

## Somerset Waste Partnership - Recycling Tracker 2021/22

**SOMERSET WASTE PARTNERSHIP** manages waste and recycling services on behalf of all local authorities in Somerset: Mendip District Council, Sedgemoor District Council, Somerset County Council, South Somerset District Council, Somerset West and Taunton Council.



<b>Totals (tonnes):</b>	<b>All recycling and waste collected:</b>	271,019.12	<b>Percentage of household waste sent for reuse, recycling or composting (NI-192) - 56.22%</b>	<b>Reprocessed in the UK - 97.24%</b>
	<b>Total exported:</b>	4,142.03		<b>Carbon saved by recycling instead of landfill, calculated using WRAP's Carbon WARM metric - 133,633 (Tonnes CO<sub>2</sub> equivalent)</b>
	<b>Total reused:</b>	2,170.99	<b>Exported within EU - 0.47%</b>	
	<b>Total recycled:</b>	147,809.36	<b>Exported outside EU - 2.29%</b>	
	<b>Total recovery (wood):</b>	8,392.40	<b>Percentage of household waste sent to energy recovery - 36.91%</b>	<b>Plastic packaging recycled - 5770.58 tonnes</b>
	<b>Total recovery (residual):</b>	100,035.79	<b>Percentage of municipal waste sent to landfill (NI-193) - 4.63%</b>	<b>Plastic packaging exported - 0.64%</b>
	<b>Total landfill:</b>	12,566.54	<b>Residual waste per head (NI-191) - 418.20 kg</b>	

Material	Source	Tonnage	Exported (Tonnes)	Where did it go?	What happened to it?
<b>Paper</b>	Kerbside Recycling and Schools (SUEZ)	3,066.52	0.00	Palm Paper Ltd - Kings Lynn, Norfolk	Reprocessed into 100% recycled paper for newsprint
		234.34	0.00	UPM Kymmene (UK) Ltd - Shotton, North Wales	
	Recycling Centres (Viridor/Biffa)	201.77	0.00	D S Smith Recycling UK Ltd - Sittingbourne, Kent	Reprocessed into new paper and cardboard products.
		28.20	0.00	UPM Kymmene (UK) Ltd - Shotton, North Wales	
		8.72	8.72	Export to Recovered Paper Management - Mainz - Germany	
		8.63	8.63	Export to Recovered Paper Management - Arnsberg-Muschele - Germany	
		5.31	0.00	BIFFA Waste Services - Cardiff MRF, South Wales	
4.55	4.55	Export to Recovered Paper Management - Unterm Klausknapp, Marsberg - Germany			
<b>Cardboard</b>	Kerbside Recycling and Schools (SUEZ)	11,167.62	0.00	D S Smith Recycling UK Ltd - Sittingbourne, Kent	Reprocessed into new cardboard products.
		7,103.08	0.00	Smurfit Kappa Recycling UK - Snodland, Kent	
		242.08	0.00	D S Smith Recycling UK Ltd - Avonmouth, Bristol	

<b>Mixed paper and cardboard</b>	Kerbside Recycling and Schools (SUEZ)	293.45	293.45	Viridor - Export via Recovered Paper Management to Siam Kraft Industry Company Limited - Thailand	Reprocessed into new paper and cardboard products.
		46.05	46.05	Export via Waste Paper Trade CV to Vina Kraft Paper Co Ltd - Vietnam	
		37.59	37.59	Export via Cycle Link UK to Khoi Nguyen Paper Ltd - Vietnam	
		36.41	36.41	Export via Materials Recycling and Consultancy to Schoellershammer Gmbh - Germany	
		36.15	36.15	Export via Recovered Paper Management Ltd to Vina Kraft Paper Ltd - Vietnam	
		28.62	28.62	Viridor - Export via Vipa Lausanne S.A. to Modern Karton Sanayi VE Ticaret A.S. - Turkey	
		19.59	0.00	UPM Kymmene (UK) Ltd - Shotton, North Wales	
	Recycling Centres (Viridor/Biffa)	1,483.92	1,483.92	Viridor - Export via Recovered Paper Management to Siam Kraft Industry Company Limited - Thailand	
		561.84	561.84	Export via Recovered Paper Management Ltd to Vina Kraft Paper Ltd - Vietnam	
		387.90	387.90	Export via Cycle Link UK to Khoi Nguyen Paper Ltd - Vietnam	
		366.64	0.00	UPM Kymmene (UK) Ltd - Shotton, North Wales	
		325.14	325.14	Viridor - Export via Vipa Lausanne S.A. to Modern Karton Sanayi VE Ticaret A.S. - Turkey	
		186.07	186.07	Export via Materials Recycling and Consultancy to Hamburger Rieger - Germany	
		149.19	149.19	Export via Materials Recycling and Consultancy to De Hoop Paper Mill - Netherlands	
		130.47	130.47	Export via Waste Paper Trade CV to Cheng Loong Binh Duong Paper Co. - Vietnam	
		128.73	128.73	Export via Materials Recycling and Consultancy to Schoellershammer Gmbh - Germany	
		106.98	106.98	Export via Materials Recycling and Consultancy to Papierfabrik Niederauer Muhle - Germany	
		83.29	0.00	D S Smith Paper Ltd - Sittingbourne, Kent	
		74.62	0.00	BIFFA Waste Services - Cardiff MRF, South Wales	
		70.24	70.24	Export via Waste Paper Trade CV to Vina Kraft Paper Co Ltd - Vietnam	
		32.14	32.14	Export via Recovered Paper Management Ltd to GS Paperboard and Packaging - Malaysia	
		25.77	25.77	Export via Ekman Recycling Limited to Hamburger Rieger - Germany	
		19.37	0.00	BIFFA Waste Services - Chelson Meadow MRF, Devon	
		16.57	16.57	Export via Materials Recycling and Consultancy to Rowe Gesellschaft - Germany	

<b>Glass bottles and jars</b>	Kerbside Recycling and Schools (SUEZ)	17,913.21	0.00	Recresco Ltd - Cwmbran, South Wales	Sorted and crushed for use in remelt applications such as new glass bottles and jars and fibreglass.
		1.65	0.00	Viridor Ltd - Sheffield	
		1.23	0.00	URM (UK) Ltd - West Yorkshire	
	Recycling Centres (Viridor/Biffa)	391.84	0.00	URM (UK) Ltd - West Yorkshire	
		247.68	0.00	Viridor Ltd - Sheffield	
46.21	0.00	Sibelco Green Solutions UK Limited - South Yorkshire			
<b>Steel and aluminium cans and foil</b>	Kerbside Recycling and Schools (SUEZ)	1,037.22	0.00	AMG Resources Ltd - Llanelli, South Wales	Cans are sorted, baled and sold to reprocessors. The recovered steel is made into a number of materials such as car doors, fridge panels and construction steel. Aluminium is smelted into aluminium ingots for production of new aluminium products
		887.36	0.00	Real Alloy UK Ltd - Swansea, South Wales	
		317.43	0.00	Morris & Co Handlers Ltd - Port Talbot, South Wales	
		221.69	0.00	Sims Group UK Ltd - Port Talbot, South Wales	
		140.49	0.00	GLJ Recycling Ltd - Barry, South Wales	
		86.41	0.00	S W M & Waste Recycling Limited - Barnstaple, Devon	
		80.94	0.00	Alutrade Ltd - Oldbury, West Midlands	
		26.54	0.00	City Metals Recycling Ltd - West Bromwich, West Midlands	
		13.66	0.00	Acetech Metals Ltd - Scunthorpe, North Lincolnshire	
		8.27	0.00	ASM Metal Recycling Ltd - Aylesbury, Buckinghamshire	
	1.42	0.00	Novelis UK Ltd - Warrington, Cheshire		
Recycling Centres (Viridor/Biffa)	1.28	0.00	ASM Metal Recycling Ltd - Buckinghamshire		
<b>Plastic bottles</b>	Kerbside Recycling and Schools (SUEZ)	2,215.75	0.00	J & A Young - Corby, Northamptonshire	Plastic bottles are sorted, graded and shredded. Pellets are then sold on to manufacturers for recycling into items such as plastic food packaging, plastic strapping, films, pipes, compost bins and fleece jackets
		1,038.05	0.00	Roydon Group PLC - Swinton, Manchester	
		905.61	0.00	BIFFA Seaham PRF - Seaham, County Durham	
		341.32	0.00	BIFFA Polymers Ltd - Redcar, Yorkshire	
		246.42	0.00	Rochester Plastic Recovery Facility - Rochester, Kent	
		126.17	0.00	Clean Tech Europe Limited - Hemswell, Lincolnshire	
		100.96	0.00	Agri-Cycle UK Ltd - Market Rasen, Lincolnshire	
		89.30	0.00	Monoworld Recycling Ltd - Rushden, Northamptonshire	
		25.35	0.00	Pro Environmental - Kent	
		19.01	0.00	Plasgran Ltd - Wimblington, Cambridgeshire	
		17.57	17.57	Wellman Recycling - Gelderland, Netherlands	
		0.40	0.40	R3natura LDA - Portugal	
		5.80	0.00	J & A Young - South Normanton, Derbyshire	
		5.44	5.44	P.I. La Pahilla - Spain	
		5.80	0.00	Brightgreen Plastics Ltd - Castleford, West Yorkshire	
		4.45	0.00	Polypipe Ltd - Horncastle, Lincolnshire	
		1.34	1.34	EkoPartner Silesia Sp. z o.o. - Poland	
1.34	1.34	UAB Eko Perdirbimas - Lithuania			

<b>Plastic pots, tubs and trays</b>	Kerbside Recycling and Schools (SUEZ)	306.95	0.00	BIFFA Waste Services Ltd - Washington, Tyne and Wear	Plastic pots, tubs and trays are sorted into different polymer types. The different types are shredded, turned into pellets and sold on to manufacturers for recycling into new plastic items.
		68.20	0.00	BIFFA Polymers Ltd - Redcar, Yorkshire	
		12.46	0.00	BIFFA Poplars - Cannock, Staffordshire	
		8.89	0.00	Plasgran Ltd - Wimblington, Cambridgeshire	
		8.51	0.00	BIFFA GS Environmental Ltd - Aldridge, West Midlands	
		8.28	0.00	Polypipe Ltd - Horncastle, Lincolnshire	
<b>Plastic bottles and plastic pots, tubs and trays</b>	Recycling Centres (Viridor/Biffa)	10.81	10.81	R3natura LDA - Portugal	Plastic pots, tubs and trays are sorted into different polymer types. The different types are shredded, turned into pellets and sold on to manufacturers for recycling into new plastic items.
		81.42	0.00	BIFFA GS Environmental Ltd - Aldridge, West Midlands	
		70.94	0.00	Rochester Plastic Recovery Facility - Rochester, Kent	
<b>Drinks cartons and Tetra Pak</b>	Kerbside Recycling and Schools (SUEZ)	54.22	0.00	Sonoco Recycling - West Yorkshire	Cartons are pulped, and then aluminium and polythene separated off. The paperboard fibre is recycled into new paper and cardboard products. The remaining mix of plastic and aluminium is used in furniture, to generate energy or separated into pure aluminium
	Recycling Centres (Viridor/Biffa)	25.82	0.00	Sonoco Recycling - West Yorkshire	
<b>Food waste</b>	Kerbside Recycling and Schools (SUEZ)	23,384.99	0.00	Cannington Bio Energy - Cannington, Somerset	Food waste digested anaerobically to produce a biofertiliser used on agricultural land and biogas used to generate electricity
<b>Garden waste</b>	Kerbside Recycling and Schools (SUEZ)	10,941.04	0.00	Viridor Walpole - Somerset	Composted in Windrows to produce REVIVE compost which is sold at recycling centres for domestic use and in bulk for agricultural use
		9,157.12	0.00	Viridor Dimmer - Somerset	
		202.34	0.00	Viridor Priorswood - Somerset	
	Recycling Centres (Viridor/Biffa)	11,491.82	0.00	Viridor Walpole - Somerset	
		7,296.60	0.00	Viridor Dimmer - Somerset	
		6,236.71	0.00	Viridor Priorswood - Somerset	

<b>Textiles and shoes</b>	Kerbside Recycling and Schools (SUEZ)	72.95	0.00	JMP Wilcox & Co. - West Midlands	Clothing is sorted and graded in the UK. Good condition is sent for reuse in the UK and developing countries. Non-reusable clothing and textiles are shredded to be made into cotton felt/wadding/mops/dusters and industrial wiping cloths. The shoes are sent to developing nations to be refurbished and reused.
	Third Party Recycling Banks	860.35	0.00	Salvation Army, SOEX UK	
<b>Textiles</b>	Recycling Centres (Viridor/Biffa)	743.85	0.00	JMP Wilcox & Co. - West Midlands	Clothing is sorted and graded in the UK. Good condition is sent for reuse in developing countries. Non-reusable clothing and textiles are shredded to be made into cotton felt/wadding/mops/dusters and industrial wiping cloths.
<b>Shoes</b>	Third Party Recycling Banks	7.39	0.00	SOEX UK - Surrey	Shoes are sorted and graded in the UK. Good condition shoes are sent to developing nations to be refurbished and reused. Those not suitable for reuse are sent for recycling where they are broken down into constituent parts and recycled.
	Recycling Centres (Viridor/Biffa)	57.47	0.00	SOEX UK - Surrey	
<b>Furniture and Bric-a-brac</b>	Third Party Reuse Groups	141.43	0.00	Engage West Somerset, Fair Frome Furniture Bank, Furnitrust	Sold on by each organisation for reuse at low prices to people in their areas on benefits or with low incomes
<b>Bric-a-brac</b>	Recycling Centres (Viridor/Biffa)	287.55	0.00	Sent to various local outlets via collection agents at each recycling centre	Sold for reuse
<b>Household Batteries</b>	Kerbside Recycling and Schools (SUEZ)	20.02	0.00	HJ Enthoven Ltd - West Midlands	Batteries separated into different fractions, i.e. metal and plastic for reuse in manufacturing
	Recycling Centres (Viridor/Biffa)	43.87	0.00	HJ Enthoven Ltd - West Midlands	
<b>Automotive batteries</b>	Recycling Centres (Viridor/Biffa)	203.45	0.00	J.C. Thomas & Sons - Somerset	Separated into fractions and re-processed into new batteries or reused as raw material i.e. scrap metal and plastic

<b>Fridges and Freezers</b>	Recycling Centres (Viridor/Biffa)	938.40	0.00	Sims Group UK Ltd - Newport, South Wales	Broken down into separate components for recycling (metals, plastics, compressor). CFCs extracted for safe disposal, foam - energy recovery, oil - reused as secondary fuel
<b>Electrical items</b>	Kerbside Recycling and Schools (SUEZ)	106.58	0.00	Sims Group UK Ltd - Plymouth, Devon	Broken down into separate components, baled and recycled. Some hazardous plastics to be processed as refuse-derived-fuel.
	Recycling Centres (Viridor/Biffa)	2,218.26	0.00	J.C. Thomas & Sons - Somerset	
		468.83	0.00	Mekatek Ltd - Johnstown, South Wales	
		7.54	0.00	Newbery Metals Ltd - Somerset	
		17.50	0.00	Newbery Metals Ltd - Tiverton	
<b>Scrap metal</b>	Recycling Centres (Viridor/Biffa)	5,323.28	0.00	J.C. Thomas & Sons - Somerset	Broken down into different metal types, baled and recycled
		196.81	0.00	Newbery Metals Ltd - Somerset	
		223.50	0.00	Newbery Metals Ltd - Devon	
<b>Cooking oil</b>	Recycling Centres (Viridor/Biffa)	10.81	0.00	Living Fuels - Norfolk	Turned into biofuel to generate electricity and heat
<b>Engine oil</b>	Recycling Centres (Viridor/Biffa)	96.57	0.00	Slicker Recycling Ltd - Devon	Oils are recovered and blended for use as an alternative fuel
<b>Paint</b>	Recycling Centres (Viridor/Biffa)	302.59	0.00	Paint 360 - West Midlands	Recycled into new paint products
<b>Wood (recycled)</b>	Recycling Centres (Viridor/Biffa)	6,824.38	0.00	South West Wood Products Ltd - Winkleigh, Devon	Some of the wood is chipped and made into a range of products including animal bedding, equestrian surfaces. Some is incinerated to produce energy and heat.
		733.71	0.00	South West Wood Products Ltd - Newport, South Wales	
		53.26	0.00	South West Wood Products - Swansea, South Wales	
		52.88	0.00	Kronospan Ltd - Chirk, North Wales	
		12.23	0.00	I Wood Renewables Ltd - Bridgend, South Wales	
<b>Wood (recovery)**</b>	Recycling Centres (Viridor/Biffa)	7,076.93	0.00	South West Wood Products - Newport, South Wales	Wood is used as a bio fuel for energy generation **
		753.99	0.00	I Wood Renewables Ltd - Bridgend, South Wales	
		486.01	0.00	South West Wood Products - Swansea, South Wales	
		62.71	0.00	South West Wood Products Ltd - Winkleigh, Devon	
		12.76	0.00	Atlantic Recycling Ltd - Cardiff, South Wales	
<b>Plasterboard</b>	Recycling Centres (Viridor/Biffa)	261.55	0.00	Tawmix Recycling Ltd - Winkleigh, Devon	Processed to separate the gypsum and paper. Gypsum is reprocessed into new plasterboard and paper is reprocessed into a variety of new paper materials
		21.06	0.00	Plasterboard Recycling Solutions Limited - Andover, Hampshire	
		4.59	0.00	Mid UK Recycling Ltd - Caythorpe, Lincolnshire	
<b>Ink and Toner Cartridges</b>	Recycling Centres (Viridor/Biffa)	2.37	0.00	Ink and Toner Recycling - Buckinghamshire	Sorted into different types and sent to remanufacturers to be refilled. Broken cartridges are repaired so they can be refilled.
<b>Fluorescent tubes and lamps</b>	Recycling Centres (Viridor/Biffa)	11.38	0.00	Mercury Recycling Ltd - Manchester	The lamps are separated into different components and recycled. Recovered mercury is used in new lamps.
<b>Mobile Phones</b>	Recycling Centres (Viridor/Biffa)	0.13	0.00	ICT Reverse - Lancashire	Phones are tested and data securely erased. Suitable phones are refurbished for reuse or parts and damaged/unsalvageable ones are recycled.
<b>Street Sweepings</b>	All Somerset Districts	6,994.52	0.00	Neal Soil Supplies - Cardiff, South Wales	De-watered by Viridor. Sent to Neal Soil Supplies who extract and recycle soil and aggregate, and send litter and the remainder to be used as refuse derived fuel.

<b>*Trial* - Mixed plastic waste removed from residual</b>	Waste Transfer Stations - Walpole and Dimmer	44.04	0.00	Subcoal Productions TSP Ltd - Stockton-on-Tees, County Durham	Plastic is used to produce sub coal which is used to replace coal in high energy applications such as cement production and power plants.
<b>Residual - Landfill**</b>	Kerbside Collections & Recycling Centres	12,566.54	0.00	Walpole Landfill - Somerset	The majority of the waste sent to landfill now comprises bulky waste which is too large to be sent to Energy from Waste, or other items that are non-combustible.
<b>Residual - Energy from Waste**</b>	Kerbside Collections & Recycling Centres	99,680.65	0.00	Avonmouth RRC - Avonmouth, Bristol	All of the refuse we collect from the kerbside has been sent to Energy from Waste - mostly at Avonmouth, but also other sites when Avonmouth is not operational. The waste is burnt to create energy and some of the heat is used to power the adjacent plastic recycling facility.
		47.38	0.00	Beddington ERF - Croydon, Surrey	
		307.76	0.00	Trident Park ERF - Cardiff, South Wales	

**\*\* Not included in recycling or reuse totals.**



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