

## Warwickshire Waste Partnership

6 March 2012

### Quarterly Waste and Recycling Data Update

#### Recommendation

That the Waste Partnership notes the provisional waste and recycling data for the third quarter, October to December 2011.

#### 1.0 Introduction

- 1.1 This report contains a mixture of data taken from Waste Data Flow and from Warwickshire County Council in-house records and, at the time of publication of this report, are considered provisional estimates.
- 1.2 The figures should be treated as provisional until the data from all authorities has been approved by the Environment Agency and the Department for Environment, Food and Rural Affairs (DEFRA) through the Waste Data Flow System.

#### 2.0 Total Municipal Waste Arising and Disposal Route (Tonnes)

|   | October       | November      | December      | Q3 Total      | Q2 Total      |
|---|---------------|---------------|---------------|---------------|---------------|
| <b>Total Tonnes</b>                     | <b>21,695</b> | <b>20,974</b> | <b>17,273</b> | <b>59,912</b> | <b>70,436</b> |
| <b>Landfilled</b>                       | 7,083         | 7,888         | 7,317         | 22,288        | 23,460        |
| <b>Inert - Landfilled</b>               | 532           | 425           | 379           | 1,336         | 1,407         |
| <b>Energy from Waste</b>                | 2977          | 2886          | 3051          | 8,914         | 9,972         |
| <b>Other Technology<sup>1</sup></b>     | 551           | 0             | 0             | 551           | 1,633         |
| <b>In-vessel Composting<sup>2</sup></b> | 3516          | 2994          | 1526          | 8,036         | 10,659        |
| <b>Windrow Composting<sup>3</sup></b>   | 1723          | 1297          | 359           | 3,379         | 6,243         |
| <b>Other Composting<sup>4</sup></b>     | 279           | 286           | 163           | 728           | 1,139         |
| <b>Recycling (HWRC)</b>                 | 1,085         | 1,087         | 809           | 2,981         | 3,313         |
| <b>Recycling (WCA)</b>                  | 3,773         | 3,997         | 3,635         | 11,405        | 11,724        |
| <b>Reuse</b>                            | 176           | 114           | 34            | 324           | 886           |

<sup>1</sup> Refuse Derived Fuel

<sup>2</sup> Indoor controlled composting of garden and food waste from RBC, WDC, SDC

<sup>3</sup> Outdoor composting of green garden waste from HWRCs, NBBC and NWBC

<sup>4</sup> Chipboard and wood

### 3.0 Percentage of Waste by Disposal Route

|              | October      | November     | December     | Q3 Total     | Q2 Total     |
|--------------|--------------|--------------|--------------|--------------|--------------|
| % Recycling  | 22.4%        | 24.3%        | 25.7%        | 24.0%        | 21.3%        |
| % Composting | 25.4%        | 21.9%        | 11.9%        | 20.2%        | 26%          |
| % Reuse      | 0.8%         | 0.6%         | 0.2%         | 0.5%         | 1.3%         |
| <b>Total</b> | <b>48.6%</b> | <b>46.8%</b> | <b>37.8%</b> | <b>44.7%</b> | <b>48.6%</b> |

|                             |              |              |              |              |              |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|
| % Landfill                  | 35.1%        | 39.6%        | 44.6%        | 39.4%        | 33.3%        |
| % Energy from Waste and RDF | 16.3%        | 13.6%        | 17.6%        | 15.9%        | 16.5%        |
| <b>Total</b>                | <b>51.4%</b> | <b>53.2%</b> | <b>62.2%</b> | <b>55.3%</b> | <b>49.8%</b> |

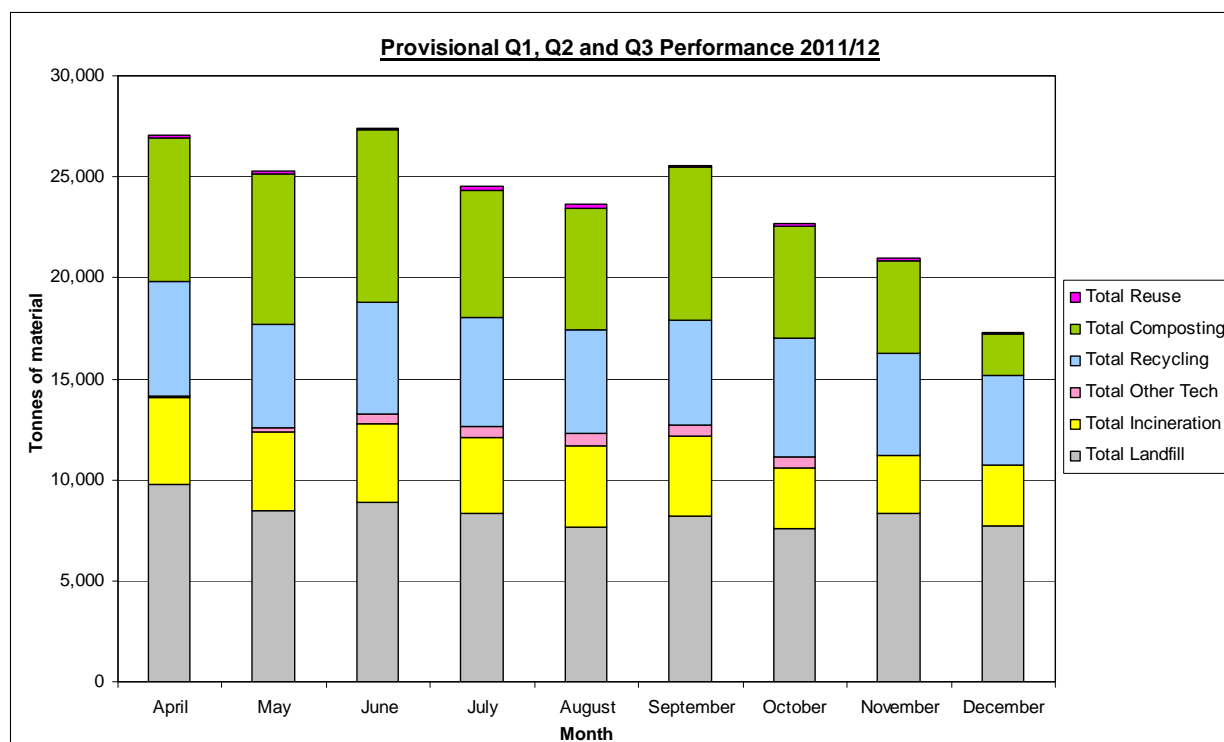
### 4.0 Estimated Provisional Performance

|                                      | Q3 2010/2011         | Q3 2011/2012         | Change              |
|--------------------------------------|----------------------|----------------------|---------------------|
| Recycling Rate                       | 14,065 tonnes        | 14,386 tonnes        | 😊 321 tonnes up     |
|                                      | <b>23.1%</b>         | <b>24%</b>           | 😊 0.9% up           |
| Composting Rate                      | 12,874 tonnes        | 12,143 tonnes        | X 731 tonnes down   |
|                                      | <b>21.2%</b>         | <b>20.2%</b>         | X 1.0% down         |
| Recycling, Composting and Reuse Rate | 27,257 tonnes        | 26,853 tonnes        | X 404 tonnes down   |
|                                      | <b>45%</b>           | <b>44.7%</b>         | X 0.3% down         |
| Landfill Rate                        | 19,762 tonnes        | 23,624 tonnes        | X 3,862 tonnes up   |
|                                      | <b>32.5%</b>         | <b>39.4%</b>         | X 6.9% up           |
| Energy from Waste                    | 12,311 tonnes        | 9,465 tonnes         | X 2,846 tonnes down |
|                                      | <b>20.3%</b>         | <b>15.9%</b>         | X 4.4% down         |
| <b>Total Municipal Waste</b>         | <b>60,782 tonnes</b> | <b>59,912 tonnes</b> | 😊 870 tonnes down   |
|                                      |                      |                      | 😊 1.4% down         |

## 5.0 Comparison of Q1, Q2 and Q3 Combined Performance

|  | Q1, Q2 and Q3<br>2010/2011 | Q1, Q2 and Q3<br>2011/2012 | Change               |
|--|----------------------------|----------------------------|----------------------|
| Recycling Rate                             | 47,430 tonnes              | 44,407 tonnes              | X 3,023 tonnes down  |
|  | <b>22.1%</b>               | <b>22.0%</b>               | X 0.1% down          |
| Composting Rate                            | 55,767 tonnes              | 52,442 tonnes              | X 3,325 tonnes down  |
|  | <b>26%</b>                 | <b>26.0%</b>               | 😊 same               |
| Recycling,<br>Composting and<br>Reuse Rate | 103,197 tonnes             | 97,173 tonnes              | X 6,024 tonnes down  |
|  | <b>48.2%</b>               | <b>48.2%</b>               | 😊 same               |
| Landfill Rate                              | 71,168 tonnes              | 73,883 tonnes              | X 2,715 tonnes up    |
|  | <b>33.2%</b>               | <b>36.6%</b>               | X 3.4% up            |
| Energy from<br>Waste                       | 39,928 tonnes              | 30,856 tonnes              | X 9,072 tonnes down  |
|  | <b>18.6%</b>               | <b>15.3%</b>               | X 3.3% down          |
| <b>Total Municipal<br/>Waste</b>           | <b>214,292 tonnes</b>      | <b>201,912 tonnes</b>      | 😊 12,380 tonnes down |
|  |                            |                            | 😊 5.8% down          |

Note: District recycling rates are taken from claimed recycling credits. Last year's figures are taken from Waste Data Flow. All other figures are taken from Warwickshire County Council in-house records and, at the time of publication of this report, are considered provisional estimates.



## 6.0 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 2010/11 | Q1, Q2 and Q3 2011/12 | Q1, Q2 and Q3 2010/11 | Q1, Q2 and Q2 2011/12 | Q1, Q2 and Q3 2010/11  | Q1, Q2 and Q3 2011/12 | Q1, Q2 and Q3 2010/11 | Q1, Q2 and Q3 2011/12 | Q1, Q2 and Q3 2010/11 | Q1, Q2 and Q3 2011/12 |
| Recycling Rate                       | 2,300 tonnes<br>11%   | 2,508 tonnes<br>13%   | 6,285 tonnes<br>15.5% | 5,601 tonnes<br>14.7% | 7,903 tonnes<br>26%    | 7,663 tonnes<br>25%   | 10,798 tonnes<br>26%  | 9,269 tonnes<br>26%   | 8,003 tonnes<br>21%   | 7,138 tonnes<br>20%   |
| Composting Rate                      | 4,422 tonnes<br>21.5% | 4,726 tonnes<br>24.5% | 7,574 tonnes<br>19%   | 8,192 tonnes<br>21.5% | 8,305 tonnes<br>27%    | 8,047 tonnes<br>26%   | 14,350 tonnes<br>35%  | 12,467 tonnes<br>34%  | 11,146 tonnes<br>29%  | 10,707 tonnes<br>30%  |
| Recycling, Composting and Reuse Rate | 6,722 tonnes<br>33%   | 7,330 tonnes<br>38%   | 13,859 tonnes<br>34%  | 13,716 tonnes<br>36%  | 16,211 tonnes<br>52.8% | 15,712 tonnes<br>51%  | 25,148 tonnes<br>61%  | 21,739 tonnes<br>60%  | 19,149 tonnes<br>50%  | 17,845 tonnes<br>50%  |
| Residual                             | 13,806 tonnes<br>67%  | 11,960 tonnes<br>62%  | 26,670 tonnes<br>66%  | 24,385 tonnes<br>64%  | 14,496 tonnes<br>47%   | 16,561 tonnes<br>53%  | 15,821 tonnes<br>39%  | 14,510 tonnes<br>40%  | 18,780 tonnes<br>50%  | 17,845 tonnes<br>50%  |
| Total                                | 20,528 tonnes         | 19,291 tonnes         | 40,530 tonnes         | 38,101 tonnes         | 30,707 tonnes          | 31,057 tonnes         | 40,972 tonnes         | 36,249 tonnes         | 37,928 tonnes         | 35,690 tonnes         |

### Contact details

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