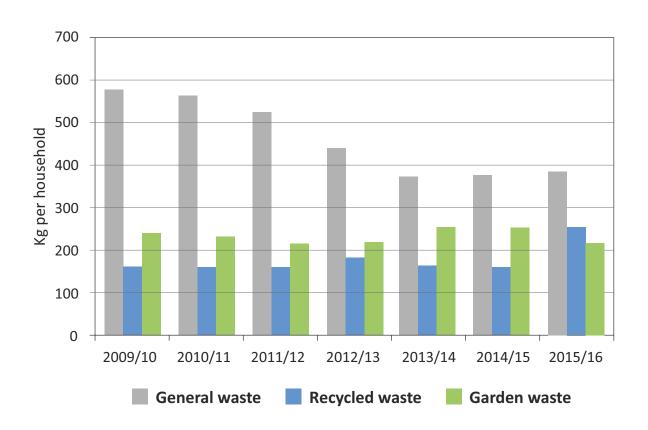
*Table 7 - Service Performance 2009/10 – 2015/16* 

<b>Description of</b>	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Performance Category	Actual						
Household waste recycled	16.6%	16.8%	17.9%	21.6%	26.0%	25.9%	25.52%
Household waste composted	24.4%	24.2%	23.9%	26.2%	30.1%	29.9%	29.64%
Household waste recycled and composted	41.0%	41.0%	41.8%	47.8%	56.1%	55.7%	55.16%
General household waste collected (per household)	577kg	563kg	525kg	440kg	373kg	375kg	384kg
Organic waste collected (per household)	239kg	231kg	215kg	220kg	256kg	253kg	218kg
Recyclate collected (per household)	163kg	160kg	161kg	182kg	221kg	219kg	254kg
Total waste collected (per household)	979kg	954kg	901kg	842kg	850kg	848kg	856kg



Figure 1 illustrates the changes in service performance over the past seven years. This shows that performance was relatively static until the 2012 service changes. General waste production per household has decreased significantly.

Figure 1 - Service Performance 2009/10 - 2015/16



# **3.2 Future Performance Projections**

DDDC has forecast performance projections from 2013/14 to 2017/18 outlined in Table 8. Figure 2 shows the overall trend from actual (Figure 1) to projected performance up until 2017/18. This projects a decline in general waste and an increase in recycling and composting as the new service is fully embraced by households.



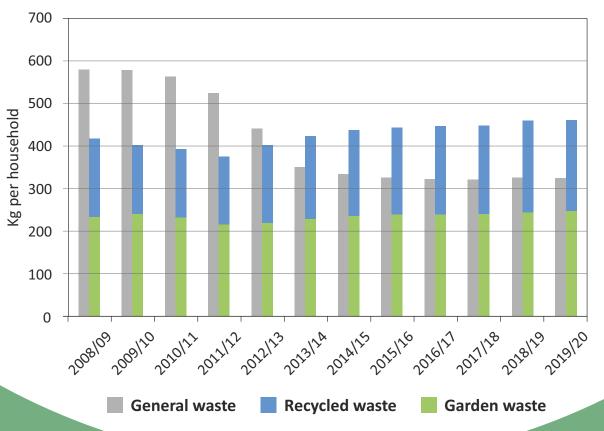




**Table 8 - Service Performance Projections** 

Description of Performance Category	2015/16	2016/17	2017/18	2018/19	2019/20
Household waste recycled	25.65%	26.01%	26.02%	26.02%	25.49%
Household waste composted	29.60%	29.99%	29.99%	30.00%	30.55%
Household waste recycled and composted	57.25%	56%	56.01%	56.02%	56.03%
General household waste collected (per household)	379kg	368kg	368kg	368kg	367kg
Green waste collected (per household)	251kg	246kg	246kg	246kg	249kg
Recyclate collected (per household)	217kg	215kg	215kg	215kg	213kg
Total waste collected (per household)	847kg	829kg	829kg	829kg	829kg

Figure 2 - Service Performance Projections 2008/09 - 2019/20









## 4. Action Plan

A summary of current or planned changes to waste management services 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 impact of moving the general waste collection service from weekly to fortnightly has significantly reduced waste arising per household. The side waste policy is being enforced that prevents the collection of any waste presented alongside the wheeled bin. 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 to increase recycling:

- On-going marketing and promotion will help to maximise recycling activity by householders.
- The Council has one temporary full time Recycling Adviser who is promoting the kerbside collection services to increase public participation and target low performing areas.
- Households that currently receive a box/sack collection will be reviewed with the intention to provide wheeled bins to properties where feasible.
- There are no planned operational changes to the current fortnightly recycling collection service within the terms of the current contract. Collection rounds may be rebalanced to increase efficiency.

#### **Kerbside Garden Waste Collection Service**

The Council will further develop and promote the following initiatives to increase composting:

- On-going marketing and promotion will help to maximise composting activity by householders.
- Contact extended in June 2016 until 2020.
- There are no planned operational changes to the current fortnightly collection service.
- Continue to increase composting by enabling householders to pay to have a second green bin and/or additional compostable sacks.







#### **Kerbside Kitchen Waste Collection Service**

The Council will further develop and promote the following initiatives to increase food waste composting:

- The service will be further promoted though the Recycling Adviser and will benefit from ongoing marketing and promotion to help maximise food waste separation by householders.
- The Council plans to review the current public participation rate and seek to improve it.
- Contract extended in June 2016 until 2020.
- There are no planned operational changes to the current weekly collection service.

#### **Kerbside General Waste Collection Service**

The Council will further develop and promote the following initiatives to reduce general waste:

- Households that currently receive a general waste sack collection will be reviewed with the intention to provide wheeled bins to properties where feasible.
- The side waste policy is currently being enforced and will continue to be enforced to minimise the amount of general waste that householders produce.
- There are no planned operational changes to the current fortnightly general waste collection service within the terms of the current contract. Collection rounds may be rebalanced to increase efficiency.
- Review properties with 240 litre wheeled bins.



## **Other Waste Collection Services**

Bulky waste collection services will be reviewed with consideration of opportunities to increase the reuse and recycling of bulky waste items collected. Options to work with furniture reuse organisations will be considered to divert items from collection together with options for extraction of potentially reusable items following collection.

The Waste (England and Wales) Regulations 2011 requires waste collection authorities to take reasonable measures to provide separate multi material collections to its commercial customers, schools and businesses. The Council is considering a multi material recycling collection service.

Collection services to schools currently include paper, card, glass, cans, plastic, garden and food waste free of charge where a general waste contract is in place.

#### 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.

Serco are keen to support promotional activity in schools. Serco has also supported the identification of low performing areas to target promotional activity.

The Council are investigating opportunities to promote the services and engage the community. For example the use of an LCD screen at the front of the vehicle to communicate recycling performance to each collection area.





# **4.4 Carbon Improvement Measures**

The Council is continuously working towards operating efficient collection arrangements where feasible. Tipping points are reviewed regularly to make sure that travel is efficient where possible to maximise carbon benefits.

#### 4.5 Risk Assessment

The potential risks associated with delivering actions are identified in Table 9.

**Table 9 - Potential Risks** 

Issue	Description	Mitigation	Risk Level						
			High	Med	Low				
Renewal of organic waste treatment contract	The facility is located within DDDC and accepts all kerbside organic streams.	Consider all available options and alternatives in advance of contract renewal.		Х					
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 and repairable bulky waste items.	Review all furniture reuse organisations operating within the region.		X					
Reduction in budgets	Reduction budget available both in the District Council and the County Council.	DDDC has a medium term financial plan in place.	Х	Х					





#### 4.6 Action Plan Timetable

This action plan identified the key actions of the strategy that DDDC will undertake between 2013 and 2018. The timetable shown in Table 10 identifies specific actions and initiatives that contribute to the vision and objectives of the waste strategy.

Table 10 - Action Plan Timetable

												_					
		Action	20	)13/	14	20	)14	1/15	2	015	5/1	6 2	016	3/17	201	)17/ Q2 Q3	18
	1	Not collecting extra general waste put at the side of the main bin	QI	QZ Q		Q I	QZ (	40 Q-	100	1 0/2	QJ (	4714	I QZ	20 0	7 04 1	42 Q.	Q
Prevention	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				П			Г			Т	П				
	4	Raise awareness of reducing junk mail	П			П									П		П
P	5	Encourage waste prevention as part of the Council's own activities and operations															
	6	Run more promotional campaigns to schools and householders to encourage everyone to minimise waste															
Reuse	7	Review and seek opportunities to increase the reuse of furniture and large items collected by councils															
Ret	8	Run more promotional campaigns to schools and householders to encourage everyone to reuse waste															
osting	9	Make sure that households know what can be recycled and composted and checking that the right materials are placed in the right bins															
g m	10	Recycle more waste collected by the council from businesses.	П							П			П		П		П
Recycling & Composting	11	Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost															
cli l	12	Review the household participation rates for food waste collections	П												П		П
Recy	13	Review and consider increasing the range of materials collected for recycling from households															П
	14	Review wheeled bin provision for households on sack collection service															
	15	Promote collection services in low performing areas															
Jer	16	Organic waste contract renewal									T						
Other	17	Review bring site service provision	П										П				
	18	Achieve recycling target – review each service area	П				1			П							$\prod$
	19	Review overall waste management policies	П							П							П
	20	Action Plan review (to include review of Strategy options)	П							П							П

Responsibility: DDDC 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 the Council's actions set out in this report contribute to the objectives of the strategy. Where an action set out by DDDC 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 11 - Action Plan Contribution to the Delivery of the Strategy

		Action	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
	1	Not collecting extra general waste put at the side of the main bin										
ڃ	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										
Prevention	3	Promote the Love Food Hate Waste campaign										
eve	4	Raise awareness of reducing junk mail										
7	5	Encourage waste prevention as part of the Council's own activities and operations										
	6	Run more promotional campaigns to schools and householders to encourage everyone to minimise waste										
Reuse	7	Review and seek opportunities to increase the reuse of furniture and large items collected by councils										
Rei	8	Run more promotional campaigns to schools and householders to encourage everyone to reuse waste										
	9	Make sure that households know what can be recycled and composted and checking that the right materials are placed in the right bins										
∞ 5 ∞ 5	10	Recycle more waste collected by the councils from businesses										
Recycling &	11	Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost										
Re	12	Review the household participation rates for food waste collections										
	13	Review and consider increasing the range of materials collected for recycling from households										
	14	Review wheeled bin provision for households on sack collection service										
	15	Promote collection services in low performing areas										
<u>-</u>	16	Organic waste contract renewal										
Other	17	Review bring site service provision										
	18	Achieve recycling target – review each service area										
	19	Review overall waste management policies										
	20	Action Plan review (to include review of Strategy options)										

Direct contribution to objective

Indirect/partial contribution to objective









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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.