

Charging for Non-Household Waste at HWRCs – Update

Background

On the 1st November 2016, Staffordshire County Council (SCC) introduced a charging scheme for certain items of Non-Household Waste at all 14 of its Household Waste Recycling Centres (HWRCs). It was envisaged that the income received for these specific waste streams would contribute towards the overheads of providing the service for these materials, through the HWRC Contract, and deliver a financial saving in line with the approved medium term financial strategy (MTFS).

Prior to the introduction of the scheme, the likelihood of any increase in fly-tipping incidents, as a result of introducing the charges, was discussed with other local authorities who had implemented similar charging schemes. The results from this benchmarking exercise indicated minimal or no impact on fly-tipping as a result of charging for non-household waste.

Although this position was shared with local authorities in Staffordshire, the County Council remained committed to monitor the scheme closely with all District/Borough Councils and, at the last Joint Waste Management Board (JWMB) confirmed it would provide updates on the scheme, particularly in relation to levels of fly-tipping, at each quarterly meeting.

The content of this report is therefore a summary of the findings to date after two months of data following the introduction of charges at the HWRCs.

Data

All data can be seen in the appendices below, but for clarity, the information provided includes:

- Comparison of fly-tipping incidents from September to December 2015 with number of incidents between September and December 2016;
- The fly-tipping incidents compared in the same time period broken down by volume;
- The fly-tipping incidents broken down by material type and therefore what could be considered as chargeable non-household waste items;
- Residual waste tonnage delivered to both Energy from Waste facilities over the same time periods; and
- Residual waste tonnages accepted at the HWRCs over the same time periods.

However, there are a couple of caveats to consider when reviewing the data. Authorities across Staffordshire record mixed fly-tipped loads differently, with some recording a mixed load based on the material with the largest volume (e.g. mixed load with 10 fridges and one bag of rubble is recorded as fly-tipped fridges, thus missing the rubble) where as others record every single item in a mixed load. Therefore, this should be considered when reviewing the data.

In addition, South Staffordshire Council recently changed the way fly-tipped incidents are recorded and as a result, only 2016/17 data is provided.

Evaluation

While there is only two months of data to analyse, there is no indication that there has been an increased trend of fly tipping across Staffordshire, following the introduction of the charging scheme.

It is appreciated that there have been fluctuations when compared with 2015/16 data between the months of September and December, but the fluctuations experienced after the introduction of the charging scheme are consistent with the fluctuations experienced before the charging scheme.

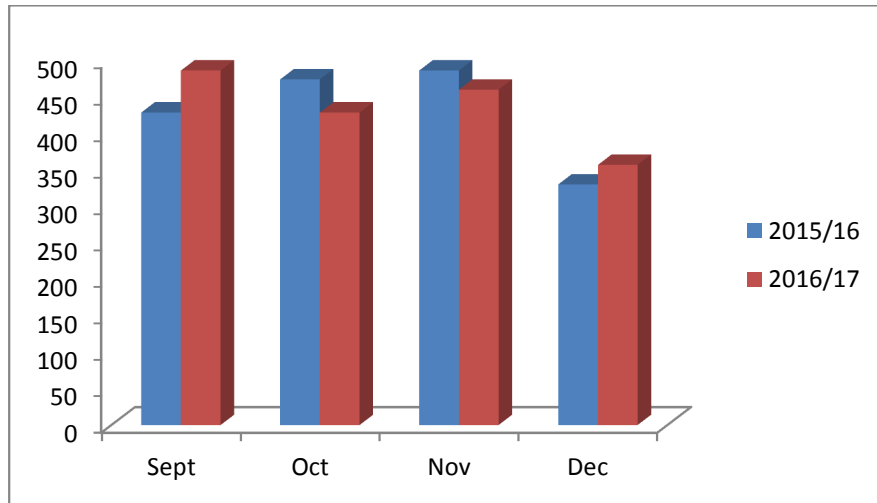
Similarly, the data also indicates that there has been an increase in residual tonnages through the HWRCs and at the W2R Energy from Waste facility when compared with 2015/16, however, these increases are consistent with rising waste trends experienced before the charging scheme was introduced.

Conclusion

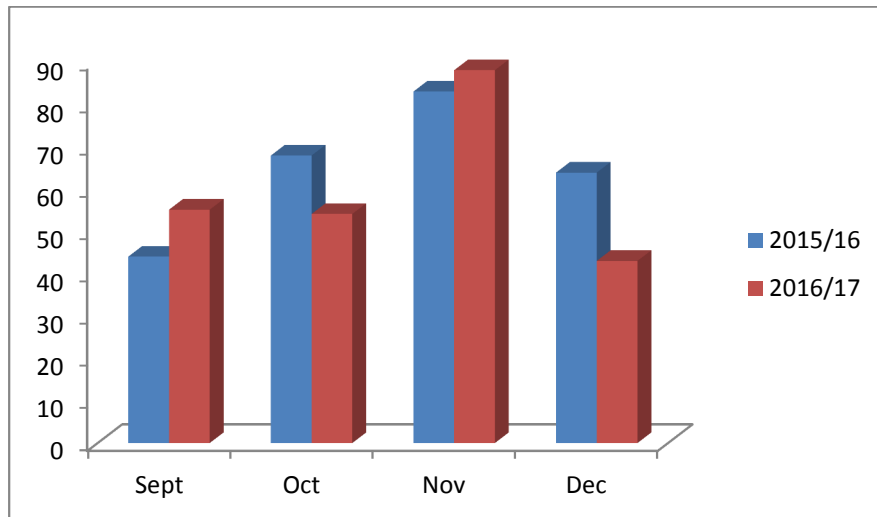
In conclusion, the current fly-tipping incident data remains similar to the trends experienced prior to the introduction of the charging scheme and this is consistent with data obtained from other authorities who have introduced a similar scheme. As agreed at the November JWMB the County Council will continue to work closely with District and Borough Councils to monitor this information, reporting back to the JWMB accordingly.

Appendix 1 – Summary data

Total number of incidents



Total number of incidents considered to be chargeable non-household waste items



Residual tonnages

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
W2R	8839	8649	8380	9270	9517	8770	9748	9654
Hanford	4978	5067	4945	5386	4684	4776	4900	4993
HWRC	851	821	769	872	981	1002	847	TBC

Appendix 2 – Cannock Chase District Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses	0	0	0	0	0		1	1
Green waste	4	0	1	1	3		2	
Vehicle parts	0	0	0	0	0			1
Fridges	12	12	8	10	8	8	8	6
Other electrical	0	0	0	0	0			
Tyres	3	1	2	2	1	1	2	
Asbestos	0	1	0	0	1			
Clinical	2	1	1	0	6	1		1
Construction/demolition/excavation	3	5	0	3	2		4	1
Black bags - commercial	1	1	0	0	0			
Black bags - household	0	0	1	1	0			1
Chemical drums	1	0	1	1	1			1
Other - household	25	27	13	13	33	18	20	21
Other - commercial	0	2	0	1	0			
Other	0	0	0	0	0			
Other White Goods-cookers, washers etc			0					
TOTAL	51	50	27	32	55	28	37	33
HWRC chargeable waste*	6	8	2	6	3	1	6	1

	2015/16					2016/17			
	Sept	Oct	Nov	Dec		Sept	Oct	Nov	Dec
Single Black Bag	6	5	2		4	1	2	3	
Single item	7	2	1		4	1	5	4	
Car boot load or less	7	3	6		8	7	6	9	
Small van load	27	30	10		32	14	19	14	
Transit van load	4	8	8		9	5	5	3	
Tipper truck load	0	2	0		0				
Significant/multiple loads	0		0		0				
TOTAL	51	50	27	0	57	28	37	33	
Potential Householder loads**	20	10	9	0	16	9	13	16	

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard.
This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.

Appendix 3 – East Staffordshire Borough Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses		0	0	0	0	1	0	0
Green waste		0	0	0	0	0	1	0
Vehicle parts		1	0	0	0	0	1	1
Fridges		9	7	5	22	14	5	5
Other electrical		2	2	2	1	2	0	0
Tyres		0	0	0	1	0	0	0
Asbestos		0	0	0	0	2	1	0
Clinical		0	0	0	0	0	0	0
Construction/demolition/excavation		3	1	0	2	1	4	1
Black bags - commercial		1	0	0	1	0	0	0
Black bags - household		2	1	3	2	0	3	4
Chemical drums		0	0	0	0	0	1	1
Other - household		12	21	13	7	8	13	7
Other - commercial		1	0	4	1	0	2	1
Other		11	4	5	30	9	5	8
Other White Goods-cookers, washers etc								
TOTAL		42	36	32	67	37	36	28
HWRC chargeable waste*		4	1	4	4	1	6	2

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Single Black Bag			2	0	0	3	0	
Single item		17	16	9	32	17	10	12
Car boot load or less		8	2	6	5	2	8	5
Small van load		13	8	8	8	5	7	5
Transit van load		1	1	0	21	9	8	3
Tipper truck load				2	1	1	2	3
Significant/multiple loads				0	0		1	
TOTAL		39	29	25	67	37	36	28
Potential Householder loads**		25	20	15	37	22	18	17

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard.
This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.

Appendix 4 – Lichfield District Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses	0	0	0	0	0			
Green waste	6	5	2	6	5	3	4	6
Vehicle parts	0	5	0	2	0	0	1	1
Fridges	11	3	5	8	4	4	6	5
Other electrical	1	1	0	0	0	0	0	0
Tyres	1	3	1	3	0	2	5	1
Asbestos	0	0	0	0	0	0	0	0
Clinical	0	0	0	0	0			0
Construction/demolition/excavation	10	6	5	6	3	0	9	1
Black bags - commercial	0	0	0	2	0			1
Black bags - household	5	6	0	0	3	1	1	5
Chemical drums	0	0	0	1	1			0
Other - household	14	8	9	10	11	8	9	7
Other - commercial	0	1	1	1	0	0	1	0
Other	0	0	1	5	0	0		1
Other White Goods-cookers, washers etc								
TOTAL	48	38	24	44	27	18	36	28
HWRC chargeable waste*	11	10	7	10	3	2	15	2

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Single Black Bag	10	0	0	0	0			
Single item	0	10	6	11	3	5	7	5
Car boot load or less	7	9	8	11	5	1	10	4
Small van load	16	11	8	15	10	6	13	14
Transit van load	11	5	1	5	7	3	5	2
Tipper truck load	2	0	1	2	1	2	1	3
Significant/multiple loads	2	3	0	0	1	1		
TOTAL	48	38	24	44	27	18	36	28
Potential Householder loads**	17	19	14	22	8	6	17	9

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard.
This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.

Appendix 5 – Newcastle-under-Lyme Borough Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses	3	9	8	5	3	6	3	3
Green waste	7	4	10	2	3	1	5	3
Vehicle parts		1			1	4	4	1
Fridges	10	6	11	8	2	8	8	14
Other electrical	1	2	2		1	3	3	3
Tyres	4	7	7	2	7	4	3	1
Asbestos	1		1		2			
Clinical			1	1				
Construction/demolition/excavation	3	4	6	1	2	3	8	5
Black bags - commercial		2	1	2	3	11	1	2
Black bags - household	63	43	65	21	39	40	55	29
Chemical drums	1							
Other - household	10	28	34	14	38	26	31	21
Other - commercial	1	8	35	11	1	6	16	10
Other	25	22	23	11	23	21	19	17
Other White Goods-cookers, washers etc	1	2	1		1		1	
TOTAL	130	138	205	78	126	133	157	109
HWRC Chargeable Waste*	8	19	48	14	10	13	27	16

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Single Black Bag	15	23	57	24	10	22	21	11
Single item	12	26	32	19	16	28	27	29
Car boot load or less	64	63	74	23	61	39	64	35
Small van load	24	19	29	10	25	34	33	27
Transit van load	14	3	8	1	14	8	10	5
Tipper truck load	1	4	2			1	1	2
Significant/multiple loads			3	1		1	1	
TOTAL	130	138	205	78	126	133	157	109
Potential Householder loads**	91	112	163	66	87	89	112	75

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard. This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.

Appendix 6 – South Staffordshire Council: Fly-tipping data

	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Animal Carcasses	0	0	0	0	0	0	0	0	2
Green waste	0	6	7	2	10	9	6	9	3
Vehicle parts	1	0	0	0	2	0	0	3	1
Fridges	4	3	5	6	8	9	13	11	8
Other electrical	0	0	0	0	0	0	0	2	1
Tyres	4	5	5	4	7	5	15	6	2
Asbestos	1	0	0	5	1	0	0	1	2
Clinical	0	0	0	0	0	0	0	0	1
Construction/demolition/excavation	3	4	9	6	10	10	3	6	5
Black bags - commercial	3	0	1	0	2	0	1	1	2
Black bags - household	8	10	10	4	17	13	15	11	13
Chemical drums	0	0	0	1	1	0	0	0	0
Other - household	12	20	35	9	27	23	23	25	14
Other - commercial	2	5	1	0	3	1	5	4	1
Other	1	0	0	0	0	1	0	1	0
Other White Goods-cookers, washers etc									
TOTAL	39	53	73	37	88	71	81	80	55
HWRC chargeable waste*	9	14	15	10	20	16	23	16	8

	2015/16					2016/17				
	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Single Black Bag						1				
Single item						2				
Car boot load or less						3				
Small van load						26				
Transit van load						34				
Tipper truck load						5				
Significant/multiple loads										

Reporting process changed in Q1 16/17. A new system is now picking up more cases, therefore only 16/17 reported to give accurate representation.

* **HWRC Chargeable waste** - taken of an indication what could have been influenced by charging, includes tyres, C&D and 'other commercial' which could include plasterboard.

This should be considered as a worst case scenario.

Appendix 7 – Stafford Borough Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses	0	0			0			
Green waste	5	4	4	1	0	4	1	3
Vehicle parts	0	0	2		0	1		2
Fridges	5	6		4	1	2	7	
Other electrical	2	1	1	3	2	1		1
Tyres	0		1	2	2	4	2	7
Asbestos	1		1		0	2	1	1
Clinical	0				0	1	1	1
Construction/demolition/excavation	3	9	7	6	3	7	8	7
Black bags - commercial	0				0		1	
Black bags - household	0				0	2		
Chemical drums	0	1	2		2		1	
Other - household	18	34	22	10	14	19	30	12
Other - commercial	0	1	3	3	1	2	4	
Other	0					1		
Other White Goods-cookers, washers etc								
TOTAL	34	56	43	29	25	46	56	34
HWRC chargeable waste*	3	10	11	11	6	13	14	14

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Single Black Bag	4	5	5	2	1	5	20	
Single item	15	27	20	17	8	13	6	16
Car boot load or less	7	10	10	4	7	15	14	10
Small van load	4	10	9	7	7	1	14	1
Transit van load	4	4	3		2	1	2	
Tipper truck load								
Significant/multiple loads								
TOTAL	34	56	47	30	25	35	56	27
Potential Householder loads**	26	42	35	23	16	33	40	26

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard. This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.

Appendix 8 – Staffordshire Moorlands District Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses			1	1				
Green waste	3	1	1	3	1	2	2	1
Vehicle parts		3	2					
Fridges								1
Other electrical		1	3		1			
Tyres	1	2			2	2	2	1
Asbestos	1	2	2		3	1		
Clinical					1			
Construction/demolition/excavation	2	1	3	8		4	3	2
Black bags - commercial		1						1
Black bags - household	2	8	7	5	4	5	4	5
Chemical drums							2	
Other - household	22	14	14	11	14	8	11	13
Other - commercial	3		3	2	1		1	
Other	14	8	6	4	3	8	5	11
Other White Goods-cookers, washers etc	1	4	4	2	2		1	
TOTAL	49	45	46	36	32	30	31	35
HWRC chargeable waste*	6	3	6	10	3	6	6	3

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Single Black Bag	7	0	1	0		1	3	
Single item	5	2	3	3	6	1	2	6
Car boot load or less	8	7	6	3	4	5	6	9
Small van load	14	25	19	10	9	6	12	12
Transit van load	9	8	8	13	9	8	6	5
Tipper truck load	2	3	9	7	3	3	1	2
Significant/multiple loads	4				1	3	1	1
TOTAL	49	45	46	36	32	27	31	35
Potential Householder loads**	20	9	10	6	10	7	11	15

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard. This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.

Appendix 9 – Tamworth Borough Council: Fly-tipping data

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Animal Carcasses								1
Green waste	9	4	4	1	11	2	0	2
Vehicle parts	3	4	3	4	4	4	0	5
Fridges	13	12	7	10	16	5	8	4
Other electrical		2	1	8	5	5	2	5
Tyres								
Asbestos								
Clinical			1					
Construction/demolition/excavation	8	12	6	2	16	12	7	3
Black bags - commercial	3	1	1	1	3	2	2	2
Black bags - household	4	4	4	4	11	8	4	3
Chemical drums				1	1	0	1	1
Other - household	73	64	76	41	77	91	76	62
Other - commercial	2	2	2	7	10	6	7	2
Other	2				0	2	0	1
Other White Goods-cookers, washers etc								
TOTAL	117	105	105	79	154	137	107	91
HWRC chargeable waste*	10	14	8	9	26	18	14	5

	2015/16				2016/17			
	Sept	Oct	Nov	Dec	Sept	Oct	Nov	Dec
Single Black Bag	0	0	0	0				
Single item	39	36	42	19	59	39	35	24
Car boot load or less	27	18	22	9	36	36	22	22
Small van load	44	43	44	23	46	43	46	33
Transit van load	6	7	8	11	11	16	5	10
Tipper truck load	1	1	1	3	0	3	4	1
Significant/multiple loads				1				
TOTAL	117	105	117	66	152	137	112	90
Potential Householder loads**	66	54	64	28	95	75	57	46

* **HWRC Chargeable waste** - taken as an indication of what could have been influenced by charging. Includes tyres, C&D and 'other commercial' which could include plasterboard.
This should be considered as a worst case scenario.

** **Potential Householder loads** - this includes single black bag, single item and car boot loads, larger loads excluded as more likely to be trade.