

Staffordshire Waste Partnership waste management matrix for 2014/15 - information collated June 2015

Council	Cannock Chase District Council	East Staffordshire Borough Council	Lichfield and Tamworth Joint Waste Service	Newcastle-under-Lyme Borough Council - New Service	Newcastle-under-Lyme Borough Council - Current Service	South Staffordshire District Council	Stafford Borough Council	Staffordshire Moorlands District Council	Staffordshire County Council	Stoke on Trent City Council
<b>Overview</b>										
Type of Waste Authority	Collection Authority	Collection Authority	Collection Authority	Collection Authority	Collection Authority	Collection Authority	Collection Authority	Collection Authority	Disposal Authority	Unitary Authority
Number of households served by the council	42000	49390	74000	54950	54950	46030	56950	43270	368,180	
Number of waste streams collected at kerbside	3	4	3	11	11	3	3	5		3
Stadnard free kerbside waste streams collected	Commingled dry recycling, garden and food combined, residual	Residual, garden and food, paper, commingled dry recyclables	Commingled dry recycle, garden waste, residual	Source separated recycling, separate food, separate garden and residual	Source separated recycling, separate food, separate garden and residual	Residual waste, garden waste and commingled dry recycle	Commingled, garden and residual	residual, recycling, paper, textiles, organic waste	N/A	Commingled, garden and food combined, residual
<b>Dry recycling materials scheme*</b>										
Primary Waste Stream	COMMINGLED	COMMINGLED	COMMINGLED	SOURCE SEPERATED	SOURCE SEPERATED	COMMINGLED	COMMINGLED	COMMINGLED		COMMINGLED
Materials collected	Card Paper Foil Plastic Bottles Glass Mixed cans Mixed plastics; pots/tubs/trays Plastic bottles Aerosols Tetrapak/ fruit juice artons	Foil Composites Glass Mixed cans Mixed plastics Plastic bottles Aerosols Waxed cartons	Card Plastic Bottles Glass Tetrapak Mixed cans Mixed plastics Plastics Aerosols	Card Plastic Bottles Glass Mixed Cans Aerosols Mixed Cans Batteries Textiles	Card Plastic Bottles Glass Mixed Cans Aerosols Small WEEE Batteries Textiles	Card Plastic Bottles Glass Mixed cans Mixed plastics Plastic bottles Aerosols	Card Mixed Cans Foil Aerosols Mixed Glass Mixed Plastics Waxed Cartons (Tetrapak)	cardboard plastics cans cartons aerosols & foil n/a n/a n/a		glass card plastics Mixed Cans Mixed plastics n/a n/a n/a
Container type - houses, communal properties (flats) and poor access properties	Households 240 or 360, flats 240 or 1100 (communal)	Wheeled bin 240 litres standard, with 360 litres offered, Communal EURO bin 1100 litres	Wheeled bin 240 litres, Communal EURO bin 360 litres, sacks	All seperately collected	All seperately collected	wheeled bins (communal properties) and small number of	Wheeled bin 240 litres, 1100 litres (some communal/schools)	terraces/flats with limited storage space - kerbside boxes, communal	N/A	n/a
Container colour	Blue	Blue	Blue		Blue	Blue	Blue	grey		n/a
Frequency of collection	Fortnightly	Fortnightly	Fortnightly	Weekly from July 2016	Fortnightly, to July 2016	Fortnightly	Fortnightly	Fortnightly		Wheeled bin 240 litres, green box-50 litres, sacks
Service provider	Biffa	In-house	In house	inhouse	Acumen, but in-house from mid 2016.	Biffa Municipal Ltd	Biffa	In house		Blue
If service outsourced, when does the contract end?	2016 - currently procuring	N/A	N/A	N/A	July 2016	31st March 2020	2018	N/A		Fortnightly
Secondary Waste Stream		PAPER loose paper/PAMS					PAPER	PAPER news & pams		Regen Waste & Sita 2015
Materials collected	N/A	Blue Bag (35 litres)	N/A	N/A	N/A	N/A	40 litre caddy (insert)	clear bag		n/a
Container type										
Frequency of collection		Fortnightly					Fortnightly	fortnightly		
Service provider		In-house					Biffa	In house		
If service outsourced, when does the contract end?		N/A					2018	N/A		
Secondary Waste Stream								Textiles		
Materials collected	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Material e.g. clothes, curtains, duvet covers etc		
Container type								clear sack		
Frequency of collection								fortnightly		
Service provider								In house		
If service outsourced, when does the contract end?								N/A		
<b>Organic waste recycling scheme*</b>										
Primary Waste Stream	GARDEN AND FOOD COMBINED	GARDEN AND FOOD COMBINED	GARDEN ONLY	GARDEN ONLY	GARDEN ONLY	GARDEN ONLY	GARDEN ONLY	GARDEN AND FOOD COMBINED		GARDEN AND FOOD COMBINED
Offered to	For all properties with gardens	Majority of properties with gardens	All properties with gardens	For all properties with gardens	For all properties with gardens	All properties. Most communal properties do not require this service	All properties	all properties		All properties with gardens, not offered to flats or poor access properties. Service runs from April to October only.
Container type - houses, communal properties (flats) and poor access properties	Wheeled bin 240 litres, not offered to flats or poor access properties	Wheeled bin 240 litres as standard. Additional bins (max.3) may be purchased at £40 each, one-off cost	wheeled 240l bins	Wheeled bin 240 litres, not offered to flats or poor access properties	Wheeled bin 240 litres, not offered to flats or poor access properties	240 litre wheeled bins	Wheeled bin 240 litres, not offered to flats individually - communally if needed.	terraces/flats with limited storage space - 25l caddy and paper sacks		Wheeled bin 240 litres
Materials collected	Organic waste; garden waste, food waste	Organic waste; garden waste, food waste	Garden organic waste	Garden organic waste	Garden organic waste	Garden organic waste	Garden organic waste	Organic waste; garden waste, food waste		Organic waste, garden waste, food waste
Frequency of collection	Fortnightly	Fortnightly	Fortnightly	Fortnightly	Fortnightly	Fortnightly	Fortnightly	Fortnightly		Fortnightly
Service provider	In house	In house	In house	In house	In house	Biffa Municipal Ltd	Biffa	In house		In house
If service outsourced, when does the contract end?	N/A	N/A	N/A	N/A	N/A	31st March 2020	2018	N/A		n/a
Secondary Waste Stream										
Offered to				FOOD ONLY All households apart from some flat locations	FOOD ONLY All households apart from some flat locations					
Container type - houses, communal properties (flats) and poor access properties	N/A	N/A	N/A	Kitchen Caddy and Kerbside Caddy	Kitchen Caddy and Kerbside Caddy	N/A	N/A	N/A		N/A
Materials collected				Waste Food	Waste Food					
Frequency of collection				weekly	weekly					
Service provider				In house & Contractor	In house & Contractor					
If service outsourced, when does the contract end?				In house from July 2016	July 2016, then all in house					
<b>Residual waste schemes</b>										
Waste Stream	GENERAL WASTE	GENERAL WASTE	GENERAL WASTE	GENERAL WASTE	GENERAL WASTE	GENERAL WASTE	GENERAL WASTE	GENERAL WASTE		GENERAL WASTE
Container type (in home)	households - wheeled bin 240 litres, Flats 2040 or 1100 (communal)	Wheeled bin 180 litres standard, with 240 litres offered, although majority of properties still have 240 litre. Large families have option to buy 360 at one off cost of £45 if struggling with waste. Communal EURO bin 1100 litres	wheeled bins, 140, 180, 240, 360 1100l, sacks	wheeled bin 180l - communal Euro bin for flats	wheeled bin 180l - communal Euro bin for flats	140l, 240l and 360l (no longer issued) wheeled bins, communal 240l, 660 1100l wheeled bins and sacks	Wheeled bin 180 litres, 240 litres, 360 litres, 1100 litres, sacks.	standard - 180l, terraces/flats with limited storage space - blue refuse sacks, communal - 1100l, 660l, 360l depending on size of development and storage available		Wheeled bin 180 litres, 240 litres, 360 litres, communal EURO bin 660 and 1100 litres, skips, sacks
Frequency of collection	Fortnightly	Fortnightly	Fortnightly	fortnightly	fortnightly	Fortnightly. Communal properties collected weekly	Fortnightly & Weekly	fortnightly		Weekly or fortnightly
Service provider	In house	In house	In house	In house	In house	Biffa Municipal Ltd	Biffa	In house		In house
If service outsourced, when does the contract end?	N/A	N/A	N/A	N/A	N/A	31st March 2020	2018	N/A		n/a
<b>Commercial waste service</b>										
Residual waste collection?	yes	Yes	Yes (Lichfield only)	yes	yes	No	n/a	Yes		Yes
Recycling collection?	no	Yes	Yes (Lichfield only)	yes	yes	No	n/a	Yes to some properties i.e. schools		No
Materials collected for recycling	n/a	Paper and Card	Same as domestic	yes	yes	N/A	n/a	paper, cardboard, glass, cans, plastics, food and garden waste		n/a
<b>Bring Banks</b>										
Number of bring banks	5 commingled, 1 glass and paper separate	26 sites (under review)	Tamworth 34 Lichfield 25	15	15	16 Sites	24	27 sites, varying bank numbers on each site		48
List of materials collected	Same as kerbside - Comingled	Comingled (glass, cans, plastics, card, waxed cartons) skip banks & euros, paper, card, textiles, small WEEE	paper, glass, textiles	as kerbside collection above	as kerbside collection above	Paper, glass, textiles and books	Paper, Cans, Cardboard & Mixed Glass, Textiles	glass, cans, plastics, textiles, paper		Paper, textiles & shoes, tetrapacks
Service provider	In house for comingled, berryman for glass and palm for paper	In-house (comingled), Saica Natur (paper/card), textiles (Wilcox), small WEEE collected in house and delivered to CA site	N/A	In house fro July 16	Acumen until July 16	Palm Recycling Ltd, Berryman and JMP Wilcox Ltd	Biffa & Downings & Wilcox	Glass - Berryman, paper and plastics/cans - Saica Natur, textiles - JMP Wilcox		Palm Recycling, Oxfam, ERC
Bulky waste collected at kerbside?	yes pre booked	Yes	Yes	yes	yes	Yes	Yes	Yes		Yes
Charges	£17.50	£20.00 for up to 6 items then £5 per item up to a maximum of 10 items. Fridges and freezers are £20.00 per unit and up to a maximum of 3 can be collected.	Yes - £15 first item	Free if reusable	Free if reusable	£15 for every 3 items, with a maximum of 9 items collected	£36 for up to 3 items/£18 if in receipt of benefits	1-3 items = £35, 4-6 items = £55, 7-9 items = £70, additional items £10 each		Standard bulky price £15 for 5 items. Hourly rates can vary from £32 to £255 and depends on the tonnage and kind of material collected.
Service provider	In house	In-house	In house	Furniture Mine	Furniture Mine	Biffa Municipal Ltd	Biffa	Furniture Mine		In house

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<b>Tonnages (Kerbside collection services - Yield in kg per household per year)</b>											
Commingled	68.22	183kg	300kg								
Paper	34.76	37kg					91.54	49	70.9		37.00
Card	12.06						27.67	61	20.64		19.00
Cans	79.80						11.33	12	15.1		11.00
Glass	13.27						69.88	77	40.29		33.00
Plastic bottles	17.13						29.83	13	16.83		n/a
Mixed plastic packaging	0.00							8	13.17		22.00
Textiles	32.53						0.00	0.03	0.72		0
Residual waste	430.28	442kg	448kg				461.02	431	382.74		542.00
Organic waste - garden only	0.00						288.34	249	n/a		n/a
Organic waste - garden and food combined	212.13	248kg					N/A	N/A	281.8		136.00
Organic waste - food only	0.00						N/A	N/A	n/a		n/a
Percentage of household waste sent for recycling (%)	28.63	24.95%	29.8				25.44%	24.48	23.21		100
Percentage of household waste sent for composting (%)	23.57	26.68%	24.4				28.69%	30.33	31.95		100
<b>HWRCs</b>											
Paper (Annual Tonnage)										592	167.99
Cardboard (Annual Tonnage)										2,532	569.64
Glass (Annual Tonnage)										214	58.99
Organic - garden only (Annual Tonnage)										10,660	1590.9
Plastic bottles (Annual Tonnage)										8	5.74
Textiles (Annual Tonnage)										650	128.18
WEEE - Small (Annual Tonnage)										1,907	398.82
WEEE - Large (Annual Tonnage)										695	168.66
Other recyclables											8,127.48
Reuse (Annual Tonnage)										340	n/a
Residual (total Annual Tonnage)										19,076	8,555.00
Number of material streams offered										32	25
Commercial waste service (y/n)										Yes	No
Service provision (number of sites)										14	2
Service Provider										FCC Environment	FCC Environmental Ltd and MESE Ltd
Percentage of household waste sent for recycling (%)										TBC	100 % of recyclables collected at the site is sent for recycling
Percentage of household waste sent for composting (%)										TBC	100 % of compostables collected at the site is sent for composting
<b>Budgets</b>											
Annual waste budget (£)	£1,468,040	£1,792,068	£3,440,940		includes all direct costs	includes all direct costs	£3,323,417	£3.5 Million	£2,793,303	£19,276,970	
Annual recycling credit income (£)	£912,840	£1,151,016	£1,899,300		£1,119,000	£1,040,000	£1,181,250	£1.3 Million	£914,739	N/A	£780,000
Annual recycling credit budget (£)										£7,638,950	
Annual recycling sale income (£)	£6,351	£80,000 (2014/15 - former contract) £300k estimate (new contract)	14700 - Does not reflect impact of new MRF contract		£800,000	£300,000	0	N/A	£144,893	N/A	£139,480 *
Annual HWRC budget (£)										£3,745,280	£3,727,000
Annual disposal budget (£)	£35,600 ****	£0	494020 - Does not reflect impact of new MRF contract	1.35 million assuming £65t gate fee	£440,000	£440,000	N/A	N/A	£736,427	£7,892,740	£7,247,000 **
Annual commercial collection income (£)	£119,580	£140,000	£292,670		£440,000	£440,000	N/A	N/A	£427,591	N/A	£864,611
Total cost of dry recycling collection service(s) (£)		approx £1.M					Our collection contract is integrated and therefore figures are not readily available for individual waste streams	£1.12 Million	N/A		
Total cost of Dry recycling & food collection service (£)	£676,133		£1,167,644		£315,000	£390,000			N/A	N/A	£618,000
Total cost of food collections (£)						£640,000				N/A	
Total cost of organic collection service(s) (£)	£790,194	approx. £0.9M	£191,320		£420,000	£420,000		£744,500	N/A	N/A	£396,972
Total cost of Trade Waste Collection Service					£165,000	£165,000			N/A	N/A	
Total cost of residual collection service (£)	£631,703	approx. £1M	£2,081,976		£980,000	£980,000		£1.385 Million	N/A	N/A	£1,924,858
Total cost of all collection services (£)	£1,421,897	£2,943,084	£3,440,940		£1,545,000	£2,260,000		£3.2 Million	£2,442,783	N/A	£516,984
<b>Processing / treatment / disposal*</b>											
Processing of dry recycling - method	Sorted at MRF	MRF	MRF			bulking	Material Recycling Facility (MRF)	MRF	MRF for commingled recyclables, paper and textiles go direct to reprocessors	Via FCC Contract	Processing
Processing of dry recycling - contractor and location	BIFFA Aldridge	Biffa Waste Services Ltd, Aldridge	Biffa - Aldridge MRF	N/A	N/A		Biffa Waste Services Ltd: Aldridge	Biffa, Aldridge	Viridor Resource Management, Kent for MRF, paper sent to either Palm Recycling, Kings Lynn or UPM, Deeside, textiles sent to Bilston, West Midlands	Via FCC Contract	Regen Waste - Northern Ireland & SITA UK - Birmingham
Processing of dry recycling - gate fee (£)	£20.47 (as of April 2015) ***	£45.93/t commingled, £22.07/t paper (both include haulage). Income on 50% share	£29.72 less income 50% Share	N/A	N/A		£20.47 per tonne	Not Known	£4 pt	Via FCC Contract	£59.90 at Regen Waste and £60.00 at SITA UK
Processing of dry recycling - contract start and end dates	April 2015 - March 2025	01/04/2015 (7 years plus 3)	1/04/15 to 31/03/22	N/A	N/A		1st April 2015 - 31st March 2022	2008-2018	1/9/2007-31/8/2015	Via FCC Contract	Regen Waste Apr 15 - Oct 15; SITA UK - no formal contract
Organic treatment - method	In-Vessel	IVC	Windrow Composting + IVC The JWS is committed to taking 4,000 tonnes per annum to Etwell Greener Composting at Wall, Biffa Waste at Etwell	currently in procurement	open windrow		Windrow	Open Windrow	IVC	Via FCC Contract	Processing
Organic treatment - contractor and location	Jack Moody - Sharesill	Biffa Waste Services Ltd, Aldridge		currently in procurement	Aerobic Digestion		Simpro: Coven	Elford, Staffs	Vital Earth UK Ltd, Ashbourne	Via FCC Contract	Vital Earth, Ashbourne, Derbyshire
Organic treatment - gate fee (£)	£35.00**	£49.29/t	£20 Windrow £48 IVC	currently in procurement	Simpro Acton Newcastle		£19.29	£18.45	£40pt if collected from Leek WTS, £43 pt if collected from Adderley Green WTS, £6.70pt haulage costs incurred from either site	Via FCC Contract	Vary from £38.86 to £54.31 depends on material (green waste only or mixed green waste and food)
Organic treatment - contract start and end dates	New contract due April 2016	1 April 2007 - 31 March 2017	13/10/15 to 12/10/21 Windrow 01/04/07 to 31/03/17 IVC	currently in procurement	Lower Reule Four Ashes		1st June 2012 to 31st March 2020	2014-2016	current 1/7/2007-30/6/2015, new 1/7/2015-30/6/2018 (option for 2 further 3 yr extensions upto 2024)	Via FCC Contract	start date 2010, end date 2020
Incineration - method	Residual	N/A	N/A	currently in procurement	£25 t		incineration with energy recovery	EPW	Elw	Two facilities	Disposal
Incineration - contractor and location	Veolia - Four Ashes	N/A	N/A	currently in procurement	£54 including transport		Veolia ES Ltd: Four Ashes	MES, Stoke & W2R, Four Ashes	MESE Hanford	Hanford (MES, E/Hanford Waste Services) and Four Ashes (Veolia)	Hanford Waste Services Ltd
Incineration - gate fee (£)	N/A	N/A	N/A	mid 2016 to 2024	2010 to mid 2016		TBC by Staffordshire County Council	Not Known	N/A	Various	Vary from £50.82 to £53.66 and depends on calorific value of the material disposed.
Incineration - contract start and end dates	N/A	N/A	N/A				TBC by Staffordshire County Council	N/A	N/A	Hanford end date: 2020, W2R end date: 2039 (option to extend for 5 years)	start date 1995, end date 2020
<b>Other information</b>											
Total number of staff employed in waste	23 in house operatives plus 1 supervisor and 1 admin post; Biffa: 9 operatives on recycling plus 1 supervisor and 1 contract manager. FTE officers 1, FTE managers 1, PTE officers 2 (cover other areas).	Environment Manager (0.4 FTE), 1 Waste Minimisation Officer, 1 Operations Manager, 1 Supervisor, 39 Drivers plus crew. 1 Transport Manager	3 Managers, 3 Supervisors, 2.5 Admin, 2 Recycling Officers and 72 Operatives	81 operations, 7 officers / admin / managers	in house - 49 operations and 5 officers / admin / managers, contractor - 33 operations, 3 support / managers	2 x FTE officers	Biffa - 60, SBC - 4 officers / managers	60 in total - 49 front line workforce, 5 management/supervisors, 6 Officers.	9.5 FTE officers / managers		95.85 FTE
Total number of vehicles (delivering aforementioned collection services)	12	15 total. 8no. 26t RCVs, 5no. 26t split compact RCVs, 1no. 12t RCV, 1no. 3.5t caged vehicle	22 RCVs in Summer 20 in Winter	27	30		12 x mainline RCVs, 1.5 x 12 tonne RCVs, 1 x caged non compact vehicle	23	20 RCVs of differing sizes and configuration, 1 transit van, 2 transit tippers, 4 vans (Supervisor and Recycling promoter)	N/A	44 (includes plant)
<b>Additional information</b>											
Comments	*** Organic gate fee will change in April 2016 due to new contract and possible change in service *** No gate fee payable in 2014, however the rate of £20.47 per tonne applicable from April 2015 (Approx 11,000 tonnes p.a.) **** trade waste only										
<b>HEADLINE FIGURES</b>											
Total cost of waste collection (all streams) per authority	£1,421,896	£2,943,084	£3,440,940				£2,260,000.00	£2,071,992.94	£3.5 Million	£2,442,783	£3,573,362
Total cost of waste collection (all streams) per household	£33.85	£59.59	£45.28 including capital charges and IAS 19 Pension adjustment				£41.13	£45.01	£61	£56.45	£31.35
Total cost of waste disposal to the WCA (all streams) per authority	£35,600							£258,300 (green only)	£657,368	£14,569,119	£5,269,832
Total cost of waste disposal to the WCA (all streams) per household	£0.85							£4.5 per per household (green only) Dry included in collection cost	£15.19	£39.57	£46.24
Total cost of waste disposal to the WDA (all streams) per authority	£1,661,176	£1,954,394	£3,221,050				£2,173,615	£1,821,437	£2,253,548	£1,712,222	N/A
Total cost of waste disposal to the WDA (all streams) per household	£39.55	£39.57	£43.53				£39.56	£39.57	£39.57	£39.57	N/A

NOTE - exercise caution with these figures, as there is no clear methodology, many IAs will calculate data differently and this will naturally skew, positively or negatively, their final out-turns.