

Essex Waste Partnership Inter Authority Agreement  
Schedule 8

**MALDON DISTRICT  
COUNCIL**

**Recycling and Waste Collection**

Service Delivery Plan 2009/10 –  
2014/15

**SERVICE DELIVERY PLAN  
Maldon District Council**

The purpose of this document is:

- To identify the waste & recycling services that are provided, or are planned to be provided, in the Maldon District for the next 5 years; and
- To inform the procurement process for waste facilities on the nature and quantity of waste, recycle and composting for the next 25 years.

The Service Delivery Plan is a rolling 5 year document and will be annually updated in accordance with the procedures set out in the Inter Authority Agreement.

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INTRODUCTION

1.1 Brief description of the district

The Maldon District covers an area of approximately 56 square miles (36,000 hectares) and is a predominantly rural area on the east coast of Essex with a population of approximately 62,000. The District has over 60 miles of coastline that includes the estuaries of the Blackwater and Crouch. The vast majority of the population reside in the towns of Maldon, Burnham-on-Crouch and Heybridge. Over 50% of the population fall within the first 4 National Statistics Socio Economic Classifications (NS-SeC) which include;

1. Higher managerial and professional occupations
2. Lower managerial and professional occupations
3. Intermediate occupations
4. Small employers and own account workers

Source: [www.statistics.gov.uk](http://www.statistics.gov.uk)

1.2 Proposed housing development for next 25 years including source of the forecast.

Estimated at 120 per annum – source East of England Plan 2001-2021. It is anticipated that this level of growth will be maintained beyond 2021.

1.3 Historic demographic trends and waste arising for the District have been as follows: Table 1: Demographic Trends & Waste Arising

	2003/04	2004/05	2005/06	2006/07	2007/08
Size of Authority [area in Hectares]	41,238	41,238	41,238	41,238	41,238
Population: [number]	60,200	60,700	61,200	61,700	62,400
Population Density	1.46	1.47	1.48	1.50	1.51
Number of Households:	25,786	25,951	26,126	26,308	26,516
Number of Multiple Occupation households	Unknown				78*
Number of Households with a garden	Unknown				
% Household Waste Recycled & Composted	17.93%	21.36%	29.23%	32.86%	34.89%
Tonnes Household Waste	3918.3	4856.3	6929.9	7903.13	8178.59

Recycled & Composted					
% Residual Waste per Household	82%	79%	71%	67%	65%
Kg Residual Waste per Household	695Kgs	689Kgs	642Kgs	613Kgs	575Kgs
Tonnes MSW to Landfill	17,930.77	17881.29	16776.65	16144.69	15261.61

\*Based on information held by Environmental Health Service.

## **CURRENT WASTE & RECYCLING SERVICES**

### **2. RESIDUAL WASTE**

#### **2.1 Service Description**

- Residual waste is collected on a weekly basis from the boundary of all properties throughout the District.
- Container type – Plastic sacks. The Council provides 55 sacks per year to each household.

#### **Special Instructions**

- An assisted collection is provided to householders who due to their age or infirmity are unable to present their waste at the boundary of their property for collection.
- Additional charges are made for the collection of bulky waste.
- Waste is collected from communal 1100l bins from flats with bin stores, where a sack collection is not practicable.
- Collection of waste from Parish Council owned village halls

2.2 According to the 2001 Census, flats account for approximately 16% of the total housing stock in the District.

2.3 Maldon District Council's Recycling and Refuse service is outsourced, with the contract currently awarded to Enterprise Plc until the end of March 2012.

Table 2: Details of waste collection contractor / DS

<b>Service</b>	<b>Details</b>
Waste Collection Contractor/DSO	Enterprise Plc
Contract start date	1 April 2005
Contract expiry date	31 March 2012

**2.4 Normal collection times**

The Council’s collection contract states that the Service Provider shall generally perform and complete the Services during Monday to Friday inclusive between 07.00 hours and 20.00 hours. In practice, normal collection times are between 7.00 and 16.00 hours.

The Council permits Saturday working during the week preceding or following Bank Holidays and to enable missed collections from a Friday to be rectified. The services can be performed between 07.00 hours and 18.00 hours but are restricted by the opening times of the disposal facilities.

Table 3: Normal Collection Times.

<b>Collection day</b>	<b>First delivery to disposal site &amp; last delivery to disposal site.</b>
Monday	Variable, any time between 7am and 4 pm Monday to Friday on a normal week. Deliveries will only take place on a Saturday in a week when there is a bank holiday. Delivery is limited by the opening times of the landfill site.
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

**2.5 Collection schedule & times after Bank Holidays**

Table 4: Bank Holiday catch up arrangements

<b>Public Holiday</b>	<b>Arrangement</b>	<b>Hours of operation</b>
Good Friday	Collections following bank holidays will operate one day late and necessitate Saturday catch-up.	As above
Easter Monday		
May Day		
Spring Bank Holiday		
August Bank Holiday		
Christmas Day	Varies from year to year depending on what days the bank holidays fall. Objective is to return to normal collections by the second week in January without dropping a collection. Necessitates Saturday catch-up.	
Boxing Day		
New Year’s Day		

2.6 Vehicles used

Table 5: Schedule of residual waste collection vehicles

Type of RCV e.g. cage tipper, rear end compactor, roll-on-off etc.	No. of vehicles	Gross weight	Net Payload	Average number of trips to the tip per day
<b>Active Vehicles</b>				
RCV	3	26,000kgs	12000kgs (Approx)	1.25 per vehicle
RCV	2	18,000kgs	6400kgs (Approx)	1.25 per vehicle
Caged Tipper	1	7,500kgs	2600kgs (Approx)	
<b>Back up vehicles</b>				

2.7 Number of refuse crews: 5, excluding caged tipper. Caged tipper collects both refuse and recycling from around 1,000 isolated properties.

**3. RECYCLING AND COMPOSTING SERVICES**

3.1 Dry recyclables

Maldon District Council provides a kerbside sorted recycling service through which residents are able to recycle paper, card, glass and cans, with the exception of approximately 1,000 isolated properties who receive a co-mingled collection of recyclables, which is then sorted at the Council's waste transfer station prior to onward re-processing.

Table 6: Dry Recycling Collection Details

Materials collected	Collection Frequency	Container Provided	Number of Properties
Glass, Cans, Paper and Card	Weekly	2 x 55 litre box	22,051
Glass, Cans, Paper and Card	Fortnightly	2 x 55 litre box	3,465
Glass, Cans, Paper and Card	Weekly	Clear sacks	1,000

3.2. Kerbside Garden Waste only collection

Maldon District Council operates a chargeable garden waste collection service for garden waste using 240l wheeled bins which are collected weekly between March and November, and fortnightly between December and February. The material collected includes hedge clippings, twigs and small bracken, cut flowers, windfalls, grass cuttings, leaves, shrub prunings.

The service is provided to approximately 5,100 properties, but this is currently being expanded. There is provision in the collection contract with BG Appleton (Contracts) for up to 5700. The annual subscription charge for 2009/10 is £44.

The material is delivered to an open windrow composting facility within the District operated by B G Appleton (Contracts). This arrangement has been secured under a contract which runs until 2010 with a possibility to extend until 2012.

Table 7: Vehicles used for collection of green waste

Type of RCV e.g. cage tipper, rear end compaction, split body, roll-on-off, etc	No. of vehicles/crews	Gross Weight	Nett Payload	Average number of trips to the facility per vehicle per day.
RCV	2	26000kgs	12000kgs	1

The average percentage of garden waste that is collected throughout the year by the kerbside scheme is in line with the Essex averages set out in Table 8.

Table 8: Seasonal collection rates for green waste

Month	Average % of green waste collected in Essex	Please indicate if yours is > 5% different.
January	3	Waste collection is in line with Essex averages.
February	5	
March	5	
April	12	
May	11	
June	13	
July	13	
August	12	
September	10	
October	9	
November	6	
December	3	

3.3. Food Waste only collection  
Maldon District Council does not currently operate a food waste only collection.

3.4. Food and Garden waste collected together  
Not applicable

3.5. Bring sites  
A network of recycling banks is provided throughout the District. The range of materials collected across these sites includes glass, cans, paper, textiles, garden waste and drinks cartons (Tetra Pak). Maldon District Council provides modular banks for glass and cans, and 1100l litre banks for paper. A “free” Saturday garden waste collection service from central Parish locations is provided between March and November each year. The remainder of the banks are independently operated.

Table.12: Number of Bring sites & types of material that can be recycled.

<b>Number of Bring Sites</b>	<b>Material collected</b>
36	Glass, Cans, Textiles, Paper
39	Garden Waste – Only operated on Saturdays between March and November

**4. OTHER WASTE COLLECTION MECHANISMS**

4.1. Recycling Centres for Household Waste  
Essex County Council provides two Recycling Centres for Household Waste in the district. These are located at Park Drive, Maldon, and Springfield Industrial Estate, Burnham on Crouch.

4.2. Collection of Waste which is not standard refuse or recycling:

- Bulky household waste collection service, including the collection of waste electrical and electronic equipment covered by the WEEE Regulations – this is a chargeable service arranged directly with the Council’s waste collection contractor.
- Street cleaning waste, fly tipped waste, dog and litter bin waste - these are collected by the Council’s Street Cleansing Contractor.
- Clinical waste collections (including needles, syringes and infectious waste) – these are collected by the Council’s Clinical waste contractor.



Table 13: All other waste material collected by WCA

Collection Description of items	Charge Levied £	How many items	Number of collections 08/09	Dedicated vehicle or refuse, give details.
Tyres	None	Contract and Information held by ECC		
Bulky waste collections	£18.75 for 3 non-refrigerated items, £6.25 per additional item. £25 for refrigerated plus up to 3 mixed items, £8.33 for each additional item.	Varies between collections	431 Collections	Depends upon item being collected.
WEEE	Collected as part of bulky waste collections, ECC hold contract and subsequent information in relation to collections from transfer station.			
Street Sweepings, litter and dog bins	None	Tonnage information is contained within residual waste figures.		

**4.3 Commercial/Industrial and other Non Household Waste**

The Council does not operate a trade waste collection service. If it was requested to arrange a trade waste collection it would do so through a private contractor, and pass on these costs plus an administration fee.

**5. WASTE MINIMISATION, EDUCATION AND RECYCLING PROMOTION**

**5.1** The four main areas of activity include:

- Research, public consultation, data collection and analysis to inform service planning and identify priorities for improvement and to allow service development and promotional activities to be effectively targeted.
- Waste reduction and prevention activities, including educational work and investment in waste minimisation initiatives, such as the “Love food, hate waste” campaign, etc.
- Development of recycling services and activities, including home composting, recycling services in flats and communal areas.
- Promotion of recycling and composting services and activities through campaign work, events, targeted door-stepping initiatives, production and distribution of promotion materials and literature, public relations activities and web-based communications.

- 5.2 It is anticipated that the current level of resources available for waste prevention, waste reduction, reuse activities and the promotion of recycling and composting will be maintained for the foreseeable future.

### **6. FUTURE PLANNED DELIVERY OF WASTE & RECYCLING SERVICES**

- 6.1 The Council's Waste Management Strategy 2004 - 2010 forms the basis of the Council's current waste and recycling services. It seeks to ensure compliance with statutory recycling targets and minimise costs by targeting the heaviest materials in the waste stream, with the exception of kitchen waste. (This is due to there being no processing facilities available for use, when the Council let its refuse and recycling collection contract in 2004). The strategy seeks to encourage participation in recycling schemes by making them as user-friendly as possible, and a weekly collection service for recyclables is provided to all but approximately 3,500 households, in rural locations. The strategy advocates education rather than compulsion which is seen very much as a last resort.
- 6.2 The Council has taken advantage of the extension clause in its Refuse and Recycling Collections contract and extended the contract until March 2012. In return for the extension, Enterprise PLC is providing a full time Recycling Officer for the remainder of the contract period whose role is to promote the various schemes provided by the Council and to assist in public consultations. There are no plans to extend the collection service for dry recyclables prior to the new collection contract becoming effective in April 2012.
- 6.3 The Council's current Chargeable Garden Waste Collection Contract became effective from 2008 and runs until March 2010 with an option to extend until 2012. This contract makes provision for an additional 1000 households to join the scheme, bringing the total number of possible subscribers to 5,700.
- 6.4 The Council has endorsed the Joint Municipal Waste Management Strategy for Essex 2007-2032 and is working with Essex County Council and the other waste collection authorities in Essex to increase recycling and composting in order to achieve the targets and aspirations contained therein.
- 6.5 The Council has been awarded £31k capital funding from Essex County Council for use in 2009/10 and it is intended to use this money to refresh the recycling vehicles and renew promotional signage and also to complete the upgrading of the bring bank network.

- 6.6 A separate weekly food waste collection service will be provided district-wide from April 2012 when Essex County Council funding to cover the additional costs incurred in providing the service, becomes available.
- 6.7 A public consultation is currently underway to help inform other decisions about service delivery from 2012. Results so far indicate a strong desire for a kerbside plastic recycling service and the Council will be undertaking further consultation to test the acceptability of various options before coming to a decision on future service provision. It is anticipated that refuse will continue to be collected in plastic sacks, that recyclables will continue to be kerbside sorted and that charges for the kerbside collection of garden waste will remain in order to encourage home composting and reduce waste production.
- 6.8 Some properties in rural locations currently receive a fortnightly recycling collection as opposed to the standard weekly collection service elsewhere. Consideration will be given to the relative benefits of changing the frequency of collections so that all households within the district have their waste and recyclables collected at the same frequency.
- 6.9 The Council will be targeting lower performing properties, such as flats, to identify ways of improving recycling performance and participation in the schemes provided by the Council.
- 6.10 Whilst the Council has a small, licensed transfer station it does not have its own waste depot and is reliant on its waste collection contractor securing suitable facilities. This can make tendering difficult and competition between tenderers may suffer as a consequence. The Council will be seeking to take advantage of any opportunities that arise that would secure a suitable facility and enable a more efficient way of working both in the short and longer term.
- 6.11 The table below indicates the predicted tonnage of waste, recycle, compost and all other waste types collected and where it is going, as far as it is known, for the next 5 years. For the purposes of completion the waste growth predictions are based on the predictions contained in the Joint Municipal Waste Management Strategy for Essex.

**Table 14: Total tonnage waste arising anticipated for 5 years.**

The tonnage information set out below is not a commitment to achieve that tonnage & any deviation from such tonnage shall not entitle ECC to review the funding under this IAA.

Parameter	2009/10 projection	2010/11 projection	2011/12 projection	2012/13 projection	2013/14 projection
Population					
Number of Households	26,600	26,720	26,840	26,960	27,080
<b>Waste Streams</b>	<b>Tonne pa</b>	<b>Tonne pa</b>	<b>Tonne pa</b>	<b>Tonne pa</b>	<b>Tonne pa</b>
Household residual waste, including bulky waste	14,409	14,510	14,611	11,910	11,993
Trade Waste	0	0	0	0	0
Street cleansing/fly tipped waste	453	456	459	462	466
Clinical waste	0	0	0	0	0
<b>Sub-Total Non Recyclable Waste</b>	<b>14,862</b>	<b>14,966</b>	<b>15,070</b>	<b>12,372</b>	<b>12,459</b>
Paper	1428	1438	1448	1458	1469
Cardboard	1492	1502	1513	1524	1534
Tetra Pac	4	4	4	4	4
Glass	1749	1761	1773	1785	1798
Textiles	85	86	86	87	87
Mixed cans	236	238	240	242	244
Foil	0	0	0	0	0
Aerosols	0	0	0	0	0
Plastics	0	0	0	0	0
Plastic Film	0	0	0	0	0
Tyres	6	6	6	6	6
WEEE [Fridges]	12	12	12	12	12
WEEE [CRTs]	1	1	1	1	1
WEEE [Lamps]	0	0	0	0	0
WEEE [Other]	29	29	30	30	30
Metals	0	0	0	0	0
Wood	0	0	0	0	0
<b>Sub-Total Dry Recyclables</b>	<b>5,042</b>	<b>5,077</b>	<b>5,113</b>	<b>5,149</b>	<b>5,185</b>
Green Garden waste	3478	3555	3579	3604	3629
Kitchen / Food waste	0	0	0	2803	2823
<b>Sub-Total Organics</b>	<b>3,478</b>	<b>3,555</b>	<b>3,579</b>	<b>6,407</b>	<b>6,452</b>
<b>Total Arisings</b>	<b>23,382</b>	<b>23,598</b>	<b>23,762</b>	<b>23,928</b>	<b>24,096</b>
<b>Recycling/Reuse/ Composting rate (%) NI192</b>	<b>36.44</b>	<b>36.57</b>	<b>36.57</b>	<b>48.29</b>	<b>48.29</b>
<b>Residual Household Waste / HH (Kg) NI 191</b>	<b>558.72</b>	<b>560.10</b>	<b>561.48</b>	<b>458.90</b>	<b>460.08</b>

**Table 15: Details of Future Waste Services 2009/10 to 2013/14  
(Baseline plan)**

	2009/10	2010/11	2011/12	2012/13	2013/14
<b>RESIDUAL WASTE</b>	Yes	Yes	Yes	Yes	Yes
<b>Material type</b>					
<b>Container Type</b>	Plastic sacks	Plastic sacks	Plastic sacks	Plastic sacks	Plastic sacks
<b>Approx Number of properties served</b>	26,600	26,720	26,840	26,960	27,080
<b>% of total props</b>	100%	100%	100%	100%	100%
<b>Frequency of collection</b>	Weekly	Weekly	Weekly	Weekly, but under review	Weekly, but under review
<b>Destination of material collected</b>	Direct to landfill at Roxwell, or as directed by ECC	Direct to landfill at Roxwell, or as directed by ECC	Direct to landfill at Roxwell, or as directed by ECC	As directed by ECC	As directed by ECC
<b>MIXED ORGANICS</b>	N/A	N/A	N/A	N/A	N/A
<b>Material type</b>					
<b>Food /garden waste</b>					
<b>Container type</b>	N/A	N/A	N/A	N/A	N/A
<b>Approx Number of properties served</b>	N/A	N/A	N/A	N/A	N/A
<b>Approx % of total props</b>	N/A	N/A	N/A	N/A	N/A
<b>Frequency of collection</b>	N/A	N/A	N/A	N/A	N/A
<b>Number of Months per year</b>	N/A	N/A	N/A	N/A	N/A
<b>Material to be delivered to . . .</b>	N/A	N/A	N/A	N/A	N/A
<b>Promotional activity</b>	N/A	N/A	N/A	N/A	N/A
<b>GARDEN WASTE ONLY</b>	Yes	Yes	Yes	Yes	Yes
<b>Material type</b>					
<b>Container type</b>	240 l bin, garden waste sack or collection from central parish locations	240 l bin, garden waste sack or collection from central parish locations	240 l bin, garden waste sack or collection from central parish locations	240 l bin, garden waste sack or collection from central parish locations – Under review	240 l bin, garden waste sack or collection from central parish locations – Under review

## APPENDIX 2

	2009/10	2010/11	2011/12	2012/13	2013/14
<b>Approx Number of properties served</b>	Up to 5,500	Up to 5,500	Up to 5,500	Up to 5,500	Up to 5,500
<b>Approx % of total props</b>	21%	21%	21%	21%, but new contract may make provision for additional subscribers	21%, but new contract may make provision for additional subscribers
<b>Number of Months per year</b>	12	12	12	12	12
<b>Frequency of collection</b>	Weekly kerbside March – November, fortnightly December to February. Central locations weekly between March and November	Weekly kerbside March – November fortnightly December to February. Central locations weekly between March and November	Weekly kerbside March – November, fortnightly December to February. Central locations weekly between March and November	Weekly kerbside March – November, fortnightly December to February. Central locations weekly between March and November	Weekly kerbside March – November, fortnightly December to February. Central locations weekly between March and November
<b>Material to be delivered to . . .</b>	BG Appleton (Contracts)	BG Appleton (Contracts)	BG Appleton (Contracts)	New contract, yet to be determined	New contract, yet to be determined
<b>Promotional activity</b>	Yes	Yes	Yes	Yes	Yes
<b>KITCHEN WASTE ONLY</b>	N/A	N/A	N/A	Yes, with ECC meeting additional collection costs.	Yes, with ECC meeting additional collection costs
<b>Material type</b>					
<b>Container type</b>	N/A	N/A	N/A	5l caddy/ 23 l container	5l caddy/ 23 l container
<b>Approx Number of properties served</b>	N/A	N/A	N/A	26,500	26,500
<b>Approx % of total props</b>	N/A	N/A	N/A	100%	100%
<b>Frequency of collection</b>	N/A	N/A	N/A	Weekly	Weekly
<b>Material to be delivered to . . .</b>	N/A	N/A	N/A	ECC facility	ECC facility
<b>Promotional activity</b>	Yes	Yes	Yes	Yes	Yes
<b>DRY RECYCLING</b>					
<b>Materials</b>	Mixed recycle including cans, glass, paper and card	Mixed recycle including cans, glass, paper and card	Mixed recycle including cans, glass, paper and card	Mixed recycle including cans, glass, paper and card. Possibly plastics subject to affordability.	Mixed recycle including cans, glass, paper and card. Possibly plastics subject to affordability.
<b>Container type</b>	2 x 55l boxes or sack for isolated	2 x 55l boxes or sack for isolated	2 x 55l boxes or sack for isolated	2 x 55l boxes or sack for isolated	2 x 55l boxes or sack for isolated

## APPENDIX 2

	2009/10	2010/11	2011/12	2012/13	2013/14
	properties	properties	properties	properties	properties
<b>Approx Number of properties served</b>	26,500	26,500	26,500	26,500	26,500
<b>Approx % of total props</b>	100%	100%	100%	100%	100%
<b>Frequency of collection</b>	Weekly	Weekly	Weekly	To be determined	To be determined
<b>Material to be delivered to . . .</b>	Chelmsford BC/Essex Reclamation but under review	Chelmsford BC/Essex Reclamation but under review	Chelmsford BC/Essex Reclamation but under review	Chelmsford BC/Essex Reclamation but under review	Chelmsford BC/Essex Reclamation but under review
<b>Promotional activity</b>	Yes	Yes	Yes	Yes	Yes
<b>TEXTILES</b>	N/A	N/A	N/A	N/A	N/A
<b>Materials</b>					
<b>Container type</b>	N/A	N/A	N/A	N/A	N/A
<b>Approx Number of properties served</b>	N/A	N/A	N/A	N/A	N/A
<b>Approx % of properties</b>	N/A	N/A	N/A	N/A	N/A
<b>Frequency of collection</b>	N/A	N/A	N/A	N/A	N/A
<b>Promotional activity</b>	N/A	N/A	N/A	N/A	N/A
<b>BRING BANK SITES</b>					
<b>Materials</b>	Paper, glass, cans, textiles, shoes, cartons (Provided by MDC and private companies)	Paper, glass, cans, textiles, shoes, cartons (Provided by MDC and private companies)	Paper, glass, cans, textiles, shoes, cartons (Provided by MDC and private companies)	Paper, glass, cans, textiles, shoes, cartons (Provided by MDC and private companies)	Paper, glass, cans, textiles, shoes, cartons (Provided by MDC and private companies)
<b>Container type</b>	Various	Various	Various	Various	Various
<b>Number of sites</b>	Network throughout the district under ongoing review	Network throughout the district under ongoing review	Network throughout the district under ongoing review	Network throughout the district under ongoing review	Network throughout the district under ongoing review
<b>Material to be delivered to . . .</b>	Contractor's facilities	Contractor's facilities	Contractor's facilities	Contractor's facilities	Contractor's facilities
<b>BULKY WASTE</b>					
<b>Bulky waste collection</b>	Yes, See residual waste above	Yes, See residual waste above	Yes, See residual waste above	Yes, See residual waste above	Yes, See residual waste above
<b>Material to be delivered to . . .</b>	As directed by ECC	As directed by ECC	As directed by ECC	As directed by ECC	As directed by ECC
<b>OTHER WASTE COLLECTION?</b>	On request	On request	On request	On request	On request
<b>Eg WEEE</b>					
<b>Material to be</b>		As directed by	As directed by	As directed by	As directed by

**APPENDIX 2**

	<b>2009/10</b>	<b>2010/11</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>
<b>delivered to . . .</b>		ECC	ECC	ECC	ECC
<b>OTHER WASTE COLLECTION</b> <b>Eg Dog bins</b>	See residual waste above	See residual waste above	See residual waste above	See residual waste above	See residual waste above
<b>Material to be delivered to . . .</b>	As directed by ECC	As directed by ECC	As directed by ECC	As directed by ECC	As directed by ECC