

Environmental Report

AW4528

The Waterside Hotel and Galleon Leisure Club

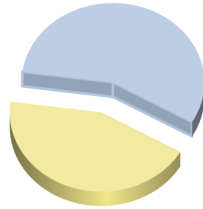
The Waterside Hotel and Leisure Club

Date:01/01/2022 to 31/01/2022

TOTAL DIVERSION FROM LANDFILL : 100 %

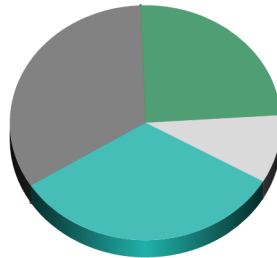
What happened to your waste?

- RDF (44 %)
- Recycled (56 %)



Of your recycled waste, below shows the materials

- GLASS, GLASS (33 %)
- MIXED MUNICIPAL WASTE, MIXED MUNICIPAL WASTE, MIXED MUNICIPAL WASTE, MIXED MUNICIPAL WASTE, MIXED MUNICIPAL WASTE (33 %)
- ORGANIC WASTE, ORGANIC...



Welcome to your environmental report which shows you the breakdown of your waste by type, and what has happened to it once it has been collected. You'll notice the amount of waste which has been diverted from landfill.

You'll see the proportion of waste which has been recycled, as well as waste sent for energy recovery at either an Anaerobic Digestion facility (AD, for food waste) or a waste-to-energy facility (Refuse Derived Fuel or RDF from non-recyclable general waste). We'll also show you the breakdown of recycled materials by the type of material. And you'll see how the equivalent energy generated through AD and RDF could be used. You'll see your data across the last 12 months on page 2 and following this, a breakdown of your waste by each individual site.



Total Collected Waste (KG)

Material	Weight	Recycled	RDF	AD	Landfill
Mixed Glass	959.04	959.04	0.00		0.00
Mixed Municipal Waste	3,267.00	980.10	2,286.90		0.00
Organic Food Waste	720.00	720.00	0.00		0.00
Paper & Cardboard	275.00	275.00	0.00		0.00
Total	5,221.04	2,934.14	2,286.90		0.00
		56.20%	43.80%	0.00%	0.00%

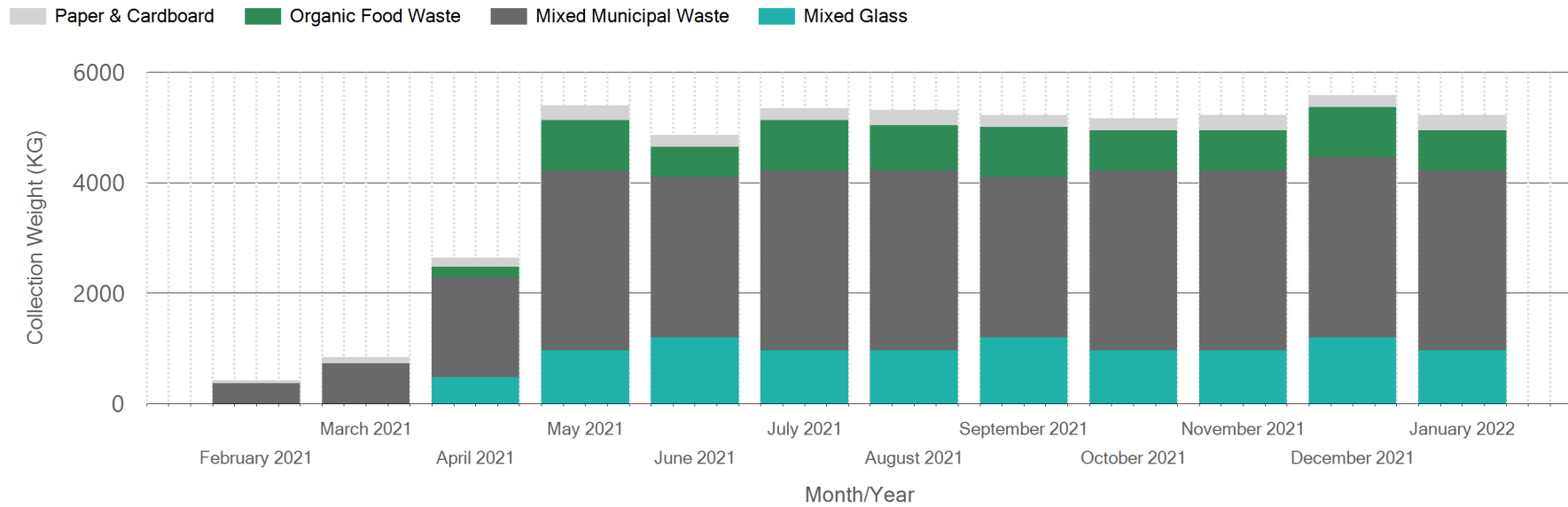
How your RDF and AD use equates to energy

RDF kWh/Tonne - each tonne of RDF produces the below kWh (1)	RDF Weight (KG)	AD kWh/Tonne - each tonne of AD produces the below kWh (2)	AD Weight (KG)	Total kWh Produced	Energy Equivalent				
					No of TVs powered for a year (3)	Washing Machine Cycles Complete (4)	No of Fridge Freezers powered for a year (5)	No of Office Printers powered for 1 week typical printing cycle (6)	Miles driven in a family electric car (7)
575	2,287	300		1,315	21	1,195	7	274	5,523

References

- (1) : Average Net kWh/tonne input for 2017 is 575 kWh/tonne, from Tolvik Consulting report of UK EFW Statistics 2017, Page 6, section 3, Figure 11. URL : <http://www.tolvik.com/wp-content/uploads/Tolvik-UK-EFW-Statistics-2017.pdf>
- (2) : 300 kWh per tonne of food waste generated by AD, as stated by the Official Information Portal on Anaerobic Digestion FAQs, Question 3 "How much energy can you get from waste?" URL : <http://www.biogas-info.co.uk/about/faqs/>
- (3) : Based on the stated Annual Energy consumption of a Panasonic 40" full HD Smart LED Television, model TX-40FS500B, of 64kWh/Year. URL : <https://www.panasonic.com/uk/consumer/televisions/HDTV/tx-40fs500b.html>
- (4) : Based on the stated energy consumption of 1.10 kWh of a 40C colour cycle of a Bosch Serie 8 washing machine, model no WAW325H0GB URL : <https://www.bosch-home.co.uk/product-list/washers-dryers/washing-machines/front-load-washing-machines/WAW325H0GB?breadcrumb=frontloader#/Tabs=section-technicalspecs/Togglebox=1051994369/Togglebox=285469437/Togglebox=1118313654/>
- (5) : Based on the annual energy consumption of an LG Fridge Freezer Model No GBB60MCGFS of 178kWh, from the energy label. URL : <https://www.lg.com/uk/fridge-freezers/lg-GBB60MCGFS#>
- (6) : Based on the typical weekly consumption of a Canon imageRUNNER Advance office printer, model iR-ADV C7570i URL : <https://canon.ssi.cdn.sdlmedia.com/55910.pdf>
- (7) : Based on the WLTP combined cycle range of 168 miles of a 2018 Nissan Leaf with a 40kWh battery. <https://www.nissan.co.uk/vehicles/new-vehicles/leaf/range-charging.html>

Rolling 12 Month Waste Collection (KG)



Rolling 12 Month Waste Collection (KG)

Site Name	Material	EWCCode	2021												2022
			February	March	April	May	June	July	August	September	October	November	December	January	
The Waterside Hotel and Leisure Club	Mixed Glass	200102			480	959	1,199	959	959	1,199	959	959	1,199	959	
	Mixed Municipal Waste	200301	363	726	1,815	3,267	2,904	3,267	3,267	2,904	3,267	3,267	3,267	3,267	
	Organic Food Waste	200108			180	900	540	900	810	900	720	720	900	720	
	Paper & Cardboard	200101	55	110	165	275	220	220	275	220	220	275	220	275	
	Total		418	836	2,640	5,401	4,863	5,346	5,311	5,223	5,166	5,221	5,586	5,221	

Site and Waste Stream Breakdown (KG)

Site Name	Postcode	Mixed Glass	Mixed Municipal Waste	Organic Food Waste	Paper & Cardboard	Total Weight	% Of Total
The Waterside Hotel and Leisure Club		959	3,267	720	275	5,221	100.00%
Total		959	3,267	720	275	5,221	100.00%
		18.37%	62.57%	13.79%	5.27%		



Carbon Footprint Limited have endorsed the service provided by B&M Waste and agents, which has reduced your indirect carbon emissions through landfill diversion. These carbon savings are calculated above. Please note that recycling rates may vary due to alternate tipping sites being utilised on occasion due to operational issues.

If you have any queries regarding this report please email: environmentalreports@bandmwaste.com
 website: www.bagnallandmorris.com telephone: 0330 1234 100

