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# WARWICKSHIRE WASTE PARTNERSHIP

COMMITTEE ROOM 2, SHIRE HALL, WARWICK

2:00pm, 11 March 2014

## AGENDA

### General

1. **Apologies**
2. **Disclosures of interests**
3. **Minutes of the previous meeting, including matters arising**

### Reports

4. **Waste Strategy Implementation Plan Annual Targets and Key Work Areas** – This report provides proposed annual targets to 2020/21 and key areas of work for 2014/15 for delivering on the waste strategy for approval. (Kerry Moore)
5. **Waste Partners' Report** - Update from each Partner Authority within the Partnership on the various waste initiatives taking place in each authority area. (Tamalyn Goodwin)
6. **Waste Statistics from Quarter 3** - Overview of waste data from the Quarter 3 period for 2013-14. (Nav Rai)
7. **Verbal Update on the Separate Collection of Waste and TEEP** (Kerry Moore)

### Other

8. **Dates of future meetings**
  - 18 June 2014
  - 17 September 2014
  - 17 December 2014
9. **Agenda item suggestions for next meeting**
10. **Any urgent items**

## **Membership of the Warwickshire Waste Partnership**

### **North Warwickshire Borough Council**

*Councillor Hayden Phillips*

### **Nuneaton and Bedworth Borough Council**

*Councillor Roma Taylor*

### **Rugby Borough Council**

*Councillor Dr. Mark Williams*

### **Stratford-on-Avon District Council**

*Councillor Lynda Organ*

### **Warwick District Council**

*Councillor Dave Shilton (Vice Chair)*

### **Warwickshire County Council**

*Councillors Mike Brain, Richard Chattaway, Jeff Clarke (Chair), Jenny Fradgley, Philip Johnson*

## **Enquiries**

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## WARWICKSHIRE WASTE PARTNERSHIP

Minutes of the meeting held on 3 December 2013, Shire Hall, Warwick

### Present:

#### Warwickshire County Council

Councillors: Mike Brain  
Richard Chattaway  
Jeff Clarke (Chair)  
Jenny Fradgley  
Philip Johnson

Officers: Graeme Fitton – Head of Transport & Highways  
Glenn Fleet – Group Manager, Waste Management  
Tamalyn Goodwin - Waste Projects Officer  
Kerry Moore – Waste Strategy and Commissioning Manager  
Paul Spencer – Democratic Services Officer

#### North Warwickshire Borough Council

Councillor Hayden Phillips  
John Rhodes – Waste and Transport Manager

#### Nuneaton and Bedworth Borough Council

Councillor Roma Taylor  
Brent Davies – Director of Assets and Streetscene

#### Rugby Borough Council

Sean Lawson - Head of Environmental Services

#### Stratford on Avon District Council

Olly Scholefield – Streetscene Manager

#### Warwick District Council

Councillor Dave Shilton  
Graham Folkes-Skinner - Waste, Policy and Performance Officer

#### Other Councillors in attendance

Councillor Keith Kondakor (Warwickshire County Council)

**1. Apologies**

Councillors Lynda Organ (Stratford on Avon District Council) and Dr Mark Williams (Rugby Borough Council).

**2. Disclosures of interests**

None.

**3. Minutes of the previous meeting and matters arising**

The minutes of the meeting held on 10 September 2013 were approved as a correct record and signed by the Chair. A verbal update was provided by John Rhodes on the survey by North Warwickshire Borough Council, to check that larger capacity wheeled bins provided to bigger households previously, were still required.

**4. Waste Strategy Update**

Glenn Fleet presented a report which reminded of the decision in June 2012, to update key elements of the Joint Municipal Waste Strategy and the rationale behind that decision, rather than carrying out a formal review. Since that time, partner authorities had worked together to update the Strategy and the final document was submitted for approval.

An overview was given of the updated Joint Municipal Waste Strategy. Key aspirational targets and the consultation undertaken on the updated draft Strategy were reported, together with the feedback received. The next steps were to seek approval of the updated Strategy and its adoption by partner authorities, publication of the Strategy and production of the Annual Report, all within the next twelve months.

Councillor Dave Shilton spoke about the successes in domestic waste reduction and he asked what could be done to encourage businesses to reduce trade waste. Glenn Fleet responded, explaining the work undertaken to date to encourage small businesses to participate in waste minimisation initiatives. Councillor Shilton asked if the County Council could lobby the Government on this issue. Councillor Richard Chattaway agreed that large companies should be required to look at reducing packaging waste and recycling. The Chair noted the points raised, which he would pursue as the County Council's Portfolio Holder for Corporate Business & Environment.

Brent Davis suggested updating a section of the Strategy about North Warwickshire commencing their alternate weekly collection and this was agreed. With regard to provision of smaller residual waste bins, he commented that this was a matter for each local collection authority to consider and felt the document should be amended to reflect this. Councillor

Kondakor suggested the issue of smaller waste bins for new developments and it was noted this was not presently the policy of some local authorities.

It was confirmed that the target for adoption of the Strategy was January 2014.

## **Resolved**

That the Warwickshire Waste Partnership:

- (1) Approves Warwickshire's updated Municipal Waste Management Strategy (subject to the reported amendments above).
- (2) Authorises the process for adoption of the Strategy by individual partner authorities.
- (3) Publishes the updated Strategy and makes it available on the Warwickshire Waste Partnership webpages

## **5. Waste Strategy Implementation Plan**

It was reported that the Implementation Plan provided detail on the activities to be carried out, in order to meet the objectives and targets within the updated Waste Strategy. The key strategic areas were reported, comprising waste reduction campaigns, improving the re-use of items, recycling and composting activities. Communication and awareness raising, monitoring the carbon impact and solutions for residual waste were further areas, together with commercial recycling, increased partnership working and lobbying. The next stages were approval of the Plan and implementation of the updated Waste Strategy. A schedule was circulated showing each key objective, targets/ actions and indicators for measurement.

There was discussion about "junk mail" and how this could be stopped at source, through the mail preference service or be discouraged through letterbox notices. Provision of a dry recyclable service to those living in flats was a further issue raised and this was being discussed by officers. It was noted that recycling 'bring' facilities were also available, but the Waste Partnership could review proposals to provide a service to those living in flat accommodation.

Reference was made to the recycling initiative to re-use items like furniture and clothing, which were then sold through charity shops. Storage capacity was proving an issue and additional temporary storage had been provided, but was insufficient in some locations. Discussion took place on the potential for additional storage containers, the lack of space at some locations for such storage and the potential to redistribute surplus items to other areas of Warwickshire.

Councillor Chattaway noted there were a lot of actions in the circulated document for the County Council. As Chair of the Communities Overview and Scrutiny Committee, he proposed to include this subject on the Committee's work programme, to monitor implementation and to hold officers to account. There was a need to monitor this area closely, given the high costs of waste disposal.

Brent Davis sought an estimate of the amount of officer time that would need to be devoted to achievement of the Implementation Plan. Kerry Moore added that the Plan needed targets and outcomes to determine this and then a steer from the Partnership could be sought on priorities. Councillor Chattaway pursued this, as all the areas listed were desirable, but the officer resources were finite.

### **Resolved**

That Members approve the draft Implementation Plan as submitted.

## **6 DEFRA views on co-mingled collections and Technical, Environmental and Economic Practicability (TEEP) Report**

A report was submitted on anticipated changes to collection requirements for recyclable materials. Guidance was awaited from DEFRA, but uncertainty had been created by a letter from Lord de Mauley, Parliamentary Under Secretary of State for natural environment and science to local authorities.

Background was provided on the previous reports to the Partnership, a subsequent judicial review and guidance issued by the European Commission. The interpretation of TEEP was being considered by DEFRA and the publication of their guidance had been delayed as a result. Appended to the report was a copy of the presentation slides from a DEFRA briefing provided to local authorities in June 2013. The key issue was that local authorities had to justify the reasons for co-mingled collection. The letter from Lord de Mauley and one from the Local Government Association (LGA) were also appended to the report.

The implications for the Waste Partnership were reported. Waste collection authorities can continue with co-mingled collections after 1<sup>st</sup> January 2015, provided that they could demonstrate that their collection system and sorting arrangements were producing high quantities of quality material and that introducing separate collections would either not improve this quality, or it was not practicable to do so.

Obtaining legal advice was discussed. This could either be through the LGA or by the County Council taking the lead for Warwickshire, so that the implications could be considered further by the Partnership. It was established that most district and borough councils had substantial periods remaining on their current collection contracts. The contamination from glass shards in co-mingled collections, its impact on the quality of recyclable materials and the

risk of a legal challenge about the method of collection were further points raised. An opinion was expressed that the quality of output was the key aspect, irrespective of the method of collection. It was suggested, given the uncertainties, that this topic be revisited at the March meeting.

### **Resolved**

That the Waste Partnership notes the contents of the report and the views expressed regarding the implications of Technical, Environmental and Economic Practicability, and that this subject is revisited at the Partnership meeting in March.

## **7. Waste Partners Report**

### North Warwickshire Borough Council

John Rhodes reported that the collection arrangements allowing food waste mixed with green waste were going well, with no contamination issues to date.

### Nuneaton and Bedworth Borough Council

Brent Davies spoke to a circulated report, particularly about the 'Binfo' application for smart phones, which had been well received, with 400 residents now using the application.

### Rugby Borough Council

Sean Lawson reported that the recycling 'bring sites' had now been withdrawn totally, due to the fly tipping and other issues raised at the previous meeting. He added that the Borough Council's Household Waste Service Task Group was undertaking a review about the future waste operation.

### Warwick District Council

Graham Folkes-Skinner referred to his written report, highlighting the resident survey of perceptions of the local environment and the awaited analysis of results by the Keep Britain Tidy Group.

### Stratford District Council

Olly Scholefield spoke to a circulated report. He explained that the bulky waste collection service was being rebranded as a re-use scheme. A review was underway of the communal collection facilities for residents of flats and houses in multiple occupation. Another area being examined was the disposal of some low risk clinical waste, through the residual waste collection service, where this was appropriate and this would realise significant savings.

Warwickshire County Council

Glenn Fleet reported on progress with new County Council tenders for waste disposal. He spoke about the potential income streams from textile recycling, the necessity to comply with European tendering rules, due to the scale of some tenders and work on future disposal facilities.

In response to members' questions, there was further discussion about the future disposal arrangements, particularly the County Council's involvement in a local authority waste disposal company, its board composition, minimum tonnages and the comparative disposal costs. Another aspect raised was the location of an incinerator and travel costs for waste collection authorities to use this incinerator.

**Resolved**

That the Waste Partnership notes the contents of the report and acknowledges the work being undertaken by each partner authority.

**8. Waste Data Overview for Quarter 2, 2013/14**

The Partnership received the data overview for the second quarter of 2013/14. This included a provisional estimate of waste and recycling figures at both disposal and collection authority level, for the period. Glenn Fleet took the Partnership through the appended data, advising that overall, the waste figures had reduced, but were projected to rise again for the year ahead.

**Resolved**

That the Waste Partnership notes the contents of the report.

**9. Any urgent items**

None.

The meeting closed at 15:35

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Chair



## Warwickshire Waste Partnership

11<sup>th</sup> March 2014

### Waste Strategy Implementation Annual Targets and Key Work Areas

#### Recommendations

- (1) That Members approve the draft Waste Strategy Implementation Annual Targets and note the Key Work Areas for 2014/15

#### 1.0 Introduction

- 1.1 All the partners have now achieved Council sign off for the updated Joint Municipal Waste Strategy,
- 1.2 This report provides draft annual waste strategy targets for the remainder of the strategy period (up to 2020/21)
- 1.3 This report also provides key work areas for strategy delivery for the 2014/15 year.

#### 2.0 Annual Waste Strategy Targets

- 2.1 Annex A provides the proposed annual targets for meeting the two main Key Targets of the Joint Municipal Waste Management Strategy, which are;
- a) to reduce residual waste to 311kg per household, per year by the end of the strategy period (2020) and
- b) to achieve countywide recycling and composting targets of 65% by the end of the strategy period (2020)
- 2.2 These targets will then be subject to annual review.

#### 3.0 Key Areas of Work for 2014/15

- 3.1 Table 1 below shows the key areas of work to be undertaken by the partner officers in 2014/15

**Table 1**

	<b>Key Work Areas for 2014/15 Agreed by officers</b>
1	Promotion of Home Composting
2	Promote reduction and composting of food waste
3	Improve recycling rates at household waste recycling centres (HWRCs)
4	Promote kerbside recycling scheme usage
5	Improve recycling infrastructure and recycling rates at multi occupancy facilities e.g. flats
6	Increase reuse of items within Warwickshire
7	Promotion of junk mail reduction
8	Promotion of real nappies
9	Promotion of home wood chipping service

## Background Papers

1. None

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Portfolio Holder	Jeff Clarke	<a href="mailto:jeffclarke@warwickshire.gov.uk">jeffclarke@warwickshire.gov.uk</a>

## Annex A – Proposed Annual Targets

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
<b>NI191 (kg) – Residual Waste per household</b>	480.26	460.40	440.22	406.79	374.17	347.85	326.81	311
<b>NI192 (%) – Reuse, Recycling and Composting</b>	53%	54%	55%	57%	60%	62.00%	63.5%	65%

# Warwickshire Waste Partnership

11<sup>th</sup> March 2014

## Waste Partners Report

### Recommendations

- (1) The Waste Partnership is asked to acknowledge the work being undertaken in each partner authority.

#### 1.0 Introduction

- 1.1 This report provides an update on the various waste initiatives taking place in each authority area.
- 1.2 Authorities work together on communications initiatives where there is an associated benefit.

#### 2.0 North Warwickshire Borough Council

- 2.1 Verbal update to be provided at the meeting.

#### 3.0 Nuneaton & Bedworth Borough Council

- 3.1 Verbal update to be provided at the meeting.

#### 4.0 Rugby Borough Council

- 4.1 Verbal update to be provided at the meeting.

#### 5.0 Warwick District Council

- 5.1 Undertook a successful recycling awareness campaign over the Christmas period. E-mail alerts and Tweets were used to make resident's aware of collection changes and to encourage residents to recycle as much waste as possible over Christmas. Campaign created a spike in e-mail sign ups and an increase in the number of local residents following us on Twitter. Hits on our recycling web pages also increased by 15% compared to Christmas 2012.

- 5.2 Development projects are being progressed and the approach is working in allowing members of the team time and opportunity to develop ideas that should help the team achieve efficiencies in how we work:
- i. Recycling in flat rationalisation – project has been put on hold until funding is secured to provide recycling bins.
  - ii. Sponsorship – Meeting has been held with Immediate Solutions to discuss sponsorship opportunities within the District
  - iii. Measures – Agreements in principle have been reached for how the team will measure success. A more robust approach to Contract Management is being investigated. Aim is to develop these measures for April 2014.
  - iv. Purchase and Delivery of new containers - New processes for stock management are being implemented
  - v. PR and Marketing – WDC are updating their website for new financial year which will new opportunities for how we promote our services. Team is working with media team to trial Cision media
  - vi. Monitoring with the hope that the service will allow us to better measure the effect of our marketing investments. A communications plan for the team is being drafted.
- 5.3 Revised waste partnership strategy was approved on 12<sup>th</sup> February 2014.
- 5.4 A recycling awareness leaflet is being sent out to all households in the District alongside annual Council tax bills. The leaflet updates residents on the increased recycling rate and also promotes Love Food Hate Waste, Home Composting, No to Junk Mail and Cotton Nappies.
- 5.5 WDC has been liaising with Warwickshire County Council with regards to the delivery of the project to sticker receptacles with recycling advice. The work to apply these stickers will be undertaken by a third party contractor and this has recently gone out to tender. We are currently awaiting a response.

## **6.0 Stratford District Council**

- 6.1 The kerbside collection of small items of WEEE, textiles and household batteries continues to prove popular. A bin containing around one tonne of batteries is about to be sent to the reprocessor. This will be the second bin of batteries to be sent since the start of the service in April 2013.
- 6.2 The offer to residents of a free kitchen caddy and a start-up roll of compostable caddy liners featured in the November 2013 issue of the Council's resident's magazine "Stratford View" proved very popular. Over six hundred residents collected a caddy.
- 6.3 A review of clinical waste collections took place in November 2013 following the change to the definition of clinical waste in The Controlled Waste Regulations 2012 and the work carried out by a number of Staffordshire authorities. The number of collections has been reduced from forty seven to six. Waste previous collected as clinical and sent for specialist incinerator is now collected and disposed of through the general waste service

- 6.4 SDC took the lead in the Waste Partnership Christmas waste campaign which included “24 Tweets to Christmas”, an on-line Christmas A-Z and promotion of paper, cardboard and glass recycling.

## **7.0 Warwickshire County Council**

- 7.1 Work is taking place on the following tenders:
- i. HWRC Recyclables – A tender for the sale of paper, card, cardboard and mixed soft plastic from Warwickshire HWRCs is now live and over 20 expressions of interest have been received. The tender will be awarded via an e-auction in early April. The e-auction is being funded by Improvement and Efficiency West Midlands. If the tender process proves to be successful, further e-auctions will take place for other recyclable materials
  - ii. Carpet – The tender for the reprocessing of Carpet Waste closed in early February and has been awarded.
  - iii. Wood – The tender for the reprocessing of Wood Waste closed in late February.
  - iv. Analysis of gas and leachate – Tender has been awarded.
- 7.2 Work on ReStat (the development of a new waste data management system) is steadily progressing
- 7.3 A series of home composting workshops have been taking place across the County, with more planned. So far over 300 residents have attended these workshops. Subsidised composters are also available for the public to purchase either on-line or via certain reuse shops and HWRCs (see <http://www.warwickshire.gov.uk/composting>).
- 7.4 Volunteers for becoming a Master Composter are being sought with training due to take place at the end of March at Ryton Gardens.
- 7.5 The Warwickshire Week of Thrift, inspired by the national week of thrift, is due to take place the last week of March (w/c 24<sup>th</sup> March). Companies and organisations from around Warwickshire will be able to join in and offer ‘thrifty’ events and activities by advertising them on the following site: [thriftweek.co.uk](http://thriftweek.co.uk). The aim is that a wide variety of organisations become involved and local events will be offered throughout Warwickshire in order to promote ‘thrifty’ living.
- 7.6 Nappies - A free two week trial of washable nappies is now available to parents and carers in Warwickshire. This enables them to try different styles of washable nappies before making the decision of which to buy. The kits are available in two sizes, newborn and 3 months to potty training. Devon County Council run a similar scheme from which 80% of those using the trial went on to buy and use washable nappies. More information can be found at: <http://www.warwickshire.gov.uk/cottonnappies>

## Background Papers

1. None

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## Warwickshire Waste Partnership

11<sup>th</sup> March 2014

### Waste Data Overview for Q3 2013/14

#### Recommendations

- (1) The Waste Partnership is asked to note the provisional data for the 3rd quarter, October to December 2013.

#### 1.0 Key Issues

- 1.1 Members of the Warwickshire Waste Partnership are presented with an estimate of waste and recycling figures at Disposal and Collection Authority level.

#### 2.0 Data Overview

- 2.1 This report contains a mixture of data taken from Waste Data Flow and from Warwickshire County Council in-house records and at the publication of this report are considered **provisional estimates**
- 2.2 The figures should be treated as provisional as data may be changed until all authorities data is approved by the EA and DEFRA through the Waste Data Flow System.



## Provisional Waste Management Data Quarter 3 2013/14

Figures are taken from Warwickshire County Council in-house records and at the publication of this report are considered provisional estimates.

### 1. Total Municipal Waste Arising and Disposal Route (Tonnes)

	October	November	December	Q3 Total	Q2 Total
<b>Total Tonnes</b>	<b>23,756</b>	<b>21,028</b>	<b>18,655</b>	<b>63,439</b>	74,215
<b>Landfilled</b>	5,751	5,316	4,085	<b>15,152</b>	21,686
<b>Inert - Landfilled</b>	0	0	0	<b>0</b>	0
<b>Energy from Waste</b>	4,646	4,330	5,599	<b>14,575</b>	10,837
<b>Other Technology*</b>	0	0	0	<b>0</b>	0
<b>In-vessel Composting*</b>	5,546	4,221	2,618	<b>12,385</b>	16,278
<b>Windrow Composting*</b>	894	485	308	<b>1,687</b>	3,999
<b>Other Composting*</b>	0	0	0	<b>0</b>	0
<b>Recycling (HWRC)</b>	1,661	1,538	1,353	<b>4,552</b>	5,300
<b>Recycling (WCA)</b>	4,733	4,694	4,432	<b>13,859</b>	13,963
<b>Reuse</b>	525	444	260	<b>1,229</b>	2,152

\*Other Technology – Refuse Derived Fuel

\*Windrow composting – Outdoor composting of green garden waste from HWRCs, NBBC and NWBC

\*In Vessel composting – Indoor controlled composting of garden and food waste from RBC, WDC, SDC

\*Other composting – Chipboard and wood

### 2. Percentage of Waste by Disposal Route

	October	November	December	Q3 Total	Q2 Total
% Recycling	26.9%	29.6%	31.0%	<b>29.0%</b>	26.0%
% Composting	27.0%	22.4%	15.7%	<b>22.2%</b>	27.3%
% Reuse	2.2%	2.1%	1.4%	<b>1.9%</b>	2.9%
Total	56.1%	54.1%	48.1%	<b>53.1%</b>	56.2%

% Landfill	24.3%	25.3%	21.9%	<b>23.9%</b>	29.2%
% Energy from Waste and RDF	19.6%	20.6%	30.0%	<b>23.0%</b>	14.6%
Total	43.9%	45.9%	51.9%	<b>46.9%</b>	43.8%

### 3. Estimated Provisional Performance Q3

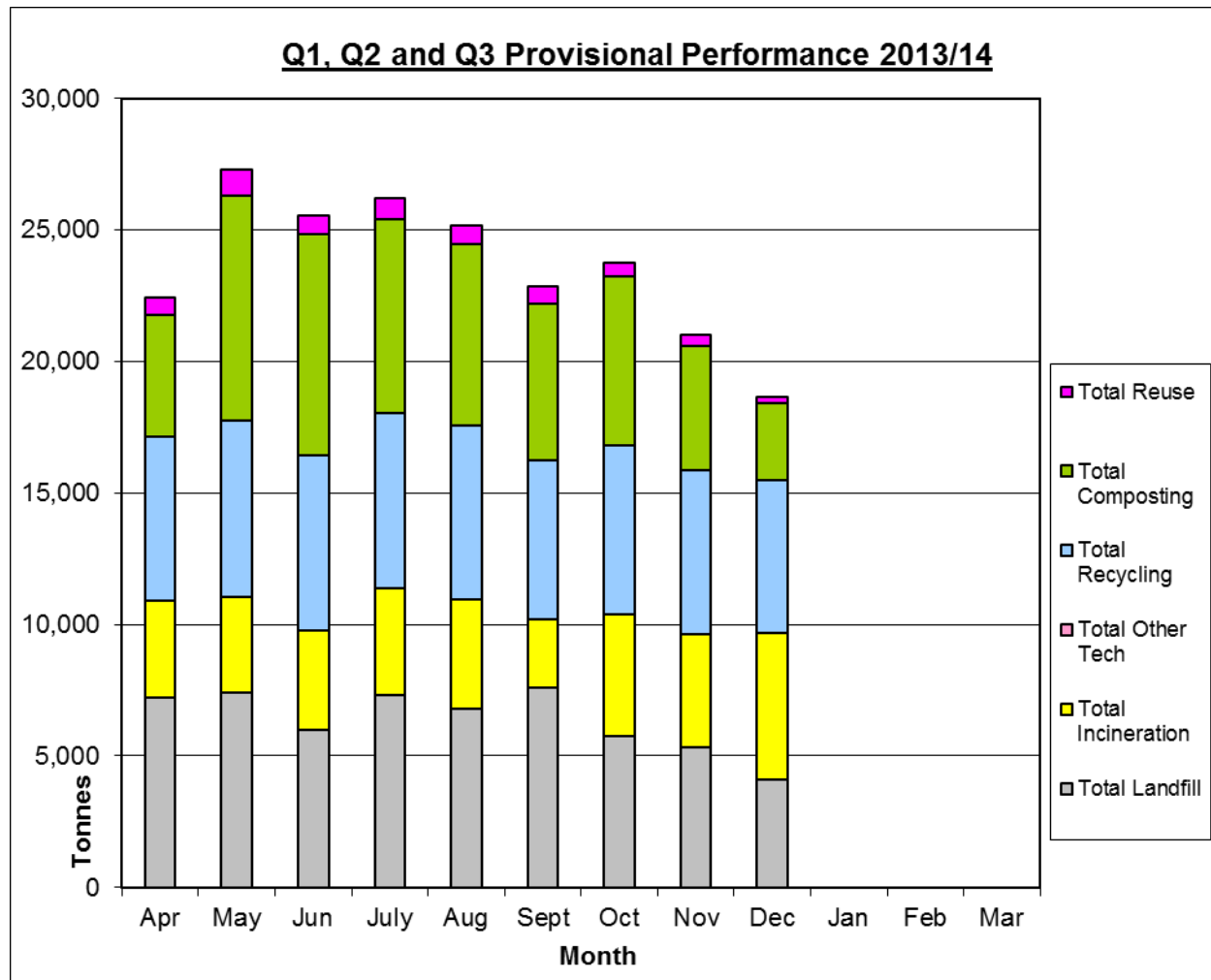
	<b>Q3 2012/2013</b>	<b>Q3 2013/2014</b>	<b>Change</b>
Recycling Rate/Reuse	16,643 tonnes	19,640 tonnes	↑ 2,997 tonnes up
	<b>26.8%</b>	<b>31.0%</b>	↑ 4.2% up
Composting Rate	13,209 tonnes	14,072 tonnes	↑ 863 tonnes up
	<b>21.2%</b>	<b>22.2%</b>	↑ 1.0% up
Recycling, Composting and Reuse Rate	29,852 tonnes	33,712 tonnes	↑ 3,860 tonnes up
	<b>48.0%</b>	<b>53.1%</b>	↑ 5.1% up
Landfill Rate	19,598 tonnes	15,152 tonnes	↓ 4,446 tonnes down
	<b>31.5%</b>	<b>23.9%</b>	↓ 7.6% down
Energy from Waste	12,766 tonnes	14,575 tonnes	↑ 1,809 tonnes up
	<b>20.5%</b>	<b>30.0%</b>	↑ 9.5% up
<b>Total Municipal Waste</b>	<b>62,216 tonnes</b>	<b>63,439 tonnes</b>	↑ 1,223 tonnes
			↑ 1.9% up

### 4. Comparison of Q1, Q2 and Q3 Combined Performance

	<b>Q1, 2 and 3 2012/2013</b>	<b>Q1, 2 and 3 2013/2014</b>	<b>Change</b>
Recycling/Reuse Rate	55,899 tonnes	60,423 tonnes	↑ 4,524 tonnes up
	<b>26.2%</b>	<b>28.7%</b>	↑ 2.5% up
Composting Rate	60,324 tonnes	56,753 tonnes	↓ 3,571 tonnes down
	<b>28.2%</b>	<b>26.7%</b>	↓ 1.5% down
Recycling, Composting and Reuse Rate	116,223 tonnes	117,176 tonnes	↑ 953 tonnes up
	<b>54.4%</b>	<b>55.4%</b>	↑ 1.0% up
Landfill Rate	66,996 tonnes	57,657 tonnes	↓ 9,339 tonnes down
	<b>31.4%</b>	<b>27.2%</b>	↓ 4.2% down
Energy from Waste	30,358 tonnes	37,054 tonnes	↑ 6,696 tonnes up
	<b>14.2%</b>	<b>17.4%</b>	↑ 3.2% up
<b>Total Municipal Waste</b>	<b>213,577 tonnes</b>	<b>211,887 tonnes</b>	↓ 1,690 tonnes down
			↓ 0.7% down

NB. District recycling rates are taken from claimed recycling credits. Last years figures are taken from Waste Data Flow. All other figures are taken from Warwickshire County

Council in-house records and at the publication of this report are considered **provisional estimates**.



## 5. District Provisional Performance – Household waste

*Note: Figures are from the Waste Management System and not Waste Data Flow therefore WCA reporting differences will exist.*

	North Warwickshire		Nuneaton and Bedworth		Rugby		Stratford		Warwick	
	Q1, Q2 and Q3 2012/13	Q1, Q2 and Q3 2013/14	Q1, Q2 and Q3 2012/13	Q1, Q2 and Q3 2013/14	Q1, Q2 and Q3 2012/13	Q1, Q2 and Q3 2013/14	Q1, Q2 and Q3 2012/13	Q1, Q2 and Q3 2013/14	Q1, Q2 and Q3 2012/13	Q1, Q2 and Q3 2013/14
Recycling Rate	2,853 tonnes	2,741 tonnes	7,993 tonnes	7,997 tonnes	7,604 tonnes	7,282 tonnes	10,640 tonnes	10,722 tonnes	9,666 tonnes	10,901 tonnes
	13%	13%	22%	22%	24%	23%	26%	27%	26%	28%
Composting Rate	4,991 tonnes	5,410 tonnes	9,235 tonnes	9,816 tonnes	9,377 tonnes	8,623 tonnes	15,580 tonnes	14,697 tonnes	13,088 tonnes	11,838 tonnes
	24%	26%	25%	26%	29%	28%	37%	36%	34%	31%
Recycling, Composting and Reuse Rate	7,844 tonnes	8,151 tonnes	17,228 tonnes	17,813 tonnes	16,981 tonnes	15,905 tonnes	26,220 tonnes	25,419 tonnes	22,754 tonnes	22,739 tonnes
	37%	39%	47%	48%	53%	51%	63%	63%	60%	59%
Residual	13,403 tonnes	12,796 tonnes	19,420 tonnes	19,266 tonnes	15,234 tonnes	15,315 tonnes	15,465 tonnes	14,933 tonnes	15,427 tonnes	15,779 tonnes
	63%	61%	53%	52%	47%	49%	37%	37%	40%	41%
Total	21,247 tonnes	20,947 tonnes	36,648 tonnes	37,079 tonnes	32,215 tonnes	31,220 tonnes	41,685 tonnes	40,352 tonnes	38,181 tonnes	38,518 tonnes