
WARWICKSHIRE WASTE PARTNERSHIP

COMMITTEE ROOM 2, SHIRE HALL, WARWICK

2:00pm, 25 June 2013

AGENDA

General

1. **Apologies**
2. **Disclosures of interests**
3. **Minutes of the previous meeting**

Reports

4. **Progress with Waste Strategy - Update**
5. **Waste Data Overview for Q4 2012-13**
6. **Waste Composition Analysis**
7. **Waste Partners Report**

Other

8. **Dates of future meetings**
 - 10 September 2013
 - 3 December 2013
 - 11 March 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 Neil Phillips

Rugby Borough Council

Councillor Dr. Mark Williams

Stratford-on-Avon District Council

Councillor Lynda Organ

Warwick District Council

Councillor Dave Shilton

Warwickshire County Council

Councillors Mike Brain, Richard Chattaway, Jeff Clarke, Jenny Fradgley, and Philip Johnson

Enquiries

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WARWICKSHIRE WASTE PARTNERSHIP
Minutes of the meeting held at 2pm on 5 March 2013, Shire Hall, Warwick

Present:

Members

Councillor Lynda Organ
Councillor Hayden Phillips
Councillor Neil Phillips
Councillor Dave Shilton (Chair)

Officers

Brent Davis
Olivia Davies
Glenn Fleet
Graham Folkes-Skinner

Richard Maybey
Kerry Moore
Olly Scholefield

Visitors

David Beal (Reuse Forum)
Councillor David Dodd (Oxfordshire Waste Partnership)
David Garrett (Garden Organic)
Jane Griffiths (Garden Organic)
Wayne Lewis (Oxfordshire Waste Partnership)

Councillor Barry Lobbett (WCC)
Kristie Naimo (Reuse Forum)
Kate Newman (Garden Organic)
Philip Turvil (Garden Organic)

1. Apologies

Received from Councillors Jeff Clarke, Alan Cockburn, Dr. Mark Williams and John Whitehouse; and Sean Lawson.

2. Disclosures of interests

None

3. Minutes of the previous meeting, including matters arising

- 3.1 The minutes were agreed as an accurate record of the meeting held on 4 December 2012.
- 3.2 Cllr Shilton referred to a letter received from Eric Pickles MP, in response to the Partnership's letter to the Prime Minister (6 December 2012) which outlined concern at the Secretary of State's views on weekly waste collections. Cllr Shilton expressed disappointment that Mr Pickles' response was not in keeping with the aims and ambitions of Warwickshire's waste collection authorities, and suggested that the Partnership should pursue this further via the Prime Minister.
- 4. Reuse Forum**
- 4.1 David Beal and Kristie Naimo delivered a presentation on the Reuse Forum, highlighting the following points:
- a) Coventry and Solihull have recently joined the Warwickshire Reuse Forum
 - b) The Forum has been successful in promoting re-use, especially of bulky waste (e.g., furniture, fridges and bikes)
 - c) Bulky waste reuse services are popular with the public, and provide a significant income stream to the third sector
 - d) The Forum is working on an implementation plan with WRAP to increase the total amount of bulky waste re-used and recycled across the authority areas
 - e) The Forum will be reviewing the draft implementation plan on 6 March
- 4.2 During the ensuing discussion, the following points were noted:
- a) The role of Internet sites such as Freecycle and Freegle can be raised as part of the 6 March discussion for possible inclusion in the plan

- b) Promoting reuse of bulky goods has the support of WRAP and the local waste authorities. For example, there is clear signage at the Household Waste Recycling Centres signposting people to reuse facilities
- c) Products that are sold for reuse require the appropriate certification (PAT, fire safety etc)
- d) Rogue traders are still collecting kerbside donations (particularly textiles)
- e) The demographic of customers at the reuse sites is mixed

5. Oxfordshire Waste Partnership

5.1 Cllr David Dodd and Wayne Lewis delivered a presentation on the operation of the Oxfordshire Waste Partnership (OWP), highlighting the following points:

- a) OWP operates the same structure as Warwickshire, comprising 5 district councils and the county council
- b) It was formed in 2003 on an informal basis
- c) In 2006, the Audit Commission suggested it had a lack of focus and clear purpose
- d) As a result, OWP became a formal joint committee in 2007, with an agreed constitution and terms of reference
- e) Its main function is to agree a Joint Municipal Waste Strategy, and then implement a three-year action plan against the strategic objectives within it
- f) Key services that OWP promote are: composting, food-waste reduction, fashion upselling, community action groups (i.e., swap shops) and waste and energy education
- g) Recycling performance has significantly improved in all districts compared to 5 years ago
- h) Nationally, Oxfordshire has three authorities in the top 10 for recycling and food waste collection
- i) Moving forward, OWP has agreed to stretch its recycling targets to 65% by 2020 and 70% by 2025, which are more ambitious targets than the suggested DEFRA and EU targets

5.2 During the ensuing discussion, the following points were noted:

- a) The move to weekly food waste collections was driven by a combination of the government's push to Anaerobic Digestion (AD), the wishes of residents and the timing of contract renewals
- b) There were financial incentives from the county council to operate weekly collections, but also financial penalties for not meeting targets
- c) Despite financial incentives being reduced due to austerity measures, the collection authorities are coping and there is no intention to move away from weekly collections
- d) OWP operates an annual revenue budget of £288,000, which is funded 50% from the county council and 50% from the districts (10% each)

6. Master Garden Scheme – Philip Turvil, Garden Organics

6.1 Philip Turvil delivered a presentation on the Master Garden Scheme, highlighting the following points:

- a) Since 2010, the Master Gardener and Master Composter scheme has helped around 40,000 people across the UK to grow their own fruit and vegetables
- b) The volunteer-run scheme encourages behavioural change towards composting and gardening through events and support
- c) It is funded from the Big Lottery Fund and from Warwickshire County Council

- 6.2 During the ensuing discussion, the following points were raised:
- a) In addition to its health and social benefits, growing food also helps waste reduction by reducing the amount of packaging entering the waste stream
 - b) Allotments are often too large in size, which can be off-putting or overwhelming for new tenants
 - c) New housing developments should be encouraged to build communal green spaces and allotments
 - d) Boroughs and districts should include the provision of allotments in their local plans

7. Dates of future meetings

These were confirmed as:

- 25 June 2013
- 10 September 2013
- 3 December 2013
- 11 March 2014

8. Agenda item suggestions for next meeting

- Feedback on the presentations of today's meeting
- Outcomes of the Warwickshire Waste Conference held on 8 March 2013
- Report of the waste compositional analysis
- Update from the waste officers group
- Update from each waste authority

9. Any urgent items

None

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Chair

The meeting closed at 16.10

Warwickshire Waste Partnership 25th June 2013

Progress with Waste Strategy Update

Recommendation

That the waste partnership notes the overview of the waste strategy update and approves the proposed way forward.

1.0 Background

- 1.1 Warwickshire currently has two strategy documents adopted by the Warwickshire Waste Partnership relating to the delivery of waste targets, namely - the Joint Municipal Waste Management Strategy (2005) and the Joint Waste Minimisation Strategy (2007). Both strategy documents have also been adopted individually by each of the Authorities.
- 1.2 The key targets and objectives within the old documents are summarised below:
- (1) Reduce the amount of waste produced in Warwickshire.
 - (2) Work progressively towards higher recycling levels, exceeding current statutory targets of 30%¹
 - (3) Aim to reach inspirational county-wide targets of between 40-45% recycling to be achieved by 2009/10²
 - (4) Limit the amount of waste disposed of to landfill – making use of existing waste treatment facilities e.g., Coventry and Solihull's EfW facility.
 - (5) After maximising recycling and composting, treat all remaining waste using 'other' market technology (no new landfill contracts)³
- 1.3 Warwickshire made steady progress towards meeting the key objectives of the Strategy and adopted a number of stretched targets⁴ in 2011.

¹ The UK Waste Strategy 2000 set a national target to recycle or compost at least 30% by 2010. The EU recycling target is now 50% for municipal waste by 2020

² We are currently at 53%

³ Updated as part of a Task and Finish Group in June 2011

⁴ These targets run until 2014 and are provided in Appendix 1

2.0 Waste Strategy Update

- 2.1 The Warwickshire Waste Partnership agreed to update key elements of the Joint Municipal Waste Strategy document including waste composition, services, performance information, data and legislation. It was not the intention to fundamentally re-write the existing strategy, start from a blank canvas or alter the main strategy objectives.
- 2.2 The updated Joint Municipal Waste Management Strategy will ensure that the members of the Warwickshire Waste Partnership continue to work together to implement sustainable methods of waste management and will ensure the Authorities meet their legislative requirements.

3.0 Progress

- 3.1 Work on the update to the strategy commenced following the Warwickshire Waste Partnership meeting in June 2012. The following tasks have been completed since December 2012.
- Planning and completion of spring 2013 waste composition analysis (2nd sort) in late Feb / early March (see also separate WWP report on waste composition analysis)
 - Provision of raw data for the spring 2013 waste composition analysis from the consultant- circulated to all WCAs
 - The draft annual report for the waste composition (combining both autumn 2012 and spring 2013 sorts) has been received by the project team
 - The update to national waste strategies and policies section drafted
 - Quality assurance of draft national waste strategies and policies completed by critical friend⁵
 - The data on services and performance has been provided by each WCA and collated by the project team
 - The information on data and projections has been collated
 - Waste conference planning completed
 - The waste conference took place on 8th March, full detail in 4.0
 - A public consultation on targets and proposed way forward, took place in April/May, details in 5.0

4.0 Waste Conference

- 4.1 The annual waste conference took place on 8th March 2013. The conference began with a presentation from WRAP⁶ on waste management nationally, a second presentation covered progress with waste management in Warwickshire since 2005.

⁵ Warwickshire County Council has procured the support of a critical friend to support the update process

⁶ Waste Resources Action Programme – www.wrap.org.uk

4.2 Following on from the above presentations the attendees split into groups and participated in the two workshops below. Hand-outs with key facts on Warwickshire's waste were given out to help with the discussions.

- Reduce and re-use workshop
- Recycling and composting workshop

4.3 After each workshop the attendees were asked to vote on a number of questions to inform the targets and indicators of the updated strategy. The full results are provided in Appendix 2.

4.4 The overall results show the attendees to the conference were committed to reducing waste and increasing re-use, recycling and composting in Warwickshire.

5.0 Public Consultation

5.1 A public consultation took place between 23rd April and 25th May 2013 to find out if they supported the way forward proposed by the Partnership. The full results are provided in Appendix 3.

5.2 Overall the public did agree with the way forward proposed by the Partnership.

6.0 Key targets

6.1 The key proposed aspirational targets for the updated strategy are as follows:

- Aim to achieve to reduce household waste to 320kg per person, per year, by the end of the strategy period (2020)
- Aim to achieve countywide recycling and composting targets of 70% by the end of the strategy period (2020)

7.0 Next steps

7.1 The next steps for the project are as follows:

- Quality assurance of services and performance draft by critical friend
- Review of waste composition reports by project team
- Update of targets based on data from waste conference
- Development of actions and indicators based on data from waste conference
- Quality assurance of targets, actions and indicators by critical friend
- Planning and implementation of statutory consultation process with critical friend

Background Papers

1. Review of Warwickshire's Municipal Waste Management Strategy, Warwickshire Waste Partnership – 26 June 2012
2. Proposed new Waste Management Targets to support Warwickshire's Municipal Waste Management Strategy, Warwickshire Waste Partnership – 6th December 2011
3. Waste Strategy Update, Warwickshire Waste Partnership – 4th December 2012

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Appendix 1 Stretched Targets Adopted in 2011

Measures	Aim	2011/12 Target	2012/13 Target	2013/14 Target
Residual household waste per household (formerly NI 191)	Low	538kg	485kg	473kg
Household waste re-used, recycled and composted (formerly NI 192)	High	50.29%	54.72%	55.94%
Municipal waste landfilled (formerly NI 193)	Low	34.11%	34.03%	17.28%
Household waste that has been used to recover heat, power and other energy sources (formerly LI 721)	High	19.46%	17.27% ¹	20.68%
Percentage recycling and composting of "household waste" at Household Waste Recycling Centres (formerly LI 725)	High	66.62%	67.97%	69.68%

¹ The target for Household Waste that has been used to recover heat, power and other energy sources (formally LI 1721) is lower in 2012/13 due to a change in the waste management contracts at Warwickshire County Council.

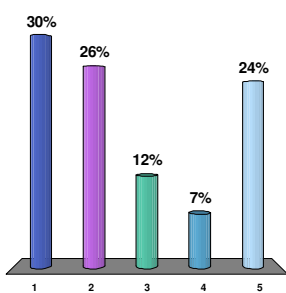
Warwickshire Waste Partnership Conference

8th March 2013



In order of preference, choose three of the following schemes to be the focus for promoting waste reduction in Warwickshire

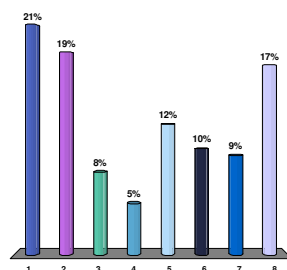
1. Love Food Hate Waste
2. Home Composting
3. Junk Mail
4. Real Nappies
5. Smart Shopping



Scheme	Percentage
1. Love Food Hate Waste	30%
2. Home Composting	26%
3. Junk Mail	12%
4. Real Nappies	7%
5. Smart Shopping	24%

In order of preference, choose three of the following schemes to be the focus for promoting re-use in Warwickshire

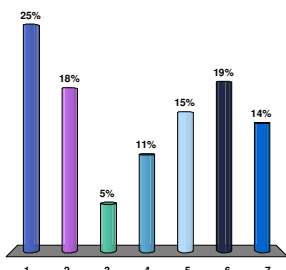
1. Bulky waste collections
2. Furniture re-use schemes
3. Charity and second hand shops
4. Textiles collections
5. On-line re-use
6. WEEE re-use
7. Paint re-use
8. HWRC re-use shops



Scheme	Percentage
1. Bulky waste collections	21%
2. Furniture re-use schemes	19%
3. Charity and second hand shops	8%
4. Textiles collections	5%
5. On-line re-use	12%
6. WEEE re-use	10%
7. Paint re-use	9%
8. HWRC re-use shops	17%

In order of preference, choose three of the following to help increase kerbside recycling and composting in Warwickshire

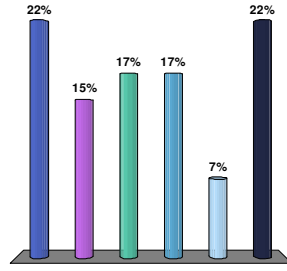
1. Promotion of environmental and economic benefits
2. More information about services – how, when, what
3. More/bigger recycling containers
4. Strict policies /enforcement on what can go into the residual waste bin
5. More materials collected at the kerbside
6. Smaller replacement residual waste bins
7. Less frequent collections of residual waste



Measure	Percentage
1. Promotion of environmental and economic benefits	25%
2. More information about services – how, when, what	18%
3. More/bigger recycling containers	5%
4. Strict policies /enforcement on what can go into the residual waste bin	11%
5. More materials collected at the kerbside	15%
6. Smaller replacement residual waste bins	19%
7. Less frequent collections of residual waste	14%

In order of preference, choose three of the following to help increase recycling and composting and reduce running costs of HWRCs in Warwickshire

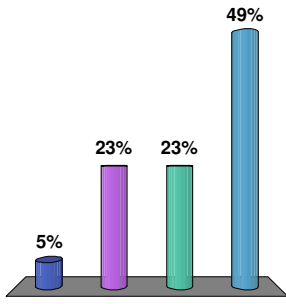
1. Promotion of environmental and economic benefits
2. More information about services – how, when, what
3. Strict policies/ enforcement on what can go into the residual waste – open bag policy
4. More materials collected
5. Charging for non-household waste (DIY waste etc)
6. Replace Van permits with voucher scheme for managing 'van ban' policy



Measure	Percentage
1. Promotion of environmental and economic benefits	22%
2. More information about services – how, when, what	15%
3. Strict policies/ enforcement on what can go into the residual waste – open bag policy	17%
4. More materials collected	17%
5. Charging for non-household waste (DIY waste etc)	7%
6. Replace Van permits with voucher scheme for managing 'van ban' policy	22%

By the end of the strategy period (2020) Warwickshire's municipal waste per person (currently 504kg) should be ...

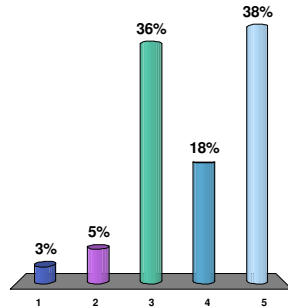
1. 480kg
2. 437kg
3. 372kg
4. 307kg



Target (kg)	Percentage
1. 480kg	5%
2. 437kg	23%
3. 372kg	23%
4. 307kg	49%

**By the end of the strategy period (2020)
Warwickshire's recycling target should be ...**

- 1. 50% (current level - in line with EU target)
- 2. 55% - 59%
- 3. 60%-64%
- 4. 65%-69%
- 5. 70%



Results of public consultation on waste strategy

Reduce

In order to concentrate efforts, the Partnership has suggested the following three schemes to be the focus for promoting waste education in Warwickshire:

- i. Love Food Hate Waste
- ii. Home Composting and Master Gardeners
- iii. Smart Shopping

Do you support the proposed way forward?

- Yes – 79.3%
- No -7.7%
- Don't know – 13%

Re-use

In order to concentrate efforts the Partnership has suggested the following three schemes should be the focus for promoting re-use in Warwickshire:

- i. Bulky waste collections – furniture collected for a charge by your district or borough council
- ii. Furniture re-use schemes – carried out by charities or not for profit organisations
- iii. HWRC re-use shops – currently operating at 7 HWRCs in Warwickshire.

Do you support the proposed way forward?

- Yes – 82.7%
- No – 7.7%
- Don't know – 9.6%

Kerbside Recycling and Composting

The partnership has suggested the following three schemes to be the focus for increasing kerbside recycling and composting in Warwickshire.

- i. Promotion of the environmental and economic benefits of kerbside recycling and composting
- ii. More information about kerbside recycling and composting services – how, when, what
- iii. Introduction of smaller replacement wheelie bins for residual waste - gradually replace 240 litre bins with 180 litre bins (the size currently in use within Warwick District)

Do support the proposed way forward?

- Yes – 69.8%

- No – 17.2%
- Don't know – 13%

Recycling and Composting at the Household Waste Recycling Centres (HWRCs)

In order to concentrate efforts the Partnership has proposed the following four areas should be the focus for improving HWRC recycling and composting in Warwickshire, while ensuring reduced running costs:

- Promotion of environmental and economic benefits of HWRC recycling and composting
- Replace van permits with voucher scheme for managing van usage
- Strict policies/enforcement on what can go in the household waste – open bag policy
- More recycling streams collected

Do support the proposed way forward?

- Yes – 62.9%
- No – 13.8%
- Don't know – 23.3%

Waste Reduction Target

In order to drive waste reduction in Warwickshire the Warwickshire Waste Partnership has suggested we aim to:

- Reduce household waste to 320 kg per person by the end of the strategy period (2020)

Do support the proposed way forward?

- Yes – 80%
- No – 7%
- Don't know – 13%

Recycling and Composting Target

The overall recycling rate in Warwickshire in 2011/12 was 48.6%. In order to drive waste recycling and composting in Warwickshire the Partnership has proposed aiming for a target of:

- By the end of the Strategy period (2020) Warwickshire's recycling targets should be 70%
- Yes – 71.6%
- No – 16.4%
- Don't know – 12%

Warwickshire Waste Partnership 25 June 2013

Waste Data Overview for Q4 2012/13

Recommendation

The Waste Partnership is asked to note the provisional data for the 4th quarter, January to March 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.
- 2.3 All data is for Local Authority Collected/Municipal Waste with the exception of section 5 District Performance, which shows Household waste.

Provisional Waste Management Data Quarter 4 2012/13

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)

Note: these figures are for Local Authority Collected/Municipal waste (not household figures)

	January	February	March	Q4 Total	Q3 Total
Total Tonnes	20,573	17,942	18,998	57,513	61,802
Landfilled	6,207	6,854	7,351	20,412	18,105
Inert - Landfilled	0	0	0	0	0
Energy from Waste	5,677	2,562	2,595	10,834	12,765
Other Technology*	0	0	0	0	0
In-vessel Composting*	1,650	1,836	2,073	5,559	10,077
Windrow Composting*	511	626	904	2,041	3,130
Other Composting*	0	0	0	0	0
Recycling (HWRC)	1,757	1,586	1,475	4,818	4,314
Recycling (WCA)	4,476	4,082	4,140	12,698	12,305
Reuse	295	396	460	1,151	1,106

*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

Note: these figures are for Local Authority Collected/Municipal waste (not household figures)

	January	February	March	Q4 Total	Q3 Total
% Recycling	30.3%	31.6%	29.6%	30.5%	26.9%
% Composting	10.5%	13.7%	15.7%	13.2%	21.4%
% Reuse	1.4%	2.2%	2.4%	2.0%	1.8%
Total	42.2%	47.5%	47.7%	45.7%	50.1%
% Landfill	30.2%	38.2%	38.7%	35.5%	29.3%
% Energy from Waste and RDF	27.6%	14.3%	13.7%	18.8%	20.6%
Total	57.8%	52.5%	52.4%	54.3%	49.9%

*

3. Estimated Provisional Performance

Note: these figures are for Local Authority Collected/Municipal waste (not household figures)

	Q4 2011/2012	Q4 2012/2013	Change
Recycling/Reuse Rate	17,093 tonnes	18,667 tonnes	☺ 1574 tonnes up
	28.2%	32.5%	☺ 4.3% up
Composting Rate	8,487 tonnes	7,600 tonnes	X 887 tonnes down
	14.0%	13.2%	X 0.8% down
Recycling, Composting and Reuse Rate	25,580 tonnes	26,267 tonnes	☺ 687 tonnes up
	42.2%	45.7%	☺ 3.5% up
Landfill Rate	26,244 tonnes	20,412 tonnes	☺ 5,832 tonnes down
	43.3%	35.5%	☺ 7.8% down
Energy from Waste	8,721 tonnes	10,834 tonnes	☺ 2,113 tonnes up
	14.5%	18.8%	☺ 4.3% up
Total Municipal Waste	60,545 tonnes	57,513 tonnes	☺ 3,032 tonnes down
			☺ 5% down

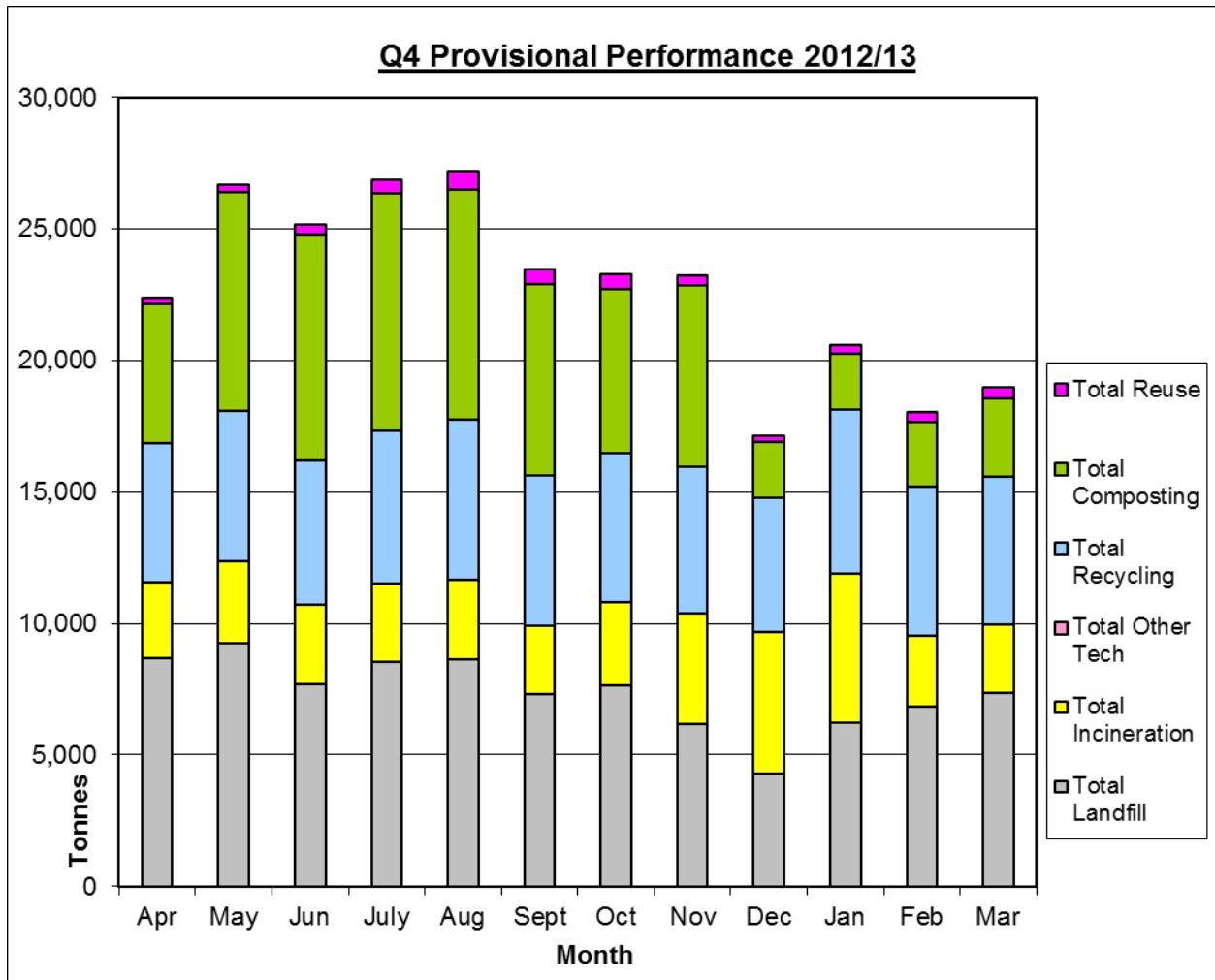
4. Comparison of Yearly figures 2010/11 to 2011/12

Note: these figures are for Local Authority Collected/Municipal waste (not household figures)

	2011/12 Year	2012/13 Year	Change
Recycling/Reuse Rate	67,108 tonnes	77,814 tonnes	☺ 10,706 tonnes up
	24.6%	28.4%	☺ 3.8% up
Composting Rate	59,699 tonnes	67,928 tonnes	☺ 8,229 tonnes up
	21.9%	24.8%	☺ 2.9% up
Recycling, Composting and Reuse Rate	126,807 tonnes	145,742 tonnes	☺ 18,935 tonnes up
	46.5%	53.2%	☺ 6.7% up
Landfill Rate	101,896 tonnes	87,397 tonnes	☺ 14,499 tonnes down
	37.4%	31.8%	☺ 5.6% down

Energy from Waste	43,979 tonnes	41,194 tonnes	<i>X 2,785 tonnes down</i>
	16.1%	15.0%	<i>X 1.1% down</i>
Total Municipal Waste	272,682 tonnes	274,333 tonnes	<i>X 1,651 tonnes up</i>
			<i>X 0.6% up</i>

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 2012/13 Year End

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	
	Year 2011/12	Year 2012/13	Year 2011/12	Year 2012/13	Year 2011/12	Year 2012/13	Year 2011/12	Year 2012/13	Year 2011/12	Year 2012/13
Recycling Rate	3,569 tonnes	3,717 tonnes	9,156 tonnes	10,756 tonnes	10,180 tonnes	10,121 tonnes	14,040 tonnes	14,391 tonnes	10,950 tonnes	12,767 tonnes
	14%	14%	19%	23%	25%	24%	27%	28%	23%	26%
Composting Rate	4,841 tonnes	5,385 tonnes	8,017 tonnes	10,226 tonnes	9,494 tonnes	10,609 tonnes	15,377 tonnes	17,302 tonnes	13,376 tonnes	14,757 tonnes
	19%	20%	17%	22%	23%	25%	30%	33%	28%	30%
Recycling, Composting and Reuse Rate	8,410 tonnes	9,102 tonnes	17,174 tonnes	20,982 tonnes	19,677 tonnes	20,730 tonnes	29,417 tonnes	31,693 tonnes	24,326 tonnes	27,524 tonnes
	33%	34%	36%	55%	48%	49%	57%	61%	51%	56%
Residual	17,344 tonnes	18,405 tonnes	30,496 tonnes	26,328 tonnes	21,215 tonnes	21,187 tonnes	21,960 tonnes	21,245 tonnes	24,066 tonnes	21,148 tonnes
	67%	66%	64%	45%	52%	51%	43%	39%	49%	44%
Total	25,754 tonnes	27,507 tonnes	47,670 tonnes	47,310 tonnes	40,892 tonnes	41,917 tonnes	51,378 tonnes	51,938 tonnes	48,392 tonnes	48,672 tonnes

Warwickshire Waste Partnership 25th June 2013

Waste Composition Analysis

Recommendation

The Waste Partnership is asked to note the overview of the recent waste composition analysis.

1.0 Background

- 1.1 Warwickshire County Council commissioned a waste composition analysis to take place during two seasonal three week periods in October/November 2012 and February/March 2013 on behalf of the Partnership.
- 1.2 The surveys focused on the weight and composition of kerbside residual waste and kerbside organic recycling containers, as well as HWRC residual waste disposed of at Warwickshire's four largest sites (Grendon HWRC in North Warwickshire, Hunters Lane HWRC in Rugby, Princes Drive HWRC in Leamington and Burton Farm HWRC in Stratford).
- 1.3 The data was split into primary categories and sub categories these are shown in Appendix 1.
- 1.3 A key aim of the waste composition analysis was to assist with the update of the waste strategy and provide information which could be used by the Partnership when planning future services and campaigns etc.

2.0 Residual Kerbside Analysis

- 2.1 The same households were surveyed in each of the two surveys. Results from each survey could therefore be weighted to give the annual picture of the residual waste being collected within individual WCAs as well as combined figures for the County.
- 2.2 The two largest proportions of the bin are putrescibles at 40.24% (organic matter capable of being decomposed) and miscellaneous combustibles at 12%. Food waste was seen to be the major component of putrescibles forming 38.8%, this included home compostable food waste (18.21%) and non-home compostable food waste (17.14%). The main element of the miscellaneous combustible category was disposable nappies at 7.3%. The key findings are shown in Appendix 2.
- 2.3 Across Warwickshire it is expected that 47.1% of all residual waste being disposed of at the kerbside is recyclable (utilising existing kerbside collection

systems). Out of the material that could be recycled 62.1% was food waste, 10.9% was paper, 7% was plastic and 6% was card & cardboard.

3.0 Organic Kerbside Analysis

- 3.1 The same households were surveyed in each of the two surveys. Results from each survey could therefore be weighted to give the annual picture of the waste being collected within individual WCAs as well as combined figures for the County.
- 3.2 The organic kerbside bin was made up of 91.09% garden waste, 7.45 putrescible materials and 1.45% other materials. The information is provided in Appendix 3. The breakdown of the other materials is provided below:

Material	%
Misc Combustibles	0.72%
Paper	0.35%
Misc Non Combustibles	0.17%
Card	0.05%
Plastic Film	0.05%
Dense Plastic	0.05%
Textiles	0.03%
Glass	0.01%
Ferrous Metal	0.01%
Hazardous Household Waste	0.01%

- 3.3 The data obtained during the composition showed that 15% of **all** food waste and 98% of **all** garden waste was correctly captured by household where these collections were available.

4.0 HWRC Analysis

- 4.1 Over the two surveys residual waste was sampled at both weekends and during the week; this was done to give a good overall impression of the residual waste collected at each HWRC.
- 4.2 Black sacks that were thought to be for the disposal of general household waste were removed from the overall pile. The total amount of this bagged material was weighed and the contents sorted separately. The waste was then combined to give an overall composition of residual waste being disposed of at the HWRCs.
- 4.3 Results from the survey showed that a large proportion of residual waste being disposed of at the HWRCs is bagged household waste. This material formed 12.6% of waste collected across the sites at weekends; it was far more prevalent during weekdays where it made up 21.3% of general waste across the sites surveyed. Taking an average of both figures bagged household waste contributes 17% towards the total amount of general waste collected.

- 4.4 Compositionally black sacks were seen to be different to that of the rest of the residual waste, around 23.5% of black bag contents consisted of food and garden waste, with 20% being paper and card and garden waste and 11% being textiles. Waste plastics contributed over 14% of this bagged residual waste.
- 4.5 The main materials making up HWRC residual waste are miscellaneous combustibles such as furniture, mattresses, carpet and wood waste (48%), paper & card (13%), miscellaneous non-combustibles such as DIY, rubble and plasterboard (10%), dense plastics (8%), textiles (7.5%) and food & garden waste (6%). The key findings are shown in Appendix 4.
- 4.6 On average 58% of weekday and 53% of weekend residual waste is potentially recyclable (utilising current HWRC recycling services) – an average of 55.5%.
- 4.7 It was generally the case that there was a higher level of material compatible with kerbside recycling disposed of during weekdays whilst more items compatible with HWRC recycling were brought at weekends.

5.0 Next steps

- 5.1 It is proposed that future communication campaigns target the recyclable material that is currently being disposed of in the residual waste both at the kerbside and the HWRCs.

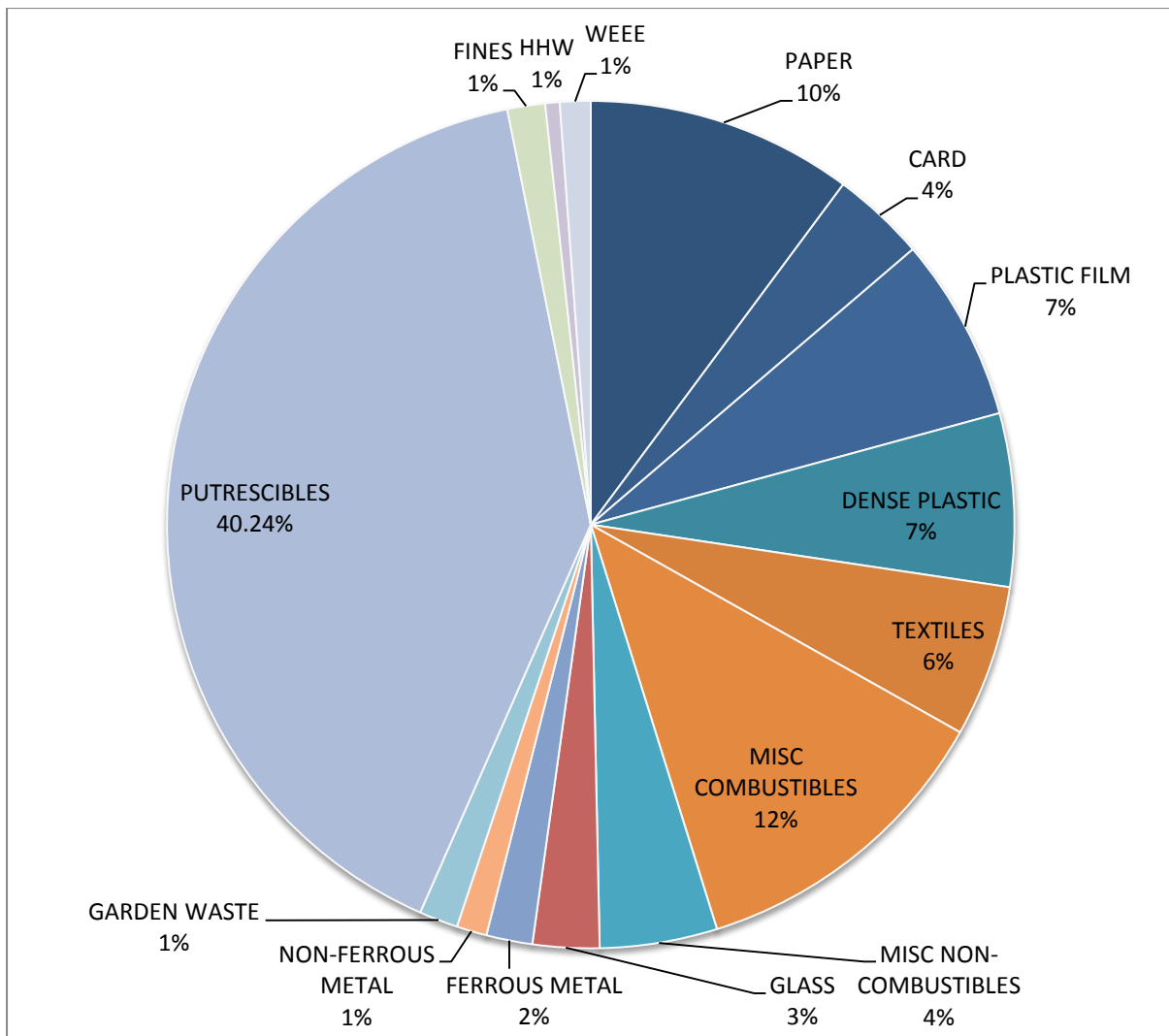
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Appendix 1 Waste Composition Categories

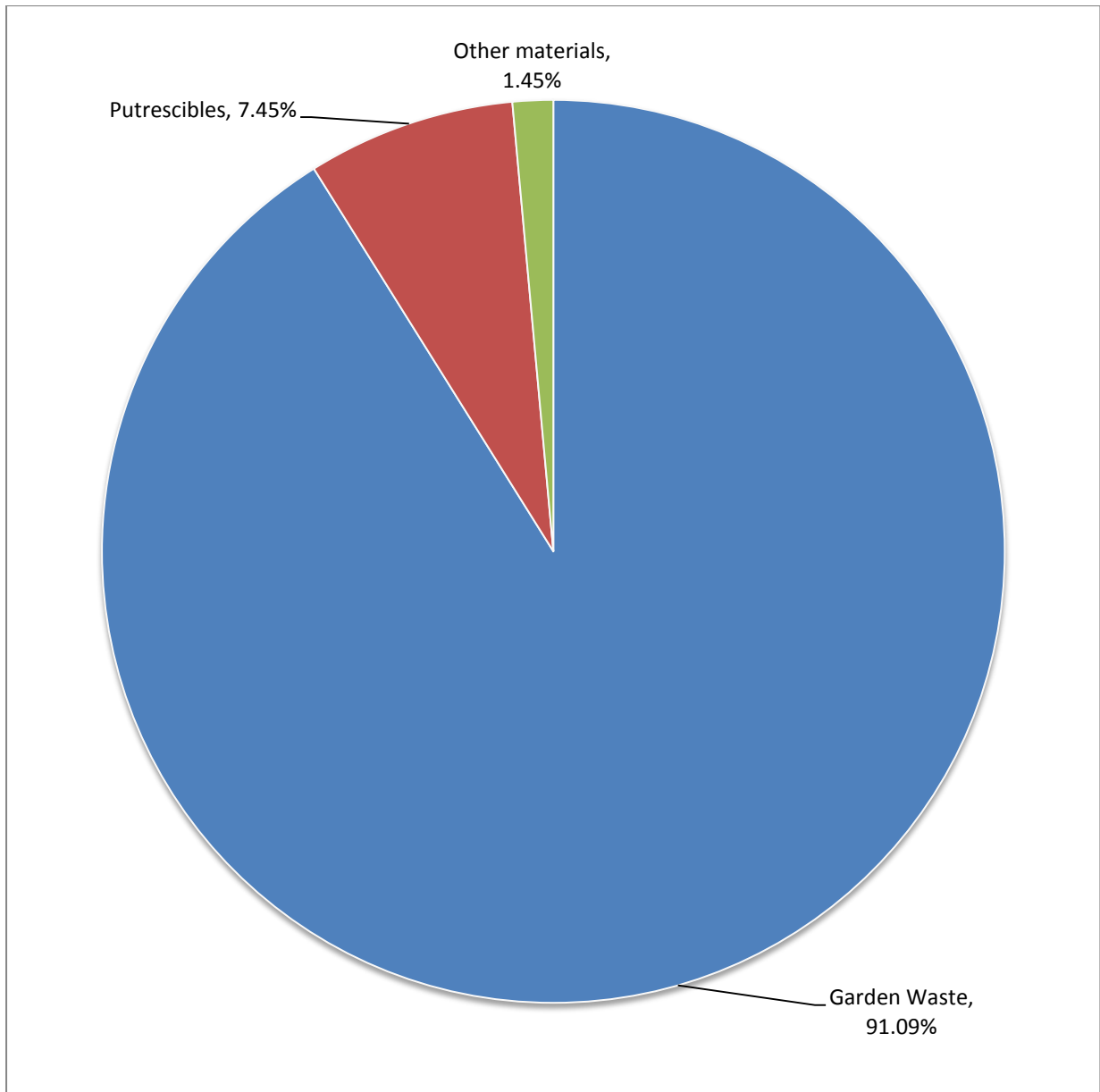
Primary categories	Sub-categories
PAPER	Newspaper & magazines
	Catalogues & Directories
	Other recyclable paper
	Paper tissue
	Shredded paper
	Other non-recyclable paper
CARD	Tetrapak cartons
	Corrugated Cardboard
	Thin high-grade packaging card
	Thin high-grade non-packaging card
	Thin low-grade brown card
	Non-recyclable card & books
PLASTIC FILM	Packaging film
	Carrier Bags
	Refuse Sacks
	All other film
DENSE PLASTIC	Plastic Bottles Types 1,2,3,5,
	Plastic Bottles Types 4,6,7
	Other Bottles
	EPS
	Packaging Containers Types 1,2,3,5,
	Packaging Containers Types 4,6,7
	Other dense plastic
TEXTILES	Reusable clothing
	Pairs of shoes
	Accessories
	Carpet & underlay
	Clean bed linen, curtains, blankets & towels
	All other textiles & odd shoes
MISC COMBUSTIBLES	Composite & laminates INC TREATED WOOD
	DIY based materials
	Untreated Wood
	Disposable nappies
	All other
MISC NON-COMBUSTIBLES	Plasterboard
	DIY rubble & ceramics
	All other inc Pet Litter non-organic
GLASS	Green packaging
	Brown packaging
	Clear bottles
	Clear jars
	Other glass
FERROUS METAL	Drinks cans
	Food cans & tins
	Aerosols

	Other ferrous packaging inc jar lids
	Other ferrous
NON-FERROUS METAL	Drinks cans
	Food cans & tins
	Aerosols
	Aluminium foil & trays
	Other non-ferrous
GARDEN WASTE	Flora organics
	Soil & turf
PUTRESCIBLES	Home compostable food waste
	Cooked Meat & Fish Waste
	Uncooked Meat & Fish Waste
	Other non-home compostable food waste
	Unsortable Composite Food waste
	Herbivorous Pet Straw & Sawdust Bedding
	Consumable Liquids
Fats & Oils	
FINES	Particles passing a 10mm screen
HHW	Household Batteries
	Engine Oil
	Other Separately listed
WEEE	Separately listed

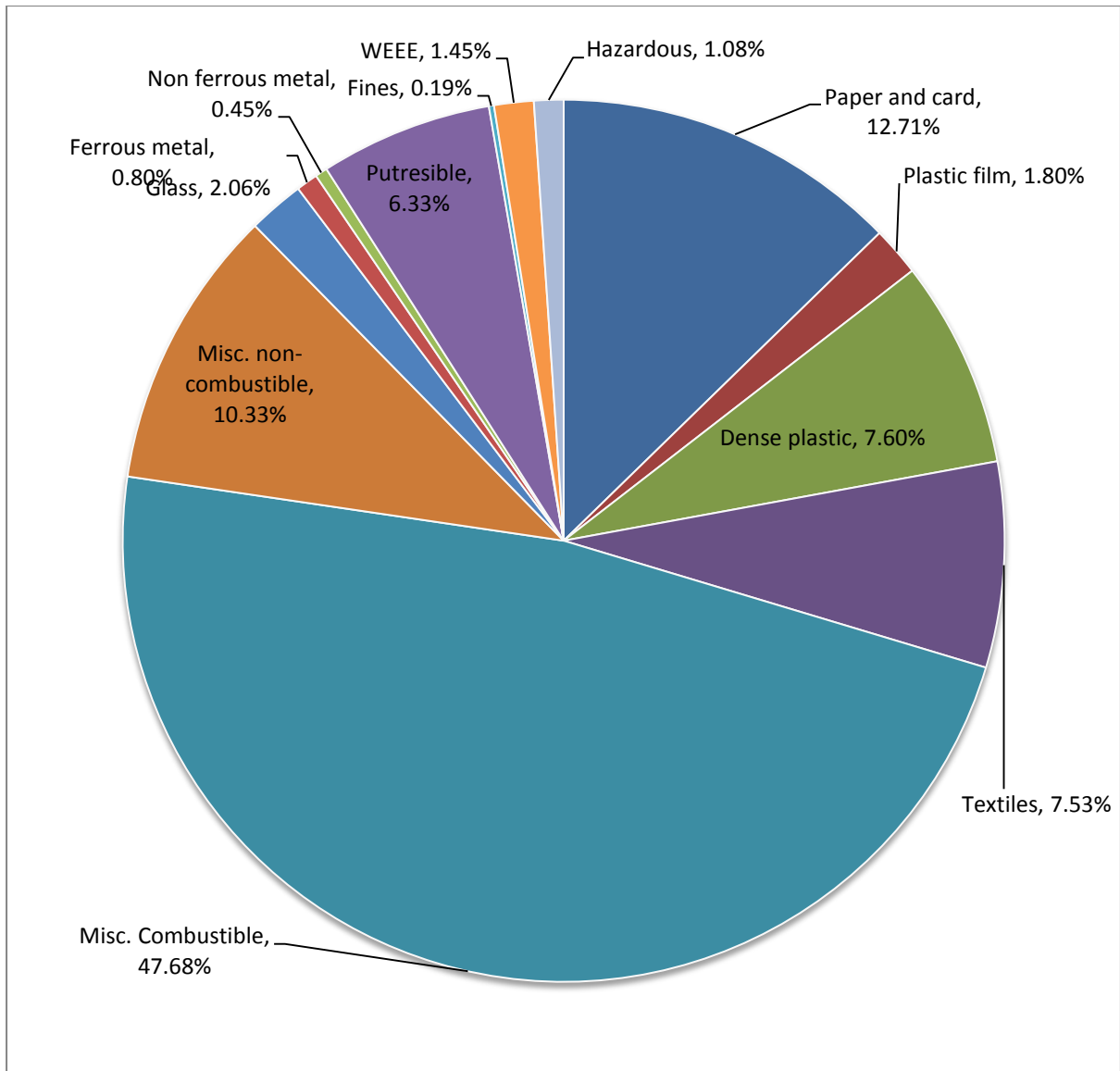
Appendix 2 - Residual Kerbside Composition



Appendix 3 - Organic Kerbside Composition



Appendix 4 - HWRC residual waste composition



Warwickshire Waste Partnership 25th June 2013

Waste Partners Report

Recommendation

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 The Tenders for the new Kerbside Recycling Service have been returned and a full financial evaluation of the bids has taken place. Following this process it became clear that the bids were well outside the expected range and well in excess of what the Council could reasonably accommodate.
- 2.2 The procurement process has therefore been halted and Officers are investigating alternative options to ensure the continuation of the services in October including absorbing some elements of the kerbside recycling service into the existing in-house refuse collection operations.

3.0 Nuneaton & Bedworth Borough Council

- 3.1 The extension of the green and food waste collections across December, January and February resulted in the collection of almost 900 tonnes of compostable waste.
- 3.2 Early July will see the launch of a new bin app allowing residents instant access to bin collection information and alerts (i.e. service suspensions / delays).
- 3.3 As the alternate weekly collection service has been in place for over 18 months and with the introduction of food waste collections a review of all rounds is being undertaken to identify if any amendments or improvements can be made.

4.0 Rugby Borough Council

- 4.1 A review of recycling bring sites is currently being carried out by the Overview & Scrutiny Task Group. Usage of bring sites has been in decline since the introduction of the 3 bin service in 2009. A consultation exercise with residents of the borough will form part of this review.

5.0 Warwick District Council

- 5.1 The new contracts have started within Warwick District Council. This April saw English Landscapes take over the grounds maintenance contract, whilst SITA and Veolia have the refuse/recycling and street cleansing contracts respectively.
- 5.2 The start of the financial year saw the introduction of the new mixed plastic collection scheme for the district together with an increase in the number of recycling materials accepted at the districts bring bank sites. Schools and flats also now have the ability to recycle more materials with the introduction of co-mingled collections from these sites. Before the end of the summer a further 500 properties will be moved from a weekly sack to the districts alternate week wheeled bin collection. SITA have employed a Waste Minimisation Officer to work alongside the Council to further increase recycling pursue possible funding routes.

6.0 Stratford District Council

- 6.1 The Council's refuse and street cleansing contract with Biffa has been extended for seven years. The ground management contract has been awarded to the Landscape Group for five years with an option to extend for a further five years.
- 6.2 On 1 April 2013 the Authority started collecting small items of WEEE, textiles and household batteries from the kerbside. To date 0.8 of a tonne of textiles has been collected plus enough small electrical and electronic items to fill sixty standard wheeled bins and enough household batteries to fill two and a third standard 240 wheeled bins. Extensive promotion of the addition service is taking place which included new vehicle livery.
- 6.2 The recycling of street sweepings in 2012/13 added 0.3% to the recycling rate. This would rise significantly if EA approval is received for elements of the treated material to be used for spreading to restoration, thereby being classed as recycled.
- 6.4 Promotion will be taking place in Recycle Week (W/C 17th June).
- 6.5 We will be supporting Transition Stratford with their plastics challenge at the River Festival

7.0 Warwickshire County Council

- 7.1 Work is taking place on the following tenders:

- (1) HWRC Recyclables – Imminent tenders with e-auction option for textiles/shoes, paper, card and cardboard and soft plastics in conjunction with Improvement and Efficiency West Midlands (IEWM).
- (2) Residual Waste – continuing to look at the best solution for long term waste disposal
- (3) Plasterboard - Quotation pack is being developed
- (4) Asbestos – Tender pack is being developed
- (5) Inert Waste – Tender pack being finalised

7.2 The Lower House Farm site opened to the public on 13th June, with an official opening on 5th June.

7.3 Work is progressing on the development of the new waste data management system ReStat.

7.4 A public survey took place on the HWRC service - Results provided in Appendix 1.

7.5 The weighbridge office at Princes Drive is being replaced. New weighbridge software has been designed and is awaiting its trial at Princes Drive once the work has been completed.

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Warwickshire Household Waste Recycling Centre Customer Satisfaction Survey
On-site results from Spring 2013

How often do you visit a Household Waste Recycling Centre? Choose one option

Answer Options	Response Percent
Once a week	15.5%
Twice a month	7.4%
Once a month	29.7%
Once every few months	33.6%
Once a year	3.5%
Less than once a year	0.6%
Visited once	1.0%

How satisfied are you with the facilities available at the Household Waste Recycling Centre?

Answer Options	Percentage of Excellent / Good
Site opening times	82.7%
Traffic queue times	83.6%
Signage and information on site	91.3%
Tidiness and cleanliness of site	93.3%
User-friendliness of site	92.4%
Staff approachability and helpfulness	94.4%
Overall rating of service and facilities	92.9%

What was the main purpose of your last visit? Please choose up to 3 options

Answer Options	Response Percent
To deposit at the reuse shop	7.3%
To browse and buy from the reuse shop	5.5%
To deposit recyclable household waste	73.6%
To deposit non-recyclable household waste	57.2%
To deposit construction and demolition waste	3.8%
To deposit chemical waste	0.7%
To deposit trade waste	0.5%

Were you offered assistance at the Household Waste Recycling Centre? Please choose one option

Answer Options	Response Percent
Yes	72.0%
Yes, but didn't want any help	8.2%
No and did want help	17.9%
No and didn't want any help	0.53%

Have you ever used the late night opening until 6.30pm on Wednesday between April and September? Please choose one option

Answer Options	Response Percent
Yes	18.7%
No, but knew about it	14.7%
No and didn't know about it	61.4%