
**Waste Composition Study for Leicestershire
County and District Councils
Report Part 1 of 4 - Autumn 2009**



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Executive summary

In August 2009 Leicestershire County Council commissioned WastesWork Ltd to carry out a series of waste analyses across each of the four seasons. Waste streams to be analysed included kerbside collected waste, recycling and composting and the residual waste delivered by householders to seven of the County Council's Recycling and Household Waste Sites (civic amenity sites). This project follows the same methodology as the survey that was carried out in 2007/2008. The results of the 2009/10 and 2007/08 surveys will therefore be compared to identify any waste composition changes.

The first phase of the fieldwork was carried out in October 2009 to represent the Autumn season. For each of the Recycling and Household Waste Sites (RHWSs) a sample was collected on a week day and a weekend day. In total 14 samples were collected, hand sorted and reported separately.

For the kerbside collected waste, recycling and compost five sample areas were selected across the County. In order to cover alternate weekly collections this part of the fieldwork was carried out over a two week period.

This report presents the results from the Autumn season fieldwork for the kerbside collected samples.

The WastesWork team would like to thank all staff at the sort site and council officers for all the help that enabled this project to run smoothly and efficiently.

Project team

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Key Points (KP)

- KP.1 On average households in Leicestershire were throwing away 8.5kg of residual waste each per week. In the Autumn 2007 sort the figure was 7.3kg.
- KP.2 Average figures for kerbside recycling schemes were 1.2kg per household per week of garden waste; 2.5kg/hh/week of paper and card; 1.9kg/hh/week plastic, cans and glass. These figures were all higher than those seen in Autumn 2007.
- KP.3 The year average for total material collected at the kerbside (waste in wheeled bins, compost and recycling) is approximately 16kg¹ per household. The combined figure for the average Leicestershire household was 14kg.
- KP.4 The highest residual waste figure was recorded for the ACORN 3H households sampled; these are described as secure families. The lowest weight was recorded for the ACORN 1 households sampled; these are described as wealthy executives. The ACORN 3H households had a weekly collection for residual waste whilst the ACORN 1 households had a fortnightly collection for residual waste.
- KP.5 42% of the residual waste was food waste this is equivalent to 3.6kg per household per week.
- KP.6 On average 1.4kg of each householder's residual waste was potentially recyclable under the current kerbside schemes.
- KP.7 For the recycling schemes the overall capture rate was 69%. The highest figure was recorded for the ACORN 3I households at 77% and the lowest figure for the ACORN 3H households at 56%.
- KP.8 The overall diversion rate was 39%. The highest diversion rate was recorded for the ACORN 1 households at 56% and the lowest for the ACORN 5 households at 18%.
- KP.9 Biodegradable waste made up 71% of all material collected at the kerbside and 70% for the residual waste only. 36% of biodegradables were being captured by the current recycling schemes.

¹ Average figures from waste analyses carried out on behalf of WRAP in Scotland and Wales 2009

Chapter 1 Introduction

1.1 Background

The purpose of this waste analysis project, is to provide up to date data to Leicestershire County Council and its seven partner District and Borough Councils (Hinckley & Bosworth BC; North West Leicestershire DC; Charnwood BC; Harborough DC; Melton BC; Oadby & Wigston BC; and Blaby DC).

The waste analysis data will be used in support of waste management activities throughout Leicestershire. The results will provide a better understanding of the composition of each waste stream. This will show the composition of the residual waste and which recyclable materials have high recognition and capture rates, which recyclables are being over looked and are remaining in the residual waste and the types and quantities of material that are contaminating the various recycling schemes.

The County already holds data from 2007/2008 but wishes to up date this data to ensure an accurate model of waste composition in Leicestershire is available.

1.2 Containers and materials collected

The table bellows outlines the different waste and recycling collection services offered to households in Leicestershire. Hinckley and Bosworth and Harborough were not covered by the sampling.

Kerbside collection systems:

Local Authority	Residual waste	Dry recycling	Garden waste
Melton	AWC with garden	Weekly	AWC with residual
NWL	AWC with garden /recycling	AWC with residual	AWC with residual
Blaby	Weekly	AWC with garden	AWC with recycling
Charnwood	AWC with recycling	AWC with residual	Chargeable fortnightly
Oadby & Wigston	Weekly	Weekly	Weekly
Hinckley & Bosworth	Not included in the kerbside collected waste analysis		

Harborough	Not included in the kerbside collected waste analysis
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1.3 Use of ACORN

It is commonly accepted that the types and quantities of waste that households produce are directly related to socio economic factors and specifically spending power. Similarly, whether there are children within a household and the age of the children will also have a direct effect on quantities and types of waste and perhaps even levels of recycling and participation in kerbside schemes.

ACORN² is a socio economic profiling tool which characterises households by their spending power and size of family. ACORN stands for **A** **C**lassification **O**f **R**esidential **N**eighbourhoods. The system has five primary categories numbered 1 to 5 with ACORN 1 being the most affluent households and ACORN 5 the least affluent.

Below are descriptions of the ACORN Categories.

ACORN 1	Wealthy Achievers	1.A	Wealthy Executives
		1.B	Affluent Greys
		1.C	Flourishing Families
ACORN 2	Urban Prosperity	2.D	Prosperous Professionals
		2.E	Educated Urbanites
		2.F	Aspiring Singles
ACORN 3	Comfortably off	3.G	Starting Out
		3.H	Secure Families
		3.I	Settled Suburbia
		3.J	Prudent Pensioners
ACORN 4	Modest Means	4.K	Asian Communities
		4.L	Post-Industrial Families
		4.M	Blue-Collar Roots
ACORN 5	Hard Pressed	5.N	Struggling Families
		5.O	Burdened Singles
		5.P	High-Rise Hardship
		5.Q	Inner City Adversity

ACORN 1 'Affluent Achievers'

ACORN 1 households make up 23% of UK households and 28.0%³ of Leicestershire households. These householders are the most affluent. They are

² System devised by Data Depot - CACI London

³ All ACORN statistical data is supplied by Data Depot - CACI London

described as: Wealthy Executives; Flourishing Families and Affluent Greys (mature couples).

Generally, the waste from ACORN 1 householders is rich in newspapers and magazines; they often have two newspapers daily and they may work from home producing a great deal more recyclable paper. They also dispose of large quantities of non-recyclable paper e.g. kitchen roll that potentially could be composted - either in a home composting scheme or a kerbside collection scheme for garden and/or food waste. They eat large amounts of fresh fruit and vegetables and so often have a great deal of kitchen compostable waste e.g. vegetable peelings, they have large gardens and often do not home compost, sometimes the gardener takes it away. Making use of cling film and the freezer they waste very little food. The majority of their glass containers are green and mainly wine bottles. They buy very little packaged food e.g. bottled and canned food. Compared to other ACORN Categories they have very few drink bottles opting for fruit juice in cartons rather than squash or fizzy drinks. Their waste is rich in recyclable material, but they are often not the best recyclers.

Waste awareness campaigns carried out over the last two years have shown that the top end of these households are becoming increasingly disassociated from their waste as they make more use of cleaners, cooks and butlers.

ACORN 2 'Urban Prosperity'

ACORN 2 households make up 12.2% of the UK households and 4.7% of Leicestershire households. This category is divided into three broad 'Groups': Prosperous Professionals; Educated Urbanites and Aspiring Singles.

These households are best summed up as town dwellers, often broadsheet newspaper readers, couples or singles; they can be extremely affluent or poor and idealistic. Prosperous Professional and Aspiring Singles are unsettled households and they often have the least space in their homes for storing recycling, if they even remember what the system is.

ACORN 2 households often do not dispose of great weights of waste. They eat out a lot or don't eat well at all. Waste can be typified by instant meal for one packaging and other convenience packaged foods. If they have gardens they are small and low maintenance with decking and pebbles rather than grass and plants.

ACORN 3 'Comfortably Off'

There are two distinct ends for this ACORN Category. Firstly, the retired couples. These households usually produce the least amount of waste and they are very good at recycling. They have good participation rates in schemes and will put as much as they can into the scheme. You will lose some recyclables to their re-use schemes i.e. they wrap their vegetable peelings in newspaper, take the magazines to the doctor's surgery and use plastic bottles to cover seedlings.

The other end of the ACORN 3 Category involves children, and households with children produce a lot of waste. Crisp packets, fizzy drink bottles discarded toys and clothes – these parents are comfortably off and are happy to please their children. They can be disinterested recyclers. They are comfortable so they are open to other issues, but they have worked hard to get where they are and often feel it is not their job to separate materials for recycling.

27.2% of UK households are classified as ACORN 3. Within Leicestershire 37.6% of households are classified as ACORN 3. The 37.6% of ACORN 3 households can be split into 4.0% of which are described as 'Starting Out'; 23.5% described as 'Secure Families'; 8.3% described as 'Settled Suburbia' and 1.9% described as 'Prudent Pensioners'.

ACORN 4 'Moderate Means'

The UK average for ACORN 4 households is 14.1%, within Leicestershire 11.5% of households are classified as ACORN 4. This category is made up of either mature singles and couples, or large families. The mature singles and couples dispose of very small weights of waste, families dispose of a great deal more. A lot of the waste produced by these households is not so easily recycled. Participation in kerbside recycling schemes is similar to the ACORN 2 households but with fewer newspapers, magazines and even less garden waste. It is difficult to persuade these households to recycle. Green issues are often afforded a low priority in their lives; as such, schemes to improve recycling have to be aimed at something more real to them in order to provide a more tangible incentive i.e. linked to neighbourhood improvements, particularly for children. The majority of the Leicestershire ACORN 4 households are described as 'Blue Collar Roots'.

ACORN 5 'Hard Pressed'

These are the least affluent households and often the worst recyclers, although they also have the least amount of waste that could be described as potentially recyclable. The opposite of an ACORN 1, these households dispose of a lot of clear glass, food and drink cans and PET⁴ fizzy drink bottles. They buy less expensive food products, often with shortened shelf lives or buy one get one free, which results in large quantities of kitchen waste, both cooked and prepared, and raw fruit and vegetables.

The UK average for ACORN 5 households is 23.3% for Leicestershire the figure is 17.5% of households⁵. 11.9% of Leicestershire households are described as 'Struggling Families'.

⁴ Polyethylene Terephthalate

⁵ All ACORN statistical data is supplied by Data Depot - CACI London

1.4 Sampling

This project is a repeat of the work that was carried out in 2007 – 2008. The streets included in the sampling were selected to reflect the socio-economics of the County. See the table below for the Leicestershire profile. ACORN Groups highlighted in yellow were represented in the sampling.

Table 1.1: ACORN profile for Leicestershire based on 2001 Census data

ACORN Category Profile		HH Profile	Data as % for Leicestershire	Data as % for UK
1	Wealthy Achievers	106,962	28.0	23.3
2	Urban Prosperity	18,032	4.7	13.3
3	Comfortably Off	143,795	37.6	28.1
4	Moderate Means	43,966	11.5	13.2
5	Hard-Pressed	66,865	17.5	21.7

ACORN Group Profile				
1A	Wealthy Executives	41,228	10.8	7.6
1B	Affluent Greys	25,103	6.6	8.2
1C	Flourishing Families	40,631	10.6	7.5
2D	Prosperous Professionals	2,759	0.7	2.2
2E	Educated Urbanites	6,775	1.8	7.1
2F	Aspiring Singles	8,498	2.2	4.0
3G	Starting Out	15,118	4.0	3.7
3H	Secure Families	89,597	23.5	14.4
3I	Settled Suburbia	31,670	8.3	6.7
3J	Prudent Pensioners	7,410	1.9	3.4
4K	Asian Communities	14,903	3.9	1.1
4L	Post-Industrial Families	3,171	0.8	4.2
4M	Blue-Collar Roots	25,892	6.8	7.8
5N	Struggling Families	45,391	11.9	12.3
5O	Burdened Singles	12,256	3.2	4.9
5P	High-Rise Hardship	6,742	1.8	2.4
5Q	Inner City Adversity	2,476	0.6	2.2

The data in this table is used to calculate the average waste figures for the County. (See section 2.5)

Samples of residual waste, recycling and compost were collected from ten streets. Approximately 40 households were included in the sample for each area.

1.5 Sample collection

One team of 3 analysts collected the samples of residual waste, recycling and compost on the normal collection days.

The Council provided the team with a sort site. Once back at the site the samples were unloaded and weighed on electronic platform scales. Hand sorting could then begin.

1.6 *Hand sorting*

Samples for hand sorting were placed on a screen with 10mm apertures to remove fines (particles less than 10mm in any one dimension irrespective of composition) and initially sorted into the major material categories (e.g. dense plastics, metals, mixed textiles). Sorting at this level of definition continued until each of the samples had been screened. All particles falling through the screen were removed, weighed separately and classified as 'fines'.

Secondary sorting was then undertaken. This involved the separation of materials into 63 specified sub-categories. Each sub-category was then weighed on electronic platform scales and the data recorded.

At the end of each days work the waste was transferred into residual waste skips ready for disposal.

1.7 *Analysing the data*

Concentration percentage figures are calculated using the hand sort weight figures i.e. the weight for newspapers was NP kilogrammes and the total hand sort weight was W kilogrammes so the concentration percentage of newspapers = $NP/W \times 100$. The total kilogrammes per household per week figure is simply calculated by dividing the total weight of waste collected by the number of households in the sample (the households who have not put out waste are included in this). The concentration percentage figures are then used to calculate the kg/hh/wk figures for each of the primary and sub-categories.

The average waste generation rate and composition figures are calculated using the percentage figures provided by the ACORN profile i.e. the average figures take into account that the total household population is made up of 28.0% of ACORN 1; 4.7% ACORN 2; 37.6% of ACORN 3 households; 11.5% ACORN 4 households and 17.5% ACORN 5 households:

$$(ACORN\ 1 \times 0.28) + (ACORN\ 2 \times 0.047) + (ACORN\ 3 \times 0.376) + (ACORN\ 4 \times 0.115) + (ACORN\ 5 \times 0.175) = \text{average}$$

Method for calculating the Diversion rate:

$$\text{Weight of kerbside recycled material} \div (\text{Weight of kerbside recycled material} + \text{weight of residual waste}) \times 100$$

Method for calculating Set out rate:

$$(\text{Number of households putting out container in sample street area} \div \text{Total number of households in sample street area}) \times 100$$

Recycling contamination

Total weight of material that should NOT have been found in the recycling container.

Potentially recyclable material

This is the total weight and concentration of material found in the residual waste that could have been placed in the recycling container under the Council's current scheme.

Method for calculating capture rate

The capture rate merely considers those materials that have been recycled into the kerbside scheme compared to the total amount of that material that was available to be recycled i.e. the material in the recycling container and the potentially recyclable material found in the residual waste.

Example:

$$\text{Weight of glass found in the kerbside recycling scheme} \div (\text{Weight of glass found in the kerbside recycling scheme} + \text{potentially recyclable glass found in the residual waste}) \times 100$$

1.8 Level of confidence in the data

Household waste is complex in its composition because of diverse factors such as geographical location, season, social and economic conditions and methods and frequency of collection.

It is practically impossible, as well as physically undesirable; to separate, measure and analyse all the solid waste arising generated in a local authority. Consequently a sample must be taken.

Sample Weight

The sample collected for analysis must be sufficient to:

- Ensure that the sample is representative of the population (waste stream) as a whole and
- Ensure that a specified precision is achieved.

It should be noted that the amount of sample needed to produce a required precision, reflecting abundance and particle size distribution in the waste stream, for a commonly found material (e.g. paper or glass) would be significantly smaller than that required for a less commonly found material (e.g. batteries). The requirements of the project must be understood from the outset.

Data⁶ derived from the National Household Waste Analysis Programme (NHWAP 1990) showed that, for a sample of household waste with a paper concentration of about 40% by weight, it was necessary to collect a sample weighing about 500kg (that arising from about 50 households per week, assuming a waste generation rate of 10kg per household). This would achieve a relative error of +/- 10%.

The introduction of kerbside recycling schemes has significantly reduced the weight of paper in household waste to approximately 20%. In addition, today the average household throws away or recycles 16kg per week. As such 35 households will provide a sample of 560kg a more than sufficient weight to determine the concentrations of common items e.g. newspaper and magazines, card packaging, plastic bottles, glass bottles and jars, cans, food and garden waste with a reduced relative error.

The accuracy of waste data has been significantly improved with the use of socio economic profiling tools such as ACORN. Bulk samples of 500kg are no longer randomly collected, or taken from the back of a refuse wagon. Dominant householder types are identified and waste samples collected from specific households. Proportional average data can then be calculated.

1.9 Definitions

Residual waste

For the purposes of this report residual waste is all rubbish put out to be collected by the refuse crews that is not intended for separate recycling or composting collections.

Potentially recyclable material

This is the total weight and concentration of material found in the residual waste that could have been placed in the recycling container under the Council's current scheme.

Categories included on the sort sheet

- **PET** – Polyethylene terephthalate – Plastic fizzy drink bottles and oven-ready meal trays.
- **HDPE** – High-density polyethylene – Plastic bottles for milk and washing-up liquids.
- **PVC** – Polyvinyl chloride – Food trays, cling film, bottles for squash, mineral water and shampoo.
- **HHW** – Hazardous Household Waste
- **WEEE** – Waste Electrical and Electronic Equipment

⁶ Ray New 1990 independent paper

Chapter 2 Results and Discussion

2.1 Average residual waste results

The Autumn 2009 survey identified that on average households in Leicestershire are throwing away 8.5kg of residual waste each per week.

The greatest weight of waste was recorded for the ACORN 3H – ‘Secure Families’ households. As families with children these householders commonly have higher weights of waste. 44% of these households had put out 100% full bins. The lowest weight of waste per household was recorded for the ACORN 1 households; these were a mixture of ‘Wealthy Executive, Flourishing Families and Affluent Greys. Only 19% of these households had 100% full bins.

Table 2.1: Use of bin capacity

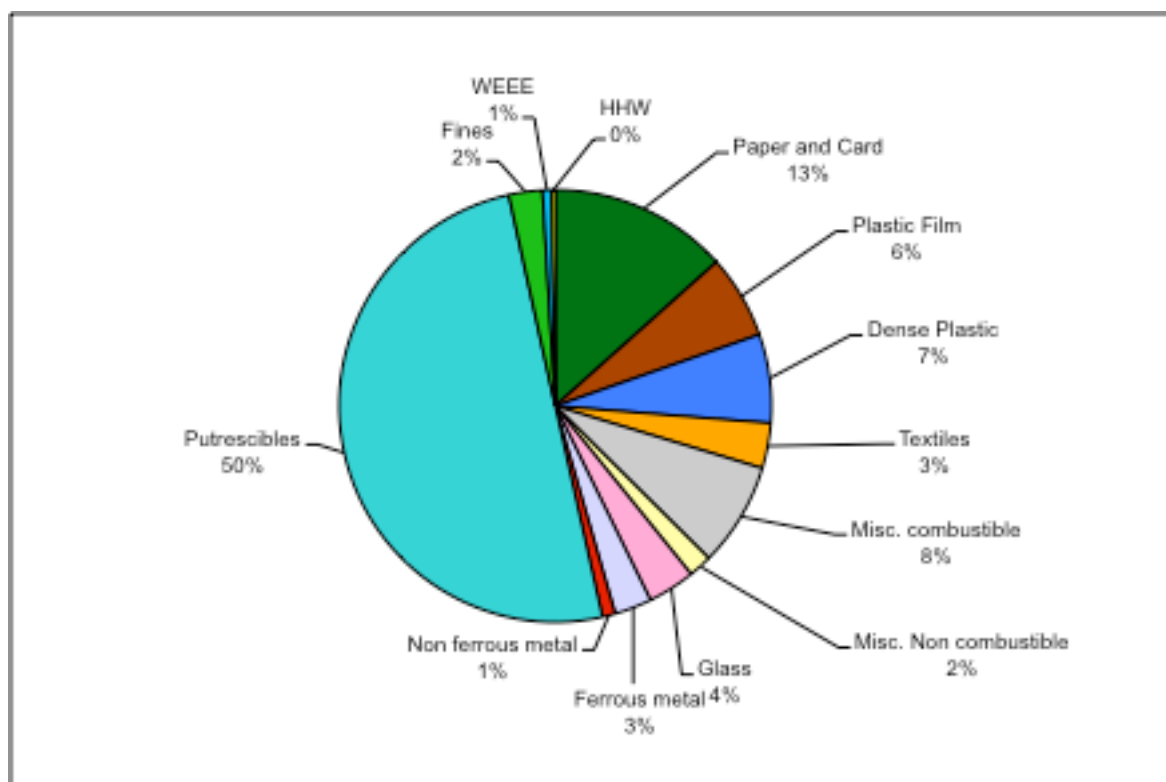
	How full is the waste container					Total	
	ACORN 1	ACORN 3H	ACORN 3I	ACORN 4	ACORN 5	Number	%
more than 100% full	0	4	0	0	11	15	7%
100% full	7	16	8	0	10	41	20%
75% full	5	11	8	9	8	41	20%
50% full	5	4	8	11	6	34	17%
25% full or less	15	4	6	18	5	48	24%
Nil	5	6	6	6	2	25	12%
Total	37	45	36	44	42	204	100%

Table 2.2: Average weights of residual waste for each sample area

	ACORN 1	ACORN 3H	ACORN 3I	ACORN 4	ACORN 5
Kg/hh/wk	4.9kg	10.8kg	10.7kg	7.9kg	10.6kg
Average	8.5kg				

It should be noted that households in the ACORN 1, 3I and 5 sampling areas have an alternate weekly collection for waste and ACORN 3H and 4 have a weekly collection for waste. The figures in table 2.2 have been weighted to show weekly collection weights.

Figure 2.1: Average Leicestershire residual waste bin Autumn 2009



As can be seen in Figure 2.1 putrescible waste⁷ made up the greatest concentration at approximately 50% by weight for the average Leicestershire household residual waste bin. In all cases the majority of the weight came from food waste with fairly equal figures for raw fruit and vegetable matter and cooked/prepared food. Very little garden waste was found in any of the samples.

Table 2.3: Food and garden waste found in the residual waste

ACORN types	Food waste	Garden waste
ACORN 1	2.2kg	<0.1kg
ACORN 3H	3.4kg	0.2kg
ACORN 3I	5.6kg	0.1kg
ACORN 4	2.7kg	0.1kg
ACORN 5	5.1kg	0.0kg
Average	3.6kg	0.1kg

Paper and card made up the second highest concentration by weight for the average householder at approximately 13%. The average weight per household was 1.0kg. These figures are very low and very similar to those seen in Autumn 2007.

Miscellaneous combustible materials made up the third highest concentration by weight for the average householder at approximately 8%. The average weight per

⁷ Putrescible waste includes: garden waste, all food waste and animal bedding

household was 0.7kg. The majority of the weight for this category was disposable nappies. The weight for the ACORN 5 households was 0.7kg for each household per week of disposable nappies.

On average 1.4kg of each householder's waste was potentially recyclable under the current kerbside schemes. This is equivalent to 17% of the residual waste.

Table 2.4: Weights of potentially recyclable material in the residual waste

	ACORN 1	ACORN 3H	ACORN 3I	ACORN 4	ACORN 5
Recyclable material	0.5kg	2.9kg	1.7kg	1.6kg	1.4kg
Average	1.4kg per household per week				

Tables 2.5 to 2.8 show the average residual waste, garden and recycling generation rates and composition at the 63 sub-category level. Figures are shown as concentration percentages and as kilogrammes per household per week. The full set of results for each sample area can be found in appendix A.

Tables 2.9 and 2.10 and figures 2.2 and 2.3 show waste generation rates and composition at the thirteen primary categories level. These tables enable comparisons to be made between the samples.

Table 2.5: Average residual waste generation rates – Autumn 2009

Primary cats	Sub-Category	Residual Waste Autumn 2009			
		Concentration %	kg/hh/week		
Paper and card	Newspaper and magazines	1.85	13.40	0.16	1.14
	Directories and catalogues inc yellow pages	0.69		0.06	
	Junk mail and other recyclable paper	1.94		0.16	
	Paper packaging	0.92		0.08	
	Wall paper, tissues, hand towels, other non recyclable paper	4.52		0.38	
	Liquid cartons	0.42		0.04	
	Cardboard non corrugated	2.62		0.22	
	Cardboard corrugated	0.45		0.04	
Plastic film	Refuse sacks and other plastic film	1.30	6.24	0.11	0.53
	Carrier bags and packaging film	4.94		0.42	
Dense plastic	PET clear and coloured bottles	0.59	6.64	0.05	0.56
	HDPE opaque and coloured bottles	0.44		0.04	
	PVC clear and coloured bottles	0.01		0.00	
	Other rigid plastic packaging	3.81		0.32	
	Polystyrene	0.29		0.02	
	Video tapes/ music tapes	0.18		0.02	
	CDs, DVDs	0.06		0.01	
	Other rigid plastic	0.91		0.08	
	Other re usable rigid plastic items	0.34		0.03	
Textiles	Re usable clothes	0.96	3.38	0.08	0.29
	Other reusable textiles	0.37		0.03	
	Non reusable	2.05		0.17	
Misc. combustible	Reusable Shoes, belts and bags	1.08	7.77	0.09	0.66
	Wood and cork packaging	0.11		0.01	
	Wood and cork non packaging	0.86		0.07	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.60		0.05	
	Sanitary waste	0.37		0.03	
	Nappies	3.68		0.31	
	Other combustible	1.07		0.09	
Misc. non-combustible	Ceramics	0.77	1.76	0.07	0.15
	Hardcore	0.00		0.00	
	Other DIY rubble	0.94		0.08	
	Other non-combustible	0.04		0.00	
Glass	Brown glass containers	0.19	3.55	0.02	0.30
	Green glass containers	0.82		0.07	
	Clear glass containers	2.24		0.19	
	Plate glass	0.05		0.00	
	Other reusable glass items list	0.04		0.00	
	Light bulbs	0.04		0.00	
	Other glass	0.17		0.01	
Ferrous metal	Ferrous food and beverage cans	1.61	2.78	0.14	0.24
	Aerosols	0.19		0.02	
	Other packaging	0.21		0.02	
	Re usable ferrous items	0.04		0.00	
	Other ferrous	0.75		0.06	
Non-ferrous metal	Non-ferrous food and beverage cans	0.22	0.97	0.02	0.08
	Aerosols	0.10		0.01	
	Foil	0.60		0.05	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.04		0.00	
Putrescibles	Raw fruit and vegetable matter	20.57	50.05	1.75	4.25
	Cooked or prepared food	21.33		1.81	
	Green garden waste	0.81		0.07	
	Woody garden waste	0.10		0.01	
	Soil	0.10		0.01	
	Other putrescibles	7.13		0.61	
Fines	Particles <10mm	2.51	2.51	0.21	0.21
WEEE	List	0.67	0.67	0.06	0.06
HHW	List	0.28	0.28	0.02	0.02
Total		100.00	100.00	8.50	8.50
Total potentially recyclable			16.70	1.42	

Table 2.6: Average Garden waste generation rates – Autumn 2009

Primary cats	Sub-Category	Garden waste Autumn 2009			
		Concentration %	kg/hh/week		
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Textiles	Other re usable rigid plastic items	0.00	0.00	0.00	0.00
	Re usable clothes	0.00		0.00	
	Other reusable textiles	0.00		0.00	
Misc. combustible	Non reusable	0.00	0.00	0.00	0.00
	Reusable Shoes, belts and bags	0.00		0.00	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Misc. non-combustible	Other combustible	0.00	0.00	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	0.00	0.00	0.00
	Brown glass containers	0.00		0.00	
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Ferrous metal	Other glass	0.00	0.00	0.00	0.00
	Ferrous food and beverage cans	0.00		0.00	
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
Non-ferrous metal	Other ferrous	0.00	0.00	0.00	0.00
	Non-ferrous food and beverage cans	0.00		0.00	
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.00	100.00	0.00	1.15
	Raw fruit and vegetable matter	0.28		0.00	
	Cooked or prepared food	0.00		0.00	
	Green garden waste	89.80		1.04	
	Woody garden waste	8.64		0.10	
	Soil	1.29		0.01	
Fines	Other putrescibles	0.00	0.00	0.00	0.00
	Particles <10mm	0.00		0.00	
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.15	1.15
contaminants		0.28		0.00	

Table 2.7: Average paper and card recycling generation rates – Autumn 2009

Primary cats	Sub-Category	Paper and Card recycling Autumn 2009			
		Concentration %	kg/hh/week		
Paper and card	Newspaper and magazines	54.10	96.76	1.34	2.40
	Directories and catalogues inc yellow pages	8.69		0.22	
	Junk mail and other recyclable paper	9.01		0.22	
	Paper packaging	0.66		0.02	
	Wall paper, tissues, hand towels, other non recyclable paper	0.39		0.01	
	Liquid cartons	0.49		0.01	
	Cardboard non corrugated	10.04		0.25	
	Cardboard corrugated	13.38		0.33	
	Plastic film	Refuse sacks and other plastic film		0.21	
Carrier bags and packaging film		0.15	0.00		
Dense plastic	PET clear and coloured bottles	0.27	1.12	0.01	0.03
	HDPE opaque and coloured bottles	0.20		0.01	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.62		0.02	
	Polystyrene	0.02		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	1.19	0.00	0.03
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	1.19		0.03	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.09	0.33	0.00	0.01
	Aerosols	0.01		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.23		0.01	
Non-ferrous metal	Non-ferrous food and beverage cans	0.04	0.05	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.01		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.12	0.00	0.00
	Cooked or prepared food	0.12		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.08	0.08	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	2.48	2.48
Contaminants		4.11		0.10	

Table 2.8: Average plastics, cans and glass recycling generation rates – Autumn 2009

Primary cats	Sub-Category	Plastic, cans and glass recycling Autumn 2009			
		Concentration %	kg/hh/week		
Paper and card	Newspaper and magazines	14.67	23.35	0.27	0.43
	Directories and catalogues inc yellow pages	1.90		0.04	
	Junk mail and other recyclable paper	3.00		0.06	
	Paper packaging	0.05		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.44		0.01	
	Liquid cartons	0.81		0.01	
	Cardboard non corrugated	1.34		0.02	
	Cardboard corrugated	1.15		0.02	
Plastic film	Refuse sacks and other plastic film	0.11	1.01	0.00	0.02
	Carrier bags and packaging film	0.90		0.02	
Dense plastic	PET clear and coloured bottles	5.95	18.10	0.11	0.33
	HDPE opaque and coloured bottles	6.60		0.12	
	PVC clear and coloured bottles	0.08		0.00	
	Other rigid plastic packaging	4.89		0.09	
	Polystyrene	0.11		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.02		0.00	
	Other rigid plastic	0.01		0.00	
Textiles	Other re usable rigid plastic items	0.46	0.09	0.01	0.00
	Re usable clothes	0.00		0.00	
	Other reusable textiles	0.00		0.00	
Misc. combustible	Non reusable	0.09	0.06	0.00	0.00
	Reusable Shoes, belts and bags	0.00		0.00	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.01		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Misc. non-combustible	Other combustible	0.05	0.04	0.00	0.00
	Ceramics	0.04		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	44.12	0.00	0.81
	Brown glass containers	5.75		0.11	
	Green glass containers	13.98		0.26	
	Clear glass containers	21.31		0.39	
	Plate glass	2.44		0.05	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.13		0.00	
Ferrous metal	Other glass	0.52	10.91	0.01	0.20
	Ferrous food and beverage cans	10.00		0.18	
	Aerosols	0.31		0.01	
	Other packaging	0.45		0.01	
	Re usable ferrous items	0.15		0.00	
Non-ferrous metal	Other ferrous	0.00	2.06	0.00	0.04
	Non-ferrous food and beverage cans	1.89		0.03	
	Aerosols	0.03		0.00	
	Foil	0.13		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.00	0.25	0.00	0.00
	Raw fruit and vegetable matter	0.00		0.00	
	Cooked or prepared food	0.06		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
Fines	Other putrescibles	0.20	0.00	0.00	0.00
	Particles <10mm	0.00		0.00	
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.85	1.85
Contaminants		28.64		0.53	

Table 2.9: Residual waste composition summary – Autumn 2009

	Concentration percentages for waste samples Autumn 2009					
	ACORN 1	ACORN 3H	ACORN 3I	ACORN 4	ACORN 5	Average
Paper and Card	11.8	15.0	14.0	13.2	12.0	13.4
Plastic Film	7.6	5.6	6.4	6.3	6.1	6.2
Dense Plastic	5.2	8.3	7.1	6.7	4.9	6.6
Textiles	4.0	4.5	1.4	1.4	3.2	3.4
Misc. combustible	9.8	6.3	5.8	8.6	9.3	7.8
Misc. Non combustible	4.0	1.7	1.6	0.5	0.7	1.8
Glass	2.5	4.5	1.1	9.3	1.4	3.6
Ferrous metal	2.4	3.3	1.2	1.9	3.6	2.8
Non ferrous metal	1.0	1.0	0.9	1.3	0.8	1.0
Putrescibles	49.0	45.3	56.5	48.9	55.5	50.0
Fines	1.6	3.5	3.0	1.5	2.0	2.5
WEEE	0.8	0.8	0.7	0.4	0.4	0.7
HHW	0.5	0.3	0.1	0.1	0.2	0.3
Total	100.0	100.0	100.0	100.0	100.0	100.0

For the Autumn season the three dominant material categories were putrescibles, paper/ card and miscellaneous combustibles. These three categories made up over 71% of the weight of the average sample.

Figure 2.2: Residual waste composition (concentration percentage) by ACORN Autumn 2009

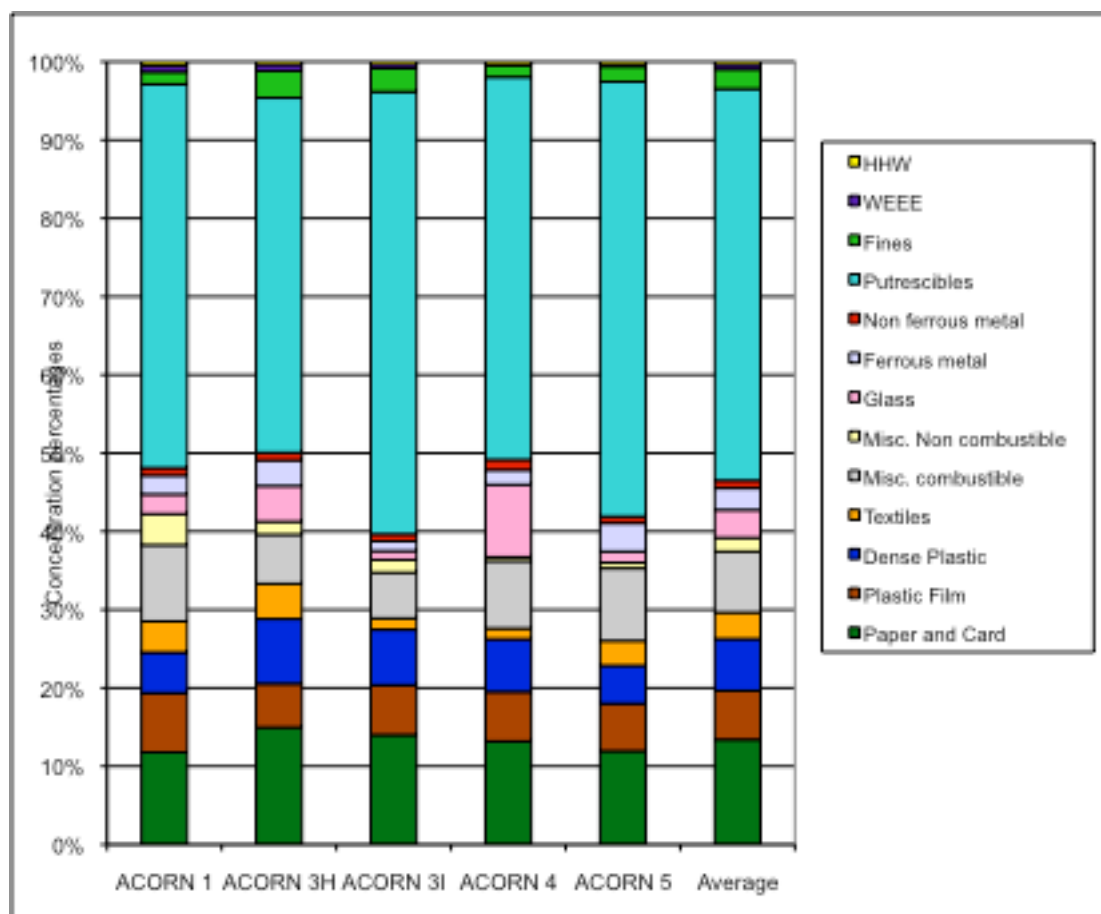
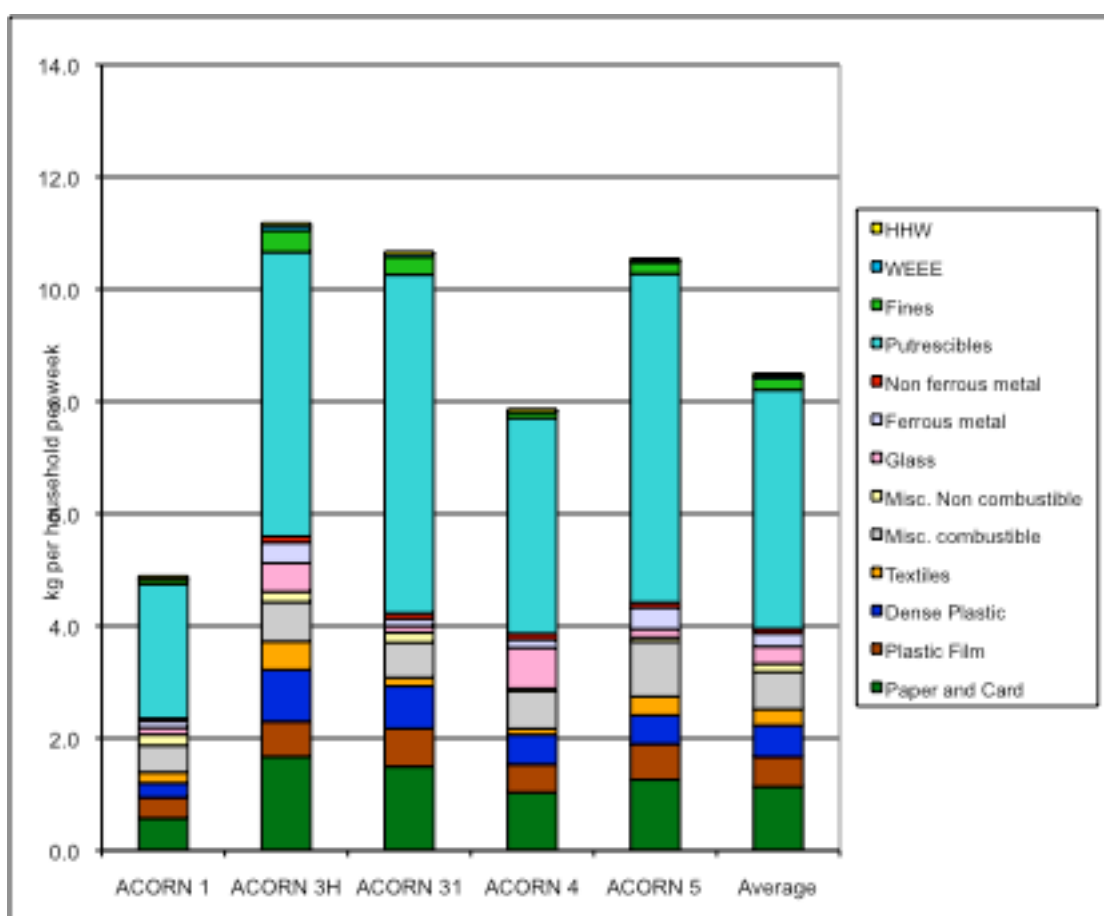


Table 2.10: Residual waste and recycling generation rates summary – Autumn 2009

	kg per household per week Autumn 2009					
	ACORN 1	ACORN 3H	ACORN 31	ACORN 4	ACORN 5	Average
Paper and Card	0.6	1.7	1.5	1.0	1.3	1.1
Plastic Film	0.4	0.6	0.7	0.5	0.6	0.5
Dense Plastic	0.3	0.9	0.8	0.5	0.5	0.6
Textiles	0.2	0.5	0.2	0.1	0.3	0.3
Misc. combustible	0.5	0.7	0.6	0.7	1.0	0.7
Misc. Non combustible	0.2	0.2	0.2	0.0	0.1	0.1
Glass	0.1	0.5	0.1	0.7	0.2	0.3
Ferrous metal	0.1	0.4	0.1	0.1	0.4	0.2
Non ferrous metal	0.0	0.1	0.1	0.1	0.1	0.1
Putrescibles	2.4	5.1	6.0	3.8	5.9	4.3
Fines	0.1	0.4	0.3	0.1	0.2	0.2
WEEE	0.0	0.1	0.1	0.0	0.0	0.1
HHW	0.0	0.0	0.0	0.0	0.0	0.0
Total	4.9	11.2	10.7	7.9	10.5	8.5

Figure 2.3: Residual waste generation rates summary (Kg/hh/wk) – Autumn 2009



2.2 Recycling schemes

Table 2.11 below provides an indication of the numbers of householders who set out recycling for collection during the sample period. These are not true participation figures, as a participation survey would entail monitoring households over a longer length of time and with a wider sampling area, nonetheless they do provide an average snapshot.

None of the figures are very high. The garden waste figures are likely to be lower because of the time of year. For ACORN 3I the recycling was collected in week one and week 2 but as can be seen the set out rates for week two are very low. Low set out does not necessarily mean the scheme is not working it may only mean that households do not feel the need to set out every time (unless otherwise stated collections are fortnightly).

Table 2.11: Set out rates for recycling bins

	Garden waste	Paper	Card	Glass	Plastics and cans
	Set out rates				
ACORN 1	-		73%	30%	59%
ACORN 3H	13%		78%	56%	64%
ACORN 3I	42%	56%*	42% residual week*	61%*	36% residual week*
ACORN 4	7%		50%	-	39%
ACORN 5	17%	50%	45%	-	76%

*For the ACORN 3I households recycling [paper/card and glass/plastic/cans] was collected in week 1 and week 2. In week 1 compost and recycling were collected and in week two residual waste and recycling were collected.

Table 2.12 shows weights of material collected for the recycling schemes per household per week. The ACORN 1 households recycled the greatest weights of dry recycling and as in Autumn 2007 they did not have any garden waste for collection. The ACORN 4 households recycled the lowest weights of dry recycling but the figure for potentially recyclable material in their residual waste was not high.

Table 2.12: Weights of recycling

	Recycling as kg per household per week					
	garden	paper	card	plastic	Cans	glass
ACORN 1	0.0kg	3.1kg		2.2kg		1.0kg
ACORN 3H	1.2kg	2.6kg		1.0kg		0.6kg
ACORN 3I	2.7kg	2.1kg			0.9kg	
ACORN 4	0.4kg	2.0kg		0.5kg		-
ACORN 5	0.9kg	1.0kg	0.8kg	1.3kg		-
October Average	1.2kg	2.5kg		1.9kg		

The following two tables show capture and diversion rates for different materials in the dry recycling and compost schemes. The ACORN 1 households are achieving excellent capture rates. Households in the other sample area are achieving good

capture rates for garden, paper and card but not very high rates for glass, cans and plastic.

Table 2.13a: Capture rates for materials recycled

	Garden	Paper	Card	Glass	Plastics and cans
	Capture rates				
ACORN 1	-	73%		88%	79%
ACORN 3H	83%	69%		34%	26%
ACORN 3I	98%	74%			53%
ACORN 4	78%	71%		-	50%
ACORN 5	100%	75%	72%	-	49%

The recycling diversion target for the County Council for 2009/10 is 48.6% only the ACORN 1 households are achieving this figure.

Table 2.13b: Diversion rates for materials recycled

	Garden waste	Paper	Card	Glass	Plastics and cans	Total
	Diversion rates					
ACORN 1	-	28%		9%	19%	56%
ACORN 3H	7%	15%		3%	6%	32%
ACORN 3I	16%	13%			5%	29%
ACORN 4	3%	19%		-	5%	27%
ACORN 5	6%	7%	5%	-	9%	27%

2.3 Biodegradable fraction

Table 2.14 shows the contribution of biodegradable materials in the residual waste collected at the kerbside. These figures will be relevant to Leicestershire County Council when considering the proportion of biodegradable waste which will be subject to LATS. The data has been calculated using the compositional data from the five sample areas and the percentages outlined in the Waste Strategy Units⁸ revised national estimate as shown in Table 2.15 below.

Table 2.14: Biodegradable fraction of total material collected at the kerbside

	ACORN 1	ACORN 3H	ACORN 3I	ACORN 4	ACORN 5	average
Paper and card	43.91	24.91	22.12	27.88	20.87	28.40
Textiles	0.89	1.53	0.47	0.50	1.15	1.03
Misc. Combustible	2.14	2.46	1.90	3.18	3.37	2.47
Putrescibles	21.53	37.83	53.28	39.19	46.23	38.74
Fines	0.34	1.19	0.99	0.53	0.72	0.77
Total	68.81	67.94	78.77	71.29	72.34	71.42

⁸ Until 2002 the concentration of the biodegradable element in household waste had been calculated using data arising from the National Household Waste Analysis Programme a study that was finalised in 1990

Table 2.15: Estimates of the overall proportion of biodegradable household waste: Waste Strategy Unit study December 2002

Household waste portion of components	Portion of household waste stream (1% dry weight)	Biodegradable content (1=all, 0.5=half, 0=none)	Biodegradable household waste stream (% dry weight) (column 2 x column 3)	Leicestershire average % waste only collected at the kerbside
Paper and card	19	1	19	28.4
Textiles	3	0.5	2	1.0
Misc. combustible	8	0.5	4	2.5
Putrescibles	42	1	42	38.7
Fines	3	0.5	2	1.0
Other (incl. plastics, glass, ferrous, non-ferrous, misc. non combustibles)	21	0	0	0
Total	100%		68%	71.4%

The Waste Strategy Unit has calculated that 68% of household waste is biodegradable. The average biodegradable figure for Leicestershire has been calculated as 71% during Autumn 2009.

Appendix A – Full Results Autumn 2009

A1: ACORN 1 residual waste – Autumn 2009

		ACORN 1 Residual waste			
Primary cats	Sub-category	Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.59	11.78	0.03	0.58
	Directories and catalogues inc yellow pages	0.08		0.00	
	Junk mail and other recyclable paper	1.79		0.09	
	Paper packaging	0.91		0.04	
	Wall paper, tissues, hand towels, other non recyclable paper	5.70		0.28	
	Liquid cartons	0.64		0.03	
	Cardboard non corrugated	1.82		0.09	
	Cardboard corrugated	0.25		0.01	
Plastic film	Refuse sacks and other plastic film	1.98	7.57	0.10	0.37
	Carrier bags and packaging film	5.59		0.27	
Dense plastic	PET clear and coloured bottles	0.26	5.21	0.01	0.25
	HDPE opaque and coloured bottles	0.13		0.01	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	3.02		0.15	
	Polystyrene	0.36		0.02	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.03		0.00	
	Other rigid plastic	0.77		0.04	
	Other re usable rigid plastic items	0.64		0.03	
Textiles	Re usable clothes	1.40	3.95	0.07	0.19
	Other reusable textiles	0.22		0.01	
	Non reusable	2.33		0.11	
Misc. combustible	Reusable Shoes, belts and bags	1.31	9.76	0.06	0.48
	Wood and cork packaging	0.01		0.00	
	Wood and cork non packaging	2.35		0.12	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.85		0.04	
	Sanitary waste	0.70		0.03	
	Nappies	2.41		0.12	
	Other combustible	2.13		0.10	
Misc. non-combustible	Ceramics	0.51	3.97	0.02	0.19
	Hardcore	0.00		0.00	
	Other DIY rubble	3.35		0.16	
	Other non-combustible	0.11		0.01	
Glass	Brown glass containers	0.19	2.51	0.01	0.12
	Green glass containers	0.41		0.02	
	Clear glass containers	1.51		0.07	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.24		0.01	
	Light bulbs	0.06		0.00	
	Other glass	0.10		0.01	
Ferrous metal	Ferrous food and beverage cans	0.50	2.41	0.02	0.12
	Aerosols	0.18		0.01	
	Other packaging	0.33		0.02	
	Re useable ferrous items	0.00		0.00	
	Other ferrous	1.39		0.07	
Non-ferrous metal	Non-ferrous food and beverage cans	0.07	0.96	0.00	0.05
	Aerosols	0.13		0.01	
	Foil	0.70		0.03	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.06		0.00	
Putrescibles	Raw fruit and vegetable matter	25.69	49.02	1.26	2.40
	Cooked or prepared food	18.75		0.92	
	Green garden waste	0.24		0.01	
	Woody garden waste	0.12		0.01	
	Soil	0.00		0.00	
	Other putrescibles	4.23		0.21	
Fines	Particles <10mm	1.56	1.56	0.08	0.08
WEEE	List	0.77	0.77	0.04	0.04
HHW	List	0.53	0.53	0.03	0.03
Total		100.00	100.00	4.89	4.89
Total potentially recyclable		10.22		0.50	

WEEE

Cable, hair curlers, toothbrush chargers, watch, switch x 2, tape walkman, charger, disc walkmans x3, torch

HHW

Batteries, gas canister, engine oil, ink cart

A2: ACORN 1 Paper and card recycling – Autumn 2009

Primary cats	Sub-category	ACORN 1 Paper and Card recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	54.47	96.98	1.71	3.04
	Directories and catalogues inc yellow pages	10.82		0.34	
	Junk mail and other recyclable paper	11.00		0.34	
	Paper packaging	0.94		0.03	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.88		0.03	
	Cardboard non corrugated	8.42		0.26	
	Cardboard corrugated	10.45		0.33	
Plastic film	Refuse sacks and other plastic film	0.00	0.12	0.00	0.00
	Carrier bags and packaging film	0.12		0.00	
Dense plastic	PET clear and coloured bottles	0.64	2.40	0.02	0.08
	HDPE opaque and coloured bottles	0.49		0.02	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	1.27		0.04	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
Nappies	0.00	0.00			
Misc. non-combustible	Other combustible	0.00	0.00	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	0.00	0.00	0.00
	Brown glass containers	0.00		0.00	
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Other glass	0.00	0.00			
Ferrous metal	Ferrous food and beverage cans	0.21	0.21	0.01	0.01
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.10	0.10	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.19	0.00	0.01
	Cooked or prepared food	0.19		0.01	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	3.13	3.13
Contamination		3.90		0.12	

A3: ACORN 1 Glass recycling – Autumn 2009

		ACORN 1 Glass recycling			
Primary cats	Sub-category	Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.17	0.00	0.00
	Carrier bags and packaging film	0.17		0.00	
Dense plastic	PET clear and coloured bottles	0.08	0.08	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.47	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.47		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	12.70	99.27	0.12	0.96
	Green glass containers	38.42		0.37	
	Clear glass containers	30.83		0.30	
	Plate glass	14.24		0.14	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.74		0.01	
	Other glass	2.35		0.02	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.97	0.97
Contamination		18.05		0.17	

A4: ACORN 1 Plastic and cans recycling – Autumn 2009

Primary cats	Sub-category	ACORN 1 Plastic and Cans recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	36.94	59.26	0.80	1.29
	Directories and catalogues inc yellow pages	4.94		0.11	
	Junk mail and other recyclable paper	7.78		0.17	
	Paper packaging	0.12		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	1.14		0.02	
	Liquid cartons	2.07		0.04	
	Cardboard non corrugated	3.37		0.07	
	Cardboard corrugated	2.90		0.06	
Plastic film	Refuse sacks and other plastic film	0.25	1.98	0.01	0.04
	Carrier bags and packaging film	1.73		0.04	
Dense plastic	PET clear and coloured bottles	5.62	25.45	0.12	0.55
	HDPE opaque and coloured bottles	9.30		0.20	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	9.14		0.20	
	Polystyrene	0.28		0.01	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	1.11	0.02			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
Nappies	0.00	0.00			
Misc. non-combustible	Other combustible	0.00	0.00	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	0.00	0.00	0.00
	Brown glass containers	0.00		0.00	
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Other glass	0.00	0.00			
Ferrous metal	Ferrous food and beverage cans	10.62	11.89	0.23	0.26
	Aerosols	0.34		0.01	
	Other packaging	0.93		0.02	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	1.17	1.42	0.03	0.03
	Aerosols	0.00		0.00	
	Foil	0.25		0.01	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	2.17	2.17
Contamination		71.77		1.56	

A5: ACORN 3H Residual waste week 1- Autumn 2009

Primary cats	Sub-category	ACORN 3H Residual waste			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	2.43	14.04	0.26	1.52
	Directories and catalogues inc yellow pages	0.03		0.00	
	Junk mail and other recyclable paper	1.86		0.20	
	Paper packaging	0.61		0.07	
	Wall paper, tissues, hand towels, other non recyclable paper	5.56		0.60	
	Liquid cartons	0.40		0.04	
	Cardboard non corrugated	2.77		0.30	
	Cardboard corrugated	0.37		0.04	
Plastic film	Refuse sacks and other plastic film	1.46	5.56	0.16	0.60
	Carrier bags and packaging film	4.10		0.44	
Dense plastic	PET clear and coloured bottles	1.12	9.88	0.12	1.07
	HDPE opaque and coloured bottles	0.55		0.06	
	PVC clear and coloured bottles	0.07		0.01	
	Other rigid plastic packaging	6.14		0.66	
	Polystyrene	0.15		0.02	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.04		0.00	
	Other rigid plastic	1.81		0.20	
Textiles	Other re usable rigid plastic items	0.00	5.49	0.00	0.59
	Re usable clothes	0.92		0.10	
	Other reusable textiles	1.22		0.13	
Misc. combustible	Non reusable	3.35	7.17	0.36	0.78
	Reusable Shoes, belts and bags	1.17		0.13	
	Wood and cork packaging	0.01		0.00	
	Wood and cork non packaging	0.21		0.02	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.08		0.01	
	Sanitary waste	0.42		0.05	
	Nappies	4.06		0.44	
Misc. non-combustible	Other combustible	1.23	2.56	0.13	0.28
	Ceramics	0.77		0.08	
	Hardcore	0.00		0.00	
	Other DIY rubble	1.79		0.19	
Glass	Other non-combustible	0.00	5.43	0.00	0.59
	Brown glass containers	0.44		0.05	
	Green glass containers	1.75		0.19	
	Clear glass containers	2.74		0.30	
	Plate glass	0.24		0.03	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.05		0.00	
Ferrous metal	Other glass	0.21	3.57	0.02	0.39
	Ferrous food and beverage cans	2.90		0.31	
	Aerosols	0.15		0.02	
	Other packaging	0.09		0.01	
	Re usable ferrous items	0.00		0.00	
Non-ferrous metal	Other ferrous	0.42	0.77	0.05	0.08
	Non-ferrous food and beverage cans	0.20		0.02	
	Aerosols	0.09		0.01	
	Foil	0.49		0.05	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.00	39.68	0.00	4.30
	Raw fruit and vegetable matter	16.48		1.79	
	Cooked or prepared food	15.31		1.66	
	Green garden waste	1.76		0.19	
	Woody garden waste	0.00		0.00	
	Soil	0.22		0.02	
Fines	Other putrescibles	5.91	3.50	0.64	0.38
	Particles <10mm	3.50		0.38	
WEEE	List	1.75	1.75	0.19	0.19
HHW	List	0.60	0.60	0.07	0.07
Total		100.00	100.00	10.83	10.83
Total potentially recyclable		26.79		2.90	

WEEE Kettle, travel alarm clock, ac adaptors, remote, TV aerial, video player, slow cooker, shaver charger, plug

HHW Batteries, condoms, ink cart, paint x 2

A6: ACORN 3H Residual waste week 2- Autumn 2009

		ACORN 3H Residual waste			
Primary cats	Sub-category	Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	2.92	15.84	0.34	1.82
	Directories and catalogues inc yellow pages	2.76		0.32	
	Junk mail and other recyclable paper	1.91		0.22	
	Paper packaging	0.92		0.11	
	Wall paper, tissues, hand towels, other non recyclable paper	3.06		0.35	
	Liquid cartons	0.38		0.04	
	Cardboard non corrugated	3.50		0.40	
	Cardboard corrugated	0.37		0.04	
Plastic film	Refuse sacks and other plastic film	1.07	5.59	0.12	0.64
	Carrier bags and packaging film	4.53		0.52	
Dense plastic	PET clear and coloured bottles	0.80	6.76	0.09	0.78
	HDPE opaque and coloured bottles	0.82		0.09	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	2.86		0.33	
	Polystyrene	0.44		0.05	
	Video tapes/ music tapes	0.42		0.05	
	CDs, DVDs	0.07		0.01	
	Other rigid plastic	0.97		0.11	
Textiles	Other re usable rigid plastic items	0.40	3.58	0.05	0.41
	Re usable clothes	0.64		0.07	
	Other reusable textiles	0.64		0.07	
Misc. combustible	Non reusable	2.30	5.45	0.27	0.63
	Reusable Shoes, belts and bags	1.28		0.15	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	1.13		0.13	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.20		0.02	
	Sanitary waste	0.11		0.01	
	Nappies	2.00		0.23	
Misc. non-combustible	Other combustible	0.73	0.80	0.08	0.09
	Ceramics	0.80		0.09	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	3.72	0.00	0.43
	Brown glass containers	0.19		0.02	
	Green glass containers	1.41		0.16	
	Clear glass containers	1.98		0.23	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.04		0.00	
Ferrous metal	Other glass	0.10	3.03	0.01	0.35
	Ferrous food and beverage cans	2.55		0.29	
	Aerosols	0.21		0.02	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.06		0.01	
Non-ferrous metal	Other ferrous	0.22	1.15	0.03	0.13
	Non-ferrous food and beverage cans	0.22		0.03	
	Aerosols	0.21		0.02	
	Foil	0.60		0.07	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.12	50.65	0.01	5.83
	Raw fruit and vegetable matter	20.57		2.37	
	Cooked or prepared food	18.35		2.11	
	Green garden waste	1.73		0.20	
	Woody garden waste	0.42		0.05	
	Soil	0.00		0.00	
Fines	Other putrescibles	9.58	3.42	1.10	0.39
	Particles <10mm	3.42		0.39	
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.04	0.04	0.00	0.00
Total		100.04	100.04	11.52	11.52
Contamination		22.81		2.63	

HHW

Energy saving bulb, batteries

A7: ACORN 3H Garden waste – Autumn 2009

Primary cats	Sub-category	ACORN 3H Garden waste			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	100.00	0.00	1.15
	Cooked or prepared food	0.00		0.00	
	Green garden waste	90.46		1.04	
	Woody garden waste	9.54		0.11	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.15	1.15
Contamination		100.00		0.00	

A8: ACORN 3H Paper and card recycling – Autumn 2009

		ACORN 3H Paper and Card recycling			
Primary cats	Sub-category	Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	55.64	93.96	1.42	2.40
	Directories and catalogues inc yellow pages	6.51		0.17	
	Junk mail and other recyclable paper	7.67		0.20	
	Paper packaging	0.71		0.02	
	Wall paper, tissues, hand towels, other non recyclable paper	0.78		0.02	
	Liquid cartons	0.26		0.01	
	Cardboard non corrugated	10.62		0.27	
	Cardboard corrugated	11.76		0.30	
Plastic film	Refuse sacks and other plastic film	0.12	0.35	0.00	0.01
	Carrier bags and packaging film	0.23		0.01	
Dense plastic	PET clear and coloured bottles	0.00	0.21	0.00	0.01
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.13		0.00	
	Polystyrene	0.09		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	4.23	0.00	0.11
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	4.23		0.11	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.80	0.00	0.02
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.80		0.02	
Non-ferrous metal	Non-ferrous food and beverage cans	0.01	0.01	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Other non-ferrous	0.00	0.00			
Putrescibles	Raw fruit and vegetable matter	0.00	0.14	0.00	0.00
	Cooked or prepared food	0.14		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
Other putrescibles	0.00	0.00			
Fines	Particles <10mm	0.29	0.29	0.01	0.01
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	2.55	2.55
Contamination		7.08		0.18	

A9: ACORN 3H Glass recycling – Autumn 2009

Primary cats	Sub-category	ACORN 3H Glass recycling			
		Concentration %	kg/hh/week		
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	9.28	99.88	0.05	0.55
	Green glass containers	25.34		0.14	
	Clear glass containers	65.26		0.36	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.12	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.12		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.55	0.55
Contamination			0.12	0.00	

A10: ACORN 1 Plastic and cans recycling – Autumn 2009

Primary cats	Sub-category	ACORN 3H Plastic and Cans recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	2.65	3.12	0.03	0.03
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.01		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.02		0.00	
	Cardboard non corrugated	0.22		0.00	
	Cardboard corrugated	0.21		0.00	
Plastic film	Refuse sacks and other plastic film	0.11	0.20	0.00	0.00
	Carrier bags and packaging film	0.10		0.00	
Dense plastic	PET clear and coloured bottles	8.97	20.57	0.09	0.21
	HDPE opaque and coloured bottles	7.89		0.08	
	PVC clear and coloured bottles	0.28		0.00	
	Other rigid plastic packaging	3.43		0.04	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.09	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.09		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.13	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.13		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	1.67	57.31	0.02	0.60
	Green glass containers	22.53		0.24	
	Clear glass containers	32.74		0.34	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.37		0.00	
Ferrous metal	Ferrous food and beverage cans	12.76	14.41	0.13	0.15
	Aerosols	0.17		0.00	
	Other packaging	0.50		0.01	
	Re usable ferrous items	0.98		0.01	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	2.81	2.89	0.03	0.03
	Aerosols	0.06		0.00	
	Foil	0.01		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	1.28	0.00	0.01
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	1.28		0.01	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.04	1.04
Contamination		63.11		0.66	

A11: ACORN 3I Residual waste – Autumn 2009

		ACORN 3I Residual waste			
Primary cats	Sub-category	Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	1.59	14.01	0.17	1.49
	Directories and catalogues inc yellow pages	0.08		0.01	
	Junk mail and other recyclable paper	3.06		0.33	
	Paper packaging	1.11		0.12	
	Wall paper, tissues, hand towels, other non recyclable paper	5.08		0.54	
	Liquid cartons	0.51		0.05	
	Cardboard non corrugated	2.31		0.25	
	Cardboard corrugated	0.27		0.03	
Plastic film	Refuse sacks and other plastic film	0.74	6.36	0.08	0.68
	Carrier bags and packaging film	5.62		0.60	
Dense plastic	PET clear and coloured bottles	0.24	7.07	0.03	0.75
	HDPE opaque and coloured bottles	0.24		0.03	
	PVC clear and coloured bottles	0.02		0.00	
	Other rigid plastic packaging	4.43		0.47	
	Polystyrene	0.37		0.04	
	Video tapes/ music tapes	0.74		0.08	
	CDs, DVDs	0.01		0.00	
	Other rigid plastic	0.44		0.05	
Textiles	Other re usable rigid plastic items	0.58	1.45	0.06	0.15
	Re usable clothes	0.62		0.07	
	Other reusable textiles	0.00		0.00	
Misc. combustible	Non reusable	0.83	5.85	0.09	0.62
	Reusable Shoes, belts and bags	1.03		0.11	
	Wood and cork packaging	0.82		0.09	
	Wood and cork non packaging	0.08		0.01	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	2.15		0.23	
	Sanitary waste	0.52		0.06	
	Nappies	0.34		0.04	
Misc. non-combustible	Other combustible	0.91	1.63	0.10	0.17
	Ceramics	1.63		0.17	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	1.13	0.00	0.12
	Brown glass containers	0.14		0.02	
	Green glass containers	0.05		0.00	
	Clear glass containers	0.52		0.06	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.07		0.01	
Other glass	0.36	0.04			
Ferrous metal	Ferrous food and beverage cans	0.78	1.24	0.08	0.13
	Aerosols	0.19		0.02	
	Other packaging	0.08		0.01	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.19		0.02	
Non-ferrous metal	Non-ferrous food and beverage cans	0.07	0.91	0.01	0.10
	Aerosols	0.10		0.01	
	Foil	0.70		0.08	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.03		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	27.27	56.52	2.91	6.03
	Cooked or prepared food	24.79		2.64	
	Green garden waste	0.06		0.01	
	Woody garden waste	0.00		0.00	
	Soil	0.51		0.05	
	Other putrescibles	3.89		0.42	
Fines	Particles <10mm	3.02	3.02	0.32	0.32
WEEE	List	0.73	0.73	0.08	0.08
HHW	List	0.08	0.08	0.01	0.01
Total		100.00	100.00	10.67	10.67
Total potentially recyclable		15.84		1.69	

WEEE Camera, remote, hand fan, toy, remote control car, shredder
HHW ink cartridge, batteries

A12: ACORN 3I Garden waste – Autumn 2009

Primary cats	Sub-category	ACORN 3I Garden Waste			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Other combustible	0.00	0.00			
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	1.15	100.00	0.03	2.70
	Cooked or prepared food	0.00		0.00	
	Green garden waste	89.35		2.41	
	Woody garden waste	4.09		0.11	
	Soil	5.40		0.15	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	2.70	2.70
Contamination		1.15		0.03	

A13: ACORN 3I Paper and card recycling week 1- Autumn 2009

Primary cats	Sub-category	ACORN 3I Paper and Card recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	67.17	99.52	0.86	1.27
	Directories and catalogues inc yellow pages	8.03		0.10	
	Junk mail and other recyclable paper	8.55		0.11	
	Paper packaging	0.74		0.01	
	Wall paper, tissues, hand towels, other non recyclable paper	0.11		0.00	
	Liquid cartons	0.28		0.00	
	Cardboard non corrugated	9.45		0.12	
	Cardboard corrugated	5.18		0.07	
Plastic film	Refuse sacks and other plastic film	0.00	0.02	0.00	0.00
	Carrier bags and packaging film	0.02		0.00	
Dense plastic	PET clear and coloured bottles	0.04	0.13	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.09		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
Nappies	0.00	0.00			
Misc. non-combustible	Other combustible	0.00	0.00	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	0.00	0.00	0.00
	Brown glass containers	0.00		0.00	
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Other glass	0.00	0.00			
Ferrous metal	Ferrous food and beverage cans	0.11	0.11	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.07	0.22	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.15		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.28	1.28
Contamination		0.87		0.01	

A14: ACORN 3I Paper and card recycling week 2- Autumn 2009

Primary cats	Sub-category	ACORN 3I Paper and Card recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	61.32	99.75	1.83	2.98
	Directories and catalogues inc yellow pages	10.43		0.31	
	Junk mail and other recyclable paper	7.14		0.21	
	Paper packaging	0.22		0.01	
	Wall paper, tissues, hand towels, other non recyclable paper	0.47		0.01	
	Liquid cartons	0.40		0.01	
	Cardboard non corrugated	9.68		0.29	
	Cardboard corrugated	10.08		0.30	
Plastic film	Refuse sacks and other plastic film	0.00	0.02	0.00	0.00
	Carrier bags and packaging film	0.02		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.08	0.00	0.00
	HDPE opaque and coloured bottles	0.06		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.01		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.02		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
Misc. combustible	Non reusable	0.00	0.00	0.00	0.00
	Reusable Shoes, belts and bags	0.00		0.00	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Misc. non-combustible	Other combustible	0.00	0.00	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	0.00	0.00	0.00
	Brown glass containers	0.00		0.00	
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Other glass	0.00	0.00			
Ferrous metal	Ferrous food and beverage cans	0.00	0.15	0.00	0.00
	Aerosols	0.15		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
Non-ferrous metal	Other ferrous	0.00	0.00	0.00	0.00
	Non-ferrous food and beverage cans	0.00		0.00	
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.00	0.00	0.00	0.00
	Raw fruit and vegetable matter	0.00		0.00	
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
Fines	Other putrescibles	0.00	0.00	0.00	0.00
WEEE	Particles <10mm	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	2.99	2.99
Contamination		1.13		0.03	

A15: ACORN 3I Plastic bottles, cans and glass recycling week 1 – Autumn 2009

Primary cats	Sub-category	ACORN 3I Plastic, Cans and Glass recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.00	0.86	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.15		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.20		0.00	
	Liquid cartons	0.40		0.00	
	Cardboard non corrugated	0.10		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.05	0.00	0.00
	Carrier bags and packaging film	0.05		0.00	
Dense plastic	PET clear and coloured bottles	12.51	25.43	0.07	0.14
	HDPE opaque and coloured bottles	10.95		0.06	
	PVC clear and coloured bottles	0.50		0.00	
	Other rigid plastic packaging	1.46		0.01	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
Nappies	0.00	0.00			
Misc. non-combustible	Other combustible	0.00	0.10	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.10	49.75	0.00	0.27
	Brown glass containers	0.00		0.00	
	Green glass containers	7.67		0.04	
	Clear glass containers	42.08		0.23	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Other glass	0.00	0.00			
Ferrous metal	Ferrous food and beverage cans	20.43	21.29	0.11	0.12
	Aerosols	0.86		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	2.02	2.17	0.01	0.01
	Aerosols	0.10		0.00	
	Foil	0.05		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.35	0.00	0.00
	Cooked or prepared food	0.35		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.55	0.55
Contamination		1.36		0.01	

A16: ACORN 3I Plastic bottles, cans and glass recycling week 2- Autumn 2009

Primary cats	Sub-category	ACORN 3I Plastic, Cans and Glass recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.18	0.23	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.05		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	4.33	0.00	0.05
	Carrier bags and packaging film	4.33		0.05	
Dense plastic	PET clear and coloured bottles	9.11	26.58	0.11	0.32
	HDPE opaque and coloured bottles	8.59		0.10	
	PVC clear and coloured bottles	0.48		0.01	
	Other rigid plastic packaging	7.37		0.09	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.55		0.01	
	Other rigid plastic	0.16		0.00	
Textiles	Other re usable rigid plastic items	0.32	0.00	0.00	0.00
	Re usable clothes	0.00		0.00	
Misc. combustible	Other reusable textiles	0.00	0.00	0.00	0.00
	Non reusable	0.00		0.00	
	Reusable Shoes, belts and bags	0.00		0.00	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Misc. non-combustible	Other combustible	0.00	0.00	0.00	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	54.95	0.00	0.67
	Brown glass containers	7.17		0.09	
	Green glass containers	20.05		0.24	
	Clear glass containers	27.17		0.33	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Ferrous metal	Other glass	0.55	11.01	0.01	0.13
	Ferrous food and beverage cans	8.54		0.10	
	Aerosols	2.34		0.03	
	Other packaging	0.14		0.00	
	Re usable ferrous items	0.00		0.00	
Non-ferrous metal	Other ferrous	0.00	2.91	0.00	0.04
	Non-ferrous food and beverage cans	2.45		0.03	
	Aerosols	0.00		0.00	
	Foil	0.46		0.01	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.00	0.00	0.00	0.00
	Raw fruit and vegetable matter	0.00		0.00	
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
Fines	Other putrescibles	0.00	0.00	0.00	0.00
	Particles <10mm	0.00		0.00	
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.21	1.21
Contamination		6.14		0.07	

Other reusable glass Drinks glasses

A17: ACORN 4 Residual waste – Autumn 2009

Primary cats	Sub-category	ACORN 4 Residual waste			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	2.91	13.18	0.23	1.04
	Directories and catalogues inc yellow pages	0.73		0.06	
	Junk mail and other recyclable paper	1.92		0.15	
	Paper packaging	0.82		0.06	
	Wall paper, tissues, hand towels, other non recyclable paper	2.34		0.18	
	Liquid cartons	0.34		0.03	
	Cardboard non corrugated	2.93		0.23	
	Cardboard corrugated	1.19		0.09	
Plastic film	Refuse sacks and other plastic film	1.84	6.33	0.14	0.50
	Carrier bags and packaging film	4.49		0.35	
Dense plastic	PET clear and coloured bottles	0.60	6.74	0.05	0.53
	HDPE opaque and coloured bottles	0.50		0.04	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	4.30		0.34	
	Polystyrene	0.22		0.02	
	Video tapes/ music tapes	0.06		0.00	
	CDs, DVDs	0.20		0.02	
	Other rigid plastic	0.79		0.06	
Textiles	Other re usable rigid plastic items	0.08	1.36	0.01	0.11
	Re usable clothes	0.13		0.00	
	Non reusable	1.23		0.10	
Misc. combustible	Reusable Shoes, belts and bags	1.30	8.61	0.10	0.68
	Wood and cork packaging	0.01		0.00	
	Wood and cork non packaging	0.70		0.05	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.63		0.05	
	Sanitary waste	0.75		0.06	
	Nappies	4.81		0.38	
	Other combustible	0.42		0.03	
Misc. non-combustible	Ceramics	0.28	0.49	0.02	0.04
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.22		0.02	
Glass	Brown glass containers	0.11	9.26	0.01	0.73
	Green glass containers	1.52		0.12	
	Clear glass containers	7.08		0.56	
	Plate glass	0.05		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.01		0.00	
	Other glass	0.48		0.04	
Ferrous metal	Ferrous food and beverage cans	1.12	1.87	0.09	0.15
	Aerosols	0.27		0.02	
	Other packaging	0.09		0.01	
	Re usable ferrous items	0.23		0.02	
	Other ferrous	0.16		0.01	
Non-ferrous metal	Non-ferrous food and beverage cans	0.51	1.32	0.04	0.10
	Aerosols	0.13		0.01	
	Foil	0.66		0.05	
	Other packaging	0.01		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.01		0.00	
Putrescibles	Raw fruit and vegetable matter	15.28	48.88	1.20	3.84
	Cooked or prepared food	18.53		1.46	
	Green garden waste	1.25		0.10	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	13.82		1.09	
Fines	Particles <10mm	1.46	1.46	0.11	0.11
WEEE	List	0.43	0.43	0.03	0.03
HHW	List	0.07	0.07	0.01	0.01
Total		100.00	100.00	7.86	7.86
Total potentially recyclable		19.93		1.57	

HHW Batteries
WEEE Lamps x 2, mouse x 2, toy, remote, camera, charger

A18: ACORN 4 Garden waste – Autumn 2009

Primary cats		ACORN 4 Garden waste			
Sub-category	Concentration %	kg/hh/week			
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Other re usable rigid plastic items	0.00	0.00			
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	100.00	0.00	0.36
	Cooked or prepared food	0.00		0.00	
	Green garden waste	73.77		0.26	
	Woody garden waste	26.23		0.09	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.36	0.36
Contamination		0.00		0.00	

A19: ACORN 4 Paper and card recycling – Autumn 2009

Primary cats	Sub-category	ACORN 4 Plastic and Cans recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	1.64	1.90	0.01	0.01
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.27		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.49	0.00	0.00
	Carrier bags and packaging film	0.49		0.00	
Dense plastic	PET clear and coloured bottles	21.26	44.92	0.11	0.23
	HDPE opaque and coloured bottles	14.37		0.07	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	8.71		0.04	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
Textiles	Other re usable rigid plastic items	0.57	0.00	0.00	0.00
	Re usable clothes	0.00		0.00	
	Other reusable textiles	0.00		0.00	
Misc. combustible	Non reusable	0.00	1.06	0.00	0.01
	Reusable Shoes, belts and bags	0.00		0.00	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
Misc. non-combustible	Other combustible	1.06	0.00	0.01	0.00
	Ceramics	0.00		0.00	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	0.93	0.00	0.00
	Brown glass containers	0.00		0.00	
	Green glass containers	0.00		0.00	
	Clear glass containers	0.93		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
Ferrous metal	Other glass	0.00	34.53	0.00	0.18
	Ferrous food and beverage cans	34.04		0.18	
	Aerosols	0.49		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
Non-ferrous metal	Other ferrous	0.00	14.59	0.00	0.08
	Non-ferrous food and beverage cans	13.79		0.07	
	Aerosols	0.71		0.00	
	Foil	0.09		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.00	1.59	0.00	0.01
	Raw fruit and vegetable matter	0.00		0.00	
	Cooked or prepared food	1.59		0.01	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
Fines	Other putrescibles	0.00	0.00	0.00	0.00
	Particles <10mm	0.00		0.00	
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.51	0.51
Contamination		6.54		0.03	

A20: ACORN 4 Plastic and cans recycling – Autumn 2009

Primary cats	Sub-category	ACORN 4 Paper and Card recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	55.05	97.23	1.10	1.95
	Directories and catalogues inc yellow pages	7.81		0.16	
	Junk mail and other recyclable paper	9.93		0.20	
	Paper packaging	0.37		0.01	
	Wall paper, tissues, hand towels, other non recyclable paper	1.41		0.03	
	Liquid cartons	0.19		0.00	
	Cardboard non corrugated	10.84		0.22	
	Cardboard corrugated	11.64		0.23	
	Plastic film	Refuse sacks and other plastic film		1.84	
Carrier bags and packaging film		0.32	0.01		
Dense plastic	PET clear and coloured bottles	0.00	0.61	0.00	0.01
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.61		0.01	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
	Ferrous metal	Ferrous food and beverage cans		0.00	
Aerosols		0.00	0.00		
Other packaging		0.00	0.00		
Re usable ferrous items		0.00	0.00		
Other ferrous		0.00	0.00		
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	2.00	2.00
Contamination		4.37		0.09	

A21: ACORN 5 Residual waste – Autumn 2009

		ACORN 5 Residual waste			
Primary cats	Sub-category	Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	1.21	11.95	0.13	1.26
	Directories and catalogues inc yellow pages	0.30		0.03	
	Junk mail and other recyclable paper	1.49		0.16	
	Paper packaging	1.10		0.12	
	Wall paper, tissues, hand towels, other non recyclable paper	4.66		0.49	
	Liquid cartons	0.26		0.03	
	Cardboard non corrugated	2.47		0.26	
	Cardboard corrugated	0.48		0.05	
Plastic film	Refuse sacks and other plastic film	0.82	6.06	0.09	0.64
	Carrier bags and packaging film	5.24		0.55	
Dense plastic	PET clear and coloured bottles	0.49	4.86	0.05	0.51
	HDPE opaque and coloured bottles	0.38		0.04	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	2.84		0.30	
	Polystyrene	0.21		0.02	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.06		0.01	
	Other rigid plastic	0.60		0.06	
Textiles	Other re usable rigid plastic items	0.27	3.16	0.03	0.33
	Re usable clothes	1.50		0.16	
	Other reusable textiles	0.00		0.00	
Misc. combustible	Non reusable	1.66	9.26	0.17	0.98
	Reusable Shoes, belts and bags	0.55		0.06	
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.42		0.04	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.20		0.02	
	Sanitary waste	0.00		0.00	
	Nappies	7.34		0.77	
Misc. non-combustible	Other combustible	0.75	0.72	0.08	0.08
	Ceramics	0.72		0.08	
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
Glass	Other non-combustible	0.00	1.43	0.00	0.15
	Brown glass containers	0.05		0.01	
	Green glass containers	0.04		0.00	
	Clear glass containers	1.31		0.14	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.02		0.00	
Ferrous metal	Other glass	0.01	3.63	0.00	0.38
	Ferrous food and beverage cans	1.44		0.15	
	Aerosols	0.18		0.02	
	Other packaging	0.50		0.05	
	Re usable ferrous items	0.00		0.00	
Non-ferrous metal	Other ferrous	1.51	0.85	0.16	0.09
	Non-ferrous food and beverage cans	0.32		0.03	
	Aerosols	0.00		0.00	
	Foil	0.50		0.05	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
Putrescibles	Other non-ferrous	0.02	55.53	0.00	5.86
	Raw fruit and vegetable matter	18.06		1.91	
	Cooked or prepared food	30.30		3.20	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
Fines	Other putrescibles	7.16	1.97	0.76	0.21
	Particles <10mm	1.97		0.21	
WEEE	List	0.36	0.36	0.04	0.04
HHW	List	0.23	0.23	0.02	0.02
Total		100.00	100.00	10.55	10.55
Total potentially recyclable		13.69		1.44	

WEEE Steamer base, toy, door bell, plug, calculator, plug socket
HHW Batteries, condom, ink cart

A22: ACORN 5 Garden waste – Autumn 2009

Primary cats	Sub-category	ACORN 5 Garden Waste			
		Concentration %	kg/hh/week		
Paper and card	Newspaper and magazines	0.00	0.00	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.00		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	100.00	0.00	0.85
	Cooked or prepared food	0.00		0.00	
	Green garden waste	92.00		0.78	
	Woody garden waste	8.00		0.07	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.85	0.85
Contamination		0.00		0.00	

A23: ACORN 5 Paper recycling – Autumn 2009

Primary cats	Sub-category	ACORN 5 Paper Recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	76.92	99.96	0.75	0.97
	Directories and catalogues inc yellow pages	11.85		0.12	
	Junk mail and other recyclable paper	10.56		0.10	
	Paper packaging	0.12		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.13		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.38		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.00	0.04	0.00	0.00
	Carrier bags and packaging film	0.04		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.97	0.97
Contamination		0.55		0.01	

A24: ACORN 5 Card recycling – Autumn 2009

Primary cats	Sub-category	ACORN 5 Cardboard recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.00	100.00	0.00	0.79
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	30.20		0.24	
	Cardboard corrugated	69.80		0.55	
Plastic film	Refuse sacks and other plastic film	0.00	0.00	0.00	0.00
	Carrier bags and packaging film	0.00		0.00	
Dense plastic	PET clear and coloured bottles	0.00	0.00	0.00	0.00
	HDPE opaque and coloured bottles	0.00		0.00	
	PVC clear and coloured bottles	0.00		0.00	
	Other rigid plastic packaging	0.00		0.00	
	Polystyrene	0.00		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.00		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.00	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.00		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.00	0.00	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	0.00	0.00	0.00	0.00
	Green glass containers	0.00		0.00	
	Clear glass containers	0.00		0.00	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.00		0.00	
Ferrous metal	Ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	0.00	0.00	0.00	0.00
	Aerosols	0.00		0.00	
	Foil	0.00		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	0.79	0.79
Contamination		0.00		0.00	

A25: ACORN 5 Plastic and cans recycling – Autumn 2009

Primary cats	Sub-category	ACORN 5 Plastic and Cans recycling			
		Concentration %		kg/hh/week	
Paper and card	Newspaper and magazines	0.00	0.07	0.00	0.00
	Directories and catalogues inc yellow pages	0.00		0.00	
	Junk mail and other recyclable paper	0.00		0.00	
	Paper packaging	0.00		0.00	
	Wall paper, tissues, hand towels, other non recyclable paper	0.00		0.00	
	Liquid cartons	0.00		0.00	
	Cardboard non corrugated	0.07		0.00	
	Cardboard corrugated	0.00		0.00	
Plastic film	Refuse sacks and other plastic film	0.01	0.21	0.00	0.00
	Carrier bags and packaging film	0.20		0.00	
Dense plastic	PET clear and coloured bottles	9.50	18.93	0.13	0.25
	HDPE opaque and coloured bottles	6.98		0.09	
	PVC clear and coloured bottles	0.07		0.00	
	Other rigid plastic packaging	2.36		0.03	
	Polystyrene	0.01		0.00	
	Video tapes/ music tapes	0.00		0.00	
	CDs, DVDs	0.00		0.00	
	Other rigid plastic	0.02		0.00	
	Other re usable rigid plastic items	0.00		0.00	
Textiles	Re usable clothes	0.00	0.00	0.00	0.00
	Other reusable textiles	0.00		0.00	
	Non reusable	0.00		0.00	
Misc. combustible	Reusable Shoes, belts and bags	0.00	0.04	0.00	0.00
	Wood and cork packaging	0.00		0.00	
	Wood and cork non packaging	0.04		0.00	
	Kitchen units	0.00		0.00	
	Reusable furniture	0.00		0.00	
	Non reusable furniture	0.00		0.00	
	Carpet, underlay and carpet floor tiles	0.00		0.00	
	Sanitary waste	0.00		0.00	
	Nappies	0.00		0.00	
	Other combustible	0.00		0.00	
Misc. non-combustible	Ceramics	0.28	0.28	0.00	0.00
	Hardcore	0.00		0.00	
	Other DIY rubble	0.00		0.00	
	Other non-combustible	0.00		0.00	
Glass	Brown glass containers	18.21	58.68	0.24	0.79
	Green glass containers	8.23		0.11	
	Clear glass containers	31.92		0.43	
	Plate glass	0.00		0.00	
	Other reusable glass items list	0.00		0.00	
	Light bulbs	0.00		0.00	
	Other glass	0.32		0.00	
Ferrous metal	Ferrous food and beverage cans	17.73	18.10	0.24	0.24
	Aerosols	0.36		0.00	
	Other packaging	0.00		0.00	
	Re usable ferrous items	0.00		0.00	
	Other ferrous	0.00		0.00	
Non-ferrous metal	Non-ferrous food and beverage cans	3.56	3.68	0.05	0.05
	Aerosols	0.00		0.00	
	Foil	0.12		0.00	
	Other packaging	0.00		0.00	
	Re useable non ferrous items	0.00		0.00	
	Other non-ferrous	0.00		0.00	
Putrescibles	Raw fruit and vegetable matter	0.00	0.00	0.00	0.00
	Cooked or prepared food	0.00		0.00	
	Green garden waste	0.00		0.00	
	Woody garden waste	0.00		0.00	
	Soil	0.00		0.00	
	Other putrescibles	0.00		0.00	
Fines	Particles <10mm	0.00	0.00	0.00	0.00
WEEE	List	0.00	0.00	0.00	0.00
HHW	List	0.00	0.00	0.00	0.00
Total		100.00	100.00	1.34	1.34
Contamination		59.32		0.79	