

## Joint Municipal Waste Management Strategy Review

### SUMMARY

This report provides details of the Joint Municipal Waste Management Strategy review carried out by the Authority and the Boroughs of Brent, Ealing, Harrow, Hillingdon, Hounslow and Richmond upon Thames for the years 2017-2020. It provides updated action plans to deliver the remaining strategy aims.

### RECOMMENDATION(S)

The Authority is asked to:-

- 1) Note the updated action plans.

#### 1. **Background** – The Authority and Boroughs committed in 2005 to a Joint Municipal Waste Management Strategy (JMWMS) which included waste prevention, reuse and recycling.

The Authority developed a new Business Plan which was approved in March 2017 and committed to review the JMWMS. In addition a corporate governance audit recommended the need for a review.

The JMWMS has therefore now been reviewed by Management, Borough Environment Directors and Chief Officers using the Borough Partnership Meeting and updated action plans have been developed.

#### 2. **Action Plans** – The review of the JMWMS has highlighted that a principal aim of the Joint Waste Management Strategy has been achieved – to divert waste away from landfill, through the construction of a new energy from waste facility.

The remaining key aims were to support boroughs to deliver a 50% recycling target and to ensure availability of appropriate waste treatment and recycling infrastructure to meet future needs. The review has confirmed that these aims remain valid for stakeholders as illustrated in the charts and commentary in Appendix 1:

- The recycling rate is well below the government 50% target so we need to find ways of improving this
- There is a pattern of growing waste volumes and therefore the need to consider the availability of infrastructure / capacity

To deliver these aims an action plan has been developed and can be found in Appendix 2. The plan covers a range of activities and includes data projects, consolidation of waste minimisation activities, the harmonisation of HWRCs and transfer stations and collection activities and materials including a MRF strategy. These actions are reflected in the Authority's Business Plan as some of the work to review both the JMWMS and Business Plan ran concurrently.

- 3. Business Plan Activities** – Work has begun on data projects which aim to efficiently manage the Authorities’ collective data in preparation for development of JMWMS 2020-2035. The Waste Minimisation Action Plan continues to develop as a key project area to support increased recycling and cost reduction. Development of a MRF Strategy has highlighted areas of difference between the Boroughs. Refining and aligning the types of materials collected will enable WLWA to develop a best value MRF strategy for West London. Recycling projects at Twyford have informed the development of the HWRC and transfer station strategy. Developing and reviewing a commercial strategy has resulted in discussions about a new method of calculating Pay as You Throw rates to incentivise commercial waste collections. These business plan activities will support delivery of the JMWMS by 2020 and development of new action plans for JMWMS 2020-2035.
- 4. JMWMS 2020 to 2035** – The Authority and Borough Partners will start to prepare for a new joint municipal waste management strategy from 2020 which will take into account growth associated with the old oak common development, Heathrow, HS2, Crossrail, planning for a circular economy and emerging government and mayoral strategies.
- 5. Financial Implications** – These will be incorporated in the annual process of long term financial planning and budget setting. Individual projects will incorporate full financial evaluations.
- 6. Legal Implications** – Evaluated as part of annual business planning and normal project process
- 7. Impact on Joint Municipal Waste Management Strategy** – This review brings the strategy up to date

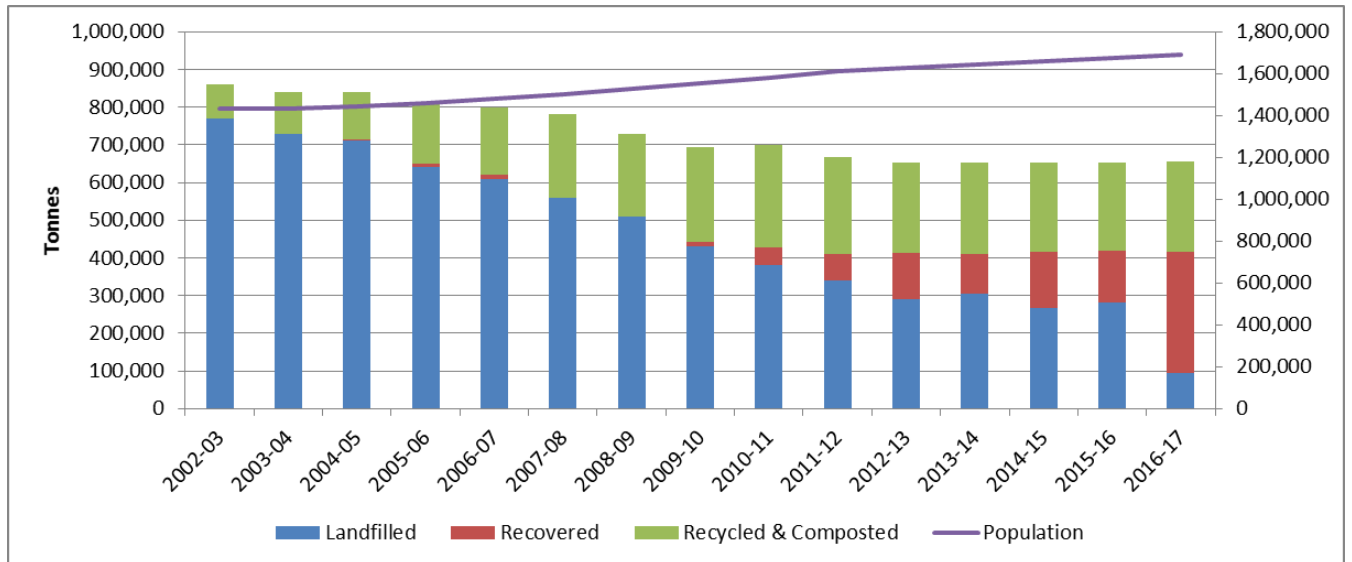
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## Appendix 1

Using government Waste Data Flow statistics to update the JMWMS charts:

Population growth has been higher than total waste growth over the last 5 years. The expected trend now is waste growth and this is echoed in Borough's expectations that waste volumes will rise over the next few years.

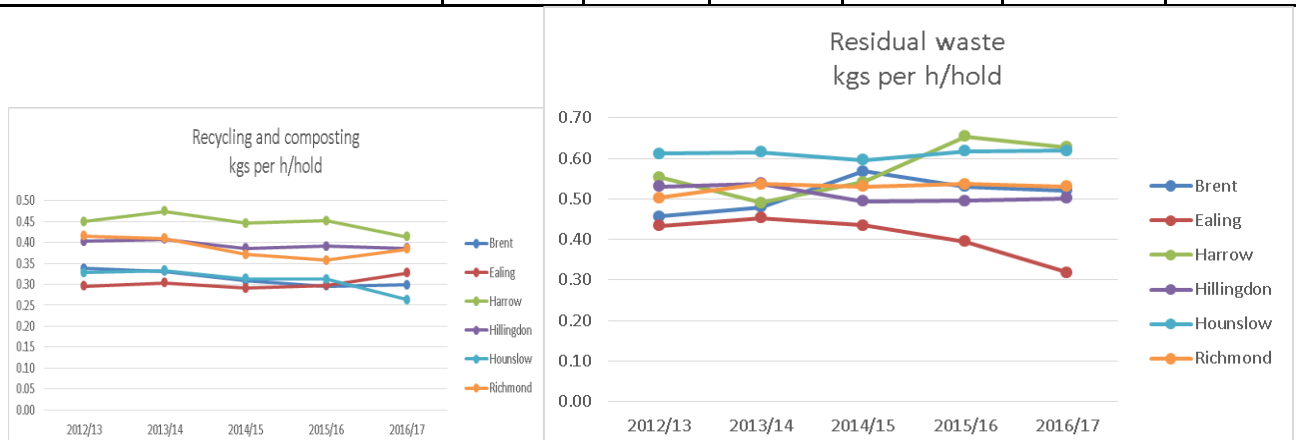
*Table 1: Total Waste Disposed, Recovered and Recycled 2002 - 2017*



Boroughs are experiencing a variety of trends in residual waste tonnes per household. Recycling tonnes per household has been falling slightly.

*Table 2: Total kgs per Household per year 2016/17*

	Brent	Ealing	Harrow	Hillingdon	Hounslow	Richmond
Municipal Waste (tonnes)	110,000	124,000	103,000	115,000	97,000	90,000
Household Waste (tonnes)	96,000	86,000	94,000	97,000	89,000	77,000
NI 191 Residual Waste per Household (kg)	521	319	628	502	619	531



Note: The light blue line and dark blue line are difficult to differentiate in the recycling and composting chart because of the scaling.

The recycling rate for 2016/17 shows an average West London wide rate of 39.5%. The rate has dropped slightly and remained close to 40% for a number of years.

	Dry Recycling %	Composting and Kitchen Waste %	Total
Brent	22.90	12.86	35.75
Ealing	30.83	12.06	42.89
Harrow	19.93	20.92	40.85
Hillingdon	26.09	18.02	44.11
Hounslow	21.82	11.69	33.52
Richmond	25.69	13.97	39.65
Average			39.46

## Appendix 2

### Action Plan for Data/Information Sharing

	Who?	2017/18	2018/19	2019/20
<b>Data / Information Projects</b>				
Collective Management of Waste Data Flow				
Strategic Information Project	WLWA			
Data Hub Project	WLWA			

Last updated: 8 September 2017

### Action Plan for Waste Minimisation

	Who?	2017/18	2018/19	2019/20
<b>WASTE MINIMISATION ACTION PLAN</b>				
Retain and Develop Waste Minimisation Team	WLWA			
Incorporate recycling into annual waste minimisation action plans	WLWA			
Develop projects to increase the quality of recycling collected	WLWA			
Develop projects to increase participation in foodwaste recycling	WLWA			
Implement waste minimisation action plan	WLWA			
<b>WASTE REDUCTION</b>				
Lobbying activity to focus upon extended producer responsibility	All Authorities			
Measure tonnes per household and tonnes per person	All Authorities			
Develop carbon measurement	All Authorities			
Measure behaviour change	WLWA			
<b>WASTE REUSE</b>				
Promote reuse, donation and second-hand online	All Authorities			
Build links with reuse organisations to capture information	WLWA			
<b>RECYCLING AND COMPOSTING TARGET</b>				
48% recycling & composting (MSW)	All Authorities			
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50% recycling & composting (MSW)	All Authorities			
<b>OTHER WASTES RECYCLING</b>				
Target to achieve 25% recycling from street sweepings	WLWA			
Target to achieve 50% recycling from trade waste	All Authorities			
Target to achieve 50% recycling from municipal buildings	All Authorities			
Target to achieve 30% recycling from bulky waste	WLWA			
Consider provision of kerbside collected textiles	All Authorities			

Last updated: 8 September 2017

Action Plan for HWRCs and small transfer stations

	Who?	2017/18	2018/19	2019/20
<b>HWRC AND TRANSFER STATIONS</b>				
Develop HWRC and transfer station Strategy	WLWA	█		
Develop refurbishment and investment plan for all HRRCs and transfer stations	WLWA		█	
Reach HWRC recycling rate (incl rubble) of 60%	All Authorities			█
Reach Trade waste recycling rate of 50%	All Authorities			█

Last updated: 8 September 2017

Action Plan for Collections and Materials

	Who?	2017/18	2018/19	2019/20
<b>COLLECTION AND MATERIALS</b>				
Develop a MRF Strategy	WLWA	█		
Review recycling materials collected in light of current and expected market conditions	WLWA	█	█	
Implement MRF Strategy	WLWA			█
Trial Alternative Collections Projects	All Authorities	█	█	█
Agree Collections Strategy	All Authorities			█
Develop Commercial Strategy	All Authorities	█	█	█
Implement dynamic purchasing system for recycling ad hoc capacity requirements	WLWA	█		

Last updated: 8 September 2017

Range of Materials Currently Collected by Kerbside for Recycling

RANGE OF MATERIALS	Brent	Ealing	Harrow	Hillingdon	Hounslow	Richmond
The Boroughs already collect the following materials (✓) in their kerbside schemes.						
PAPER (News & Pams)	✓	✓	✓	✓	✓	✓
CARDBOARD	-	-	Organic Bin	-	✓	-
GLASS (Bottles and Jars)	✓	✓	✓	-	✓	✓
CANS	✓	✓	✓	✓	✓	✓
PLASTIC BOTTLES	-	-	✓	✓	✓	-
TEXTILES	✓	✓	✓		✓	✓
BATTERIES	✓	✓	-	-	✓	-
SMALL WEEE	-	-	✓	-	-	-

Last updated: 8 September 2017