

Contents

1. METROPOLITAN BOROUGH OF WIRRAL	2
1.1 Introduction	2
1.2 Strategic Aims	2
1.3 Integration with the Merseyside Partnership and JMWMS	2
1.4 Approval Process and Timescales	2
1.5 Current and Future Performance	3
1.6 Current Waste Management Services	4
1.6.1 Household Residual Waste Collections	4
1.6.2 Kerbside Dry Recyclable Collections	4
1.6.3 Kerbside Compostable Collections	5
1.6.4 Bring Sites	5
1.7 Future Plans	5
1.7.1 Procurement Exercise	5
1.7.2 Residual Collections	6
1.7.3 Kerbside Recycling	6
1.7.4 Compostable Collections	6
1.7.5 Bring Sites	7
2. ACTION PLAN	8
2.1 Introduction	8
2.2 Service Levels and Performance	8
2.3 Key Procurement Issues	12
2.4 Joint Procurement Potential	12
2.5 Additional Resource Requirements	12

1. METROPOLITAN BOROUGH OF WIRRAL

1.1 Introduction

The Metropolitan Borough of Wirral (the Council) serves a population of approximately 313,000 within 143,000 households. It is the third largest metropolitan authority in the North West.

The Council's 2005/06 overall budget is £676 million. Specific waste related budgets include £3.6 million for refuse collection, £1 million for the in-house recycling and garden waste collections and £500,000 for bulky waste collections.

1.2 Strategic Aims

The key strategic aims of the Council, in relation to waste management, are as follows:

- Achievement of statutory recycling targets and JMWMS targets;
- The development of co-mingled dry recyclable collections;
- Continuation and development of green waste collections;
- Support for waste minimisation activities – including home composting and real nappy programmes;
- Potentially moving towards alternate week collections (not currently approved by the Council and considered to be aspirational);
- Develop kitchen waste collections where appropriate;
- All developments to be linked to the Council's current procurement process for Environmental Streetscene Services, which comprises of refuse, recycling and street cleansing services.

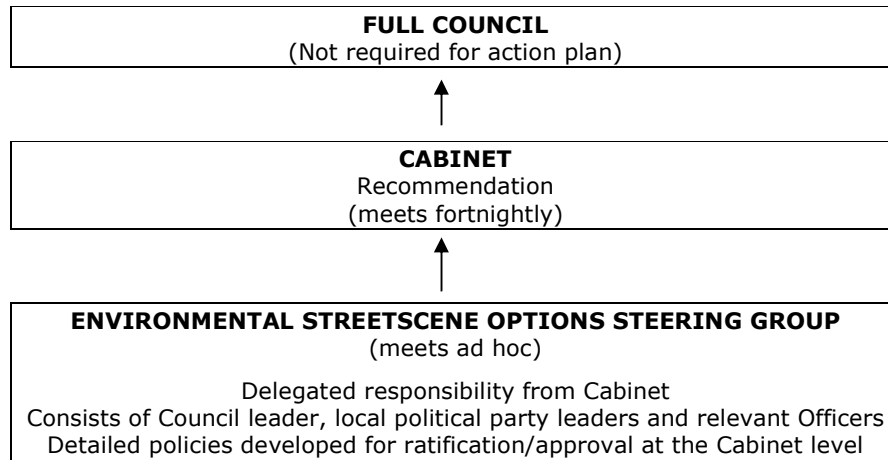
1.3 Integration with the Merseyside Partnership and JMWMS

The Council has ratified the JMWMS and associated documents and the associated objectives and pooled targets, with the exception of agreeing alternate or fortnightly collections of residual waste. The latter are considered to be aspirational at this stage.

1.4 Approval Process and Timescales

The approval process for the action plan is likely to take approximately one month and is likely to be approved at cabinet level. The Cabinet meets on a fortnightly basis and delegates some of its responsibilities to the Environmental Streetscene Options Steering Group, who meet on an ad hoc basis.

The following decision making process is used by the Council:



1.5 Current and Future Performance

The Council's most recent waste BVPI performance data, for 2004/05, and estimates for future years are shown in Table 1.1.

Table 1.1
BVPI Performance Data¹

BVPI	Description	04/05 Actual	05/06 Targets	06/07 Targets	07/08 Targets
82a	% of household waste Recycled	8%	15%	20%	25%
82b	% of household waste Composted	2%	3%	6%	8%
82b (combined)	% of household waste Recycled and Composted	10%	18%	26%	33%
84a	Number of kilograms of household waste collected per person	440	449	458	468
86	Cost of waste collection per household	£29.47	£32.86	£33.68	£34.00
91	% of population served by a kerbside collection of Recyclables	100%	100%	100%	100%

¹ Wirral Council's Performance Plan, June 2005

1.6 Current Waste Management Services

The Council's core waste collection services, as considered in this study, are as follows:

- Household residual waste collections;
- Kerbside dry recyclable collections;
- Kerbside compostable collections;
- Bring sites.

1.6.1 Household Residual Waste Collections

The majority of households (135,500) are supplied with 240 litre green wheeled bin for the storage of residual waste. Approximately 500 properties are not suited to the wheeled bin service and receive a sack collection whilst a further 7,000 properties use bulk containers.

A private contractor (Onyx UK Ltd) are contracted to provide the collection service on a weekly basis until 21st August 2006 using the following resources:

- Twenty one (12 x 26 tonne, 9 x 32 tonne) refuse collection vehicles (RCV);
- One periodic collection round (26 tonne RCV, April – September);
- One driver and two operatives per round, for the above;
- Two (22 tonne) RCVs for bulk bin collections (one driver plus one operative per vehicle);
- One transit cage vehicle for sack collections (driver only).

The delivery point for the collected residual wastes is the new MRF/transfer station facility at Bidston. The Council is currently undergoing a procurement exercise for refuse, recycling and street cleansing services, which will influence and shape future service provision.

1.6.2 Kerbside Dry Recyclable Collections

The Council currently provides two types of kerbside recycling collection.

A fortnightly box collection (for paper, glass and cans) is provided to 15,000 properties. This service is provided by an in-house team using the following resources:

- 2 x 7.5 tonne stillage vehicles;
- One driver and two operatives per vehicle.

In addition, a fortnightly, reusable blue bag paper collection is provided to 128,000 households by the Council's refuse contractor, Onyx UK Ltd.

The following resources are used to provide this service:

- 5 x 7.5 tonne tipper vehicles;
- One driver and two operatives per vehicle.

The delivery points for the recyclables are Kelvinside for paper and South End depot, Tranmere for glass and cans, where the materials are bulked before onward transportation to reprocessors.

1.6.3 Kerbside Compostable Collections

The Council provides a fortnightly green waste collection service for 90,000 properties. The service commenced in April 2003, collecting a maximum of one 120 litre reusable woven polypropylene sack per household.

An in-house team provides the service using the following resources:

- 2 x 12 tonne RCVs and 6 x 20 tonne RCVs
- One driver and 3 operatives per vehicle

The delivery point for the green waste is George Whittaker & Son, Hapsford, Cheshire.

1.6.4 Bring Sites

Details of the Council's bring sites are provided in Table 1.2 below:

Table 1.2
Bring Sites²

Material Types	No of Sites	Collection Company	Expiry Dates
Glass (Colour Separated)	22 (large igloo sites)	Glass UK (Berrymans)	N/A
Cans	22	Wirral Council In-house	N/A
Paper	22 (large igloo sites)	Onyx UK Ltd	August 2006
Books	5	Oxfam	N/A
Textiles & Shoes	16	Salvation Army / Oxfam / T Williams	N/A
Mixed Glass	45	Onyx UK Ltd	August 2006

1.7 Future Plans

1.7.1 Procurement Exercise

The Council is currently undergoing a procurement exercise for Environmental Streetscene Services, which comprises refuse, recycling and street cleansing services. The agreed contract(s) resulting from the exercise will ultimately determine the nature of future Council services.

The current timetable for the procurement process, subject to future change, is as follows:

- Advertise tender – early November 2005;
- Issue ITT – late December 2005;
- Tender submission – Late February 2007;
- Contract award – April 2006;

² Wirral Council data

- Contract commencement – Mid August 2006.

1.7.2 Residual Collections

The Council is to introduce a trial alternate weekly residual waste and dry recyclables collection service in May 2006 for 14,000 households (please refer to 1.7.3 below).

As part of the procurement process outlined above in section 1.7, tenderers have been invited to submit bids based upon both weekly and alternate weekly collection of residual waste as part of an integrated residual waste, dry recyclables and organic waste collection service.

It is anticipated that the decision regarding weekly or alternate weekly residual waste collections will be made following the tender evaluation and prior to contract award.

If the Council decide to introduce alternate weekly residual waste collections then the successful tenderer will be required to introduce the new system to all suitable households within the borough, as part of an integrated service, by 22nd October 2007. This will be done in accordance with the phased implementation plan detailed in the successful tenderer's submission.

1.7.3 Kerbside Recycling

The Council is to introduce a trial alternate weekly residual waste and dry recyclables collection service in May 2006 for 14,000 households (please refer to 1.7.2 above). Paper, cardboard, cans, glass bottles/jars and plastic bottles will be collected co-mingled from the kerbside using a 240 litre wheeled bin.

As part of the new Environmental Streetscene Service contract, the successful tenderer will be required to introduce fortnightly, multi-material dry recyclable kerbside collections to approximately 136,000 households (95% coverage) by 22nd October 2007. This will be done in accordance with the phased implementation plan detailed in their tender submission.

The successful tenderer will be required to collect dry recyclables co-mingled using either a 240 litre or 140 litre wheeled bin, wherever suitable. It is estimated that wheeled bins would be suitable for approximately 108,000 properties whilst the remaining 25,000 properties are likely to receive a recycling box.

The delivery point for the co-mingled dry recyclables will be the new MRF at Bidston.

1.7.4 Compostable Collections

In April 2006, approximately 22,500 of the 90,000 properties that currently receive a garden waste sack collection will be converted to a co-mingled kitchen and garden waste collection using a 240 litre wheeled bin.

Assuming that 'Phase I' of this trial is successful, it is expected that 'Phase II' would see a further 22,500 properties converting from a garden waste sack collection to the new system. This would bring the total number of properties that receive a co-mingled kitchen and garden waste collection to 45,000. All co-mingled kitchen and garden waste collected will be delivered to the in-vessel composting facility at Bidston.

It is anticipated that the remaining 45,000 properties on garden waste sack collections would be upgraded to a wheeled bin for garden waste only.

1.7.5 Bring Sites

No changes in bring site provision are currently proposed.

2. ACTION PLAN

2.1 Introduction

This section outlines the assumed developments in waste management services in Wirral for each year of the JMWMS from 2006/07 until 2020/21.

The following key elements are considered for each year:

- Service levels (e.g. types of service, number of households served);
- JMWMS MSW recycling targets;
- Estimated performance levels (MSW recycling and composting rates);
- Procurement issues (e.g. procurement processes, potential co-operation with neighbouring authorities).

2.2 Service Levels and Performance

Table 2.1 on the pages below identifies the following key service issues and assumptions for each year:

- JMWMS MSW recycling targets and assumed interim targets, showing progression towards key target years;
- Estimated performance levels (MSW recycling and composting rates);
- Key service level details for kerbside dry recyclable, garden and kitchen waste collections (e.g. major changes to services, number of households served). Assumptions are based on the data in the waste flow diagrams and the levels of diversion required to achieve the JMWMS targets;
- Other relevant issues, for example the commencement of new contracts, changes to residual collections; including the introduction of alternate week collections or the introduction of new residual waste containers.

Table 2.1
Action Plan Summary Table

Year	2006/07	2007/08	2008/09	2009/10	2010/11
JMWMS MWS Recycling Target	20.4%	22.8%	25.2%	27.6%	30.0%
Estimated MSW Recycling Performance	15.9%	22.0%	24.6%	27.5%	30.8%
Kerbside Dry Recyclable Collections	128,000 households on kerbside paper; 15,000 households on kerbside glass & cans; 60% participation rate for all materials	136,000 households on kerbside multi-material 60% participation rate for all materials.	136,000 households on kerbside multi-material 65% participation rate for all materials.	136,000 households on kerbside multi-material 75% participation rate for all materials.	136,000 households on kerbside multi-material 82% participation rate for all materials.
Garden Waste Collections Only	67,500 households; 60% participation rate.	45,000 households; 60% participation rate.	45,000 households; 65% participation rate.	45,000 households; 75% participation rate.	45,000 households; 82% participation rate.
Co-mingled kitchen and garden waste collections	22,500 households; 60% participation rate.	45,000 households; 60% participation rate.	45,000 households; 65% participation rate.	45,000 households; 75% participation rate.	45,000 households; 82% participation rate.
Bring Sites	Included	Included	Included	Included	Included
Other (including changes to residual collections)	New combined refuse and recycling contract introduced.	-	-	-	-

Table 2.1
Action Plan Summary Table (continued)

Year	2011/12	2012/13	2013/14	2014/15	2015/16
JMWMS Target	32.0%	34.0%	36.0%	38.0%	40%
Estimated MSW Recycling Performance	32.7%	34.7%	36.6%	38.3%	40%
Kerbside Dry Recyclable Collections	84% participation rate for all materials.	86% participation rate for all materials.	88% participation rate for all materials.	90% participation rate for all materials.	92% participation rate for all materials.
Garden Waste Collections Only	45,000 households; 84% participation.	45,000 households; 86% participation rate.	45,000 households; 88% participation rate.	45,000 households; 90% participation rate.	45,000 households; 92% participation rate.
Co-mingled kitchen and garden waste collections	45,000 households; 84% participation.	45,000 households; 86% participation rate.	45,000 households; 88% participation rate.	45,000 households; 90% participation rate.	45,000 households; 92% participation rate.
Bring Sites	Included	Included	Included	Included	Included
Other (including changes to residual collections)	-	-	-	-	-

Table 2.1
Action Plan Summary Table (continued)

Year	2016/17	2017/18	2018/19	2019/20	2020/21
JMWMS Target	40+%	40+%	40+%	40+%	40+%
Estimated MSW Recycling Performance	40%	40%	40%	40%	40%
Kerbside Dry Recyclable Collections	92% participation rate for all materials	92% participation rate for all materials	92% participation rate for all materials	92% participation rate for all materials	92% participation rate for all materials
Kerbside Garden Waste Collections	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.
Kerbside Kitchen Waste Collections	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.	45,000 households; 92% participation rate.
Bring Sites	Included	Included	Included	Included	Included
Other (including changes to residual collections)	-	-	-	-	-

2.3 Key Procurement Issues

Key procurement issues identified for the Council are as follows:

- The procurement process for Environmental Streetscene Services currently being undertaken by the Council, detailed in section 1.7.1, should be noted;
- As part of the new contract, the Council are responsible for the provision of new and replacement containers (with the exception of those damaged through the contractor's negligence) and will need to procure wheeled bins (dry recyclables and organic waste), recycling boxes and kitchen waste caddies.

2.4 Joint Procurement Potential

Potential joint procurement opportunities with neighbouring Merseyside authorities may be appropriate in the following key areas:

- Joint container procurement.

Table 2.2 summarises potential areas for joint procurement for each Merseyside authority, showing the years when new service contracts, vehicles and containers are expected to be introduced.

In addition to the issues highlighted in the table it is recommended that joint arrangements for the sale of recyclable and compostable materials are investigated, potentially in partnership with CMC.

2.5 Additional Resource Requirements/Costs

Given that the procurement process for Environmental Streetscene Services is currently being undertaken, the Council would prefer not to include financial information in the action plan at this stage due to the commercial sensitivity of this information.

It should be noted that, as part of the new contract, the Council have retained the risk associated with the achievement of future recycling targets and are responsible for the educational and promotional activity that may be required to achieve the participation and recycling rates detailed in Table 2.1 above. The Council need to ensure that sufficient resource is made available for educational and promotional activity each year.

Table 2.2 Joint Procurement Potential

Authority	Potential Introduction of New Collection Contract/Contractor	Potential Introduction of Significant Numbers of New Collection Vehicles (<i>in-house or private contractor provision</i>)	Potential Introduction of Significant Numbers of New Containers (<i>in-house or private contractor provision</i>)
Knowsley	-	2007/08-2008/09. Potential new RCVs for co-mingled kitchen and garden collection. Potential new kerbside sort vehicles to accommodate plastics.	2007/08-2008/09. Kitchen waste containers (caddies, liners).
Liverpool	October/November 2008. Potential combined Refuse and Recycling Contract.	2008/09-2010/11. Potential new kerbside sort vehicles to accommodate plastics and kitchen waste. (Note vehicle requirements will be subject to a future service procurement process)	2009/10. Kitchen waste containers (caddies, liners and kerbside collection containers). (Note container requirements will be subject to a future service procurement process)
Sefton	December 2010. Recycling Contract.	2006/07-2007/8. Potential new RCVs (with bin lift equipment) for alternate week residual and garden waste collections. Potential alteration to kerbside sort vehicles to accommodate kitchen waste and potentially plastics.	2006/07 and 2007/08. Wheeled bins and kitchen waste containers (caddies, liners and kerbside collection containers).
St. Helens	2007 Kerbside Recycling Contract (potential two year extension)	2008/09. Potential new kerbside sort vehicles to accommodate plastics and kitchen waste.	2007/08-2008/09. Kitchen waste containers (caddies, liners and kerbside collection containers).
Wirral	2006. New combined Refuse and Recycling Contract. Subject to current procurement process.	2006/07-2007/08. Potential new RCVs (with bin lift equipment) for residual, recyclable, kitchen and garden waste collections. (Note vehicle requirements subject to the current service procurement process)	2006/07-2007/08. Wheeled bins for separate garden waste, co-mingled kitchen and garden and co-mingled dry recyclables collections. (Note container requirements subject to the current service procurement process)