



BCEGI Site Waste Management Plan

This Site Waste Management Plan is used alongside waste information that is being supplied by JWS, JRL, PPOC and Kenny Waste Management SWMP. The waste actuals tracker included in this document is an accumulation of information from the above sources for the P1 Hotels Project at Manchester Airport.

Site Waste Management Plan (Draft)

Project Information

Project Reference	BCEGI Project Number: D152
Project Name / Title	H5 - Premier Inn Hotel
Geographical location	Manchester Airport
Postcode	M90 3RR
Project Start Date	14/04/2025
Project End Date	27/08/2027
Project Value / Cost	TBC
Description of Project	Plot H5 Premier Inn Hotel development (within Manchester Airport), which includes the installation of a Premier Inn hotel. Additionally, car park amendments and the installation of a new service road route will be established to suit the project design.
Gross Internal Floor area (m2)	9,466
Total Site Area (m2)	TBC
Classification	New Build
Project Use Class	Leisure
Project Type / Work Stream	Major Projects
Construction Type	Concrete frame (concrete cores), curtain wall is made up of SFS with cladding and glazing finishes.

Client	MAG
Person Responsible	Emily Fleet / Chris Rumsey
Position	MAG
Contact number	See Project Directory
email address	See Project Directory

Principal contractor	BCEGI Construction (UK) Ltd
Contract / Order number	D152
Person responsible	Thomas Berriman
Responsibility	Responsible for the project delivery
Position	Project Manager
Contact number	07877 174567
email address	thomasberriman@bcegi.co.uk

Site Waste Manager	BCEGI Construction (UK) Ltd
Person Responsible	Chris Wilson
Responsibility	Senior SHEQ Manager
Company	BCEGI Construction (UK) Ltd

Position	Company SHEQ Manager
Contact number	07799312226
email address	chriswilson@bcegi.co.uk

SWMP Author	Chris Wilson
Company	BCEGI Construction (UK) Ltd
Contact number	07799312226
email address	chriswilson@bcegi.co.uk

Location & Storage of the plan

An electronic copy of the SWMP will be made available on BCEGI project server under the P1 Hotels project. A hard copy will be periodically printed for record purposes. On completion a soft copy record will be retained on A:site (BCEGI document management platform).

Declaration		
All Waste produced on the site is dealt with in accordance with the waste duty of care. All materials will be handled efficiently and managed appropriately.		
Name: Chris Wilson	Sign: <i>C. Wilson</i>	Date: 24/09/2024

Waste Minimising Measures

Record any decisions that will help reduced the quantity of waste generated by the project. To be completed prior to site starting:

Pre design and design:	
1. Choose correct plasterboard sizes to minimise the cutting and wastage on site. 2. Choose metal components for factory preparation in lieu of timber which would be cut on site. 3. Choose door sets in lieu of site assembled door frames reducing site cutting and waste. 4. Consider bathroom types (pod systems or traditional install) 5. Use full materials types (e.g., paving slabs on the roof) to reduce the need for cutting and wastage of material.	
Construction method:	
1. Order precut metal studs for partitions. 2. Order precut metal studs for the external wall SFS framing. 3. Site dimension all metal framing for riser roof lids, to factory assemble the frames so no site waste. 4. Precast columns would reduce the amount of material wastage being generated from the manual site process. 5. Consistent QA on facade installation and waterproofing to reduce wastage with damaged internal material.	
Material choices:	
1. Specify all skirtings, architraves and cill boards as MDF meaning all consistent and reduced wastage. 2. Reuse of pile mat stone under the ground floor slabs. 3. Hot melt roof material used in lieu of panel systems so no waste or cutting of products. 4. Carpet tiles used in the meeting rooms in lieu of roll carpet, which reduces waste and cutting.	
Other Measures	
To be reviewed with the BCEGI Project Management Team.	

Previous project data has been utilised to forecast some potential waste targets.

Waste Type	EWC (Waste Codes) for removal from Plot H5 (Premier Inn hotel)	Forecast (t)
Bio-degradable Canteen & Office Waste	20-02-01	20
Mixed General Waste	20-03-01	10
Soils	17-05	8000
Aggregate / Stone / Spoil (Non-hazardous)	17-05-04	8000
Concrete	17-01-01	80
Co-Mingled Fine / Granular	17-09-04	6
Paper & Card	15-01-01	0.5
Green Waste	20-02-01	50
Metals	17-09-04	5
Mixed Construction & Demolition Waste	17-09-04	250
Mixed Dense Material	17-09-04	10
Mixed Wood	17-02-01	12
Non-recyclable Mixed Waste	17-06-04	15
Packaging & Polythene	15-01	5
Plasterboard & Gypsum Products	17-08-02	250
Rigid Plastic Films	17-02-03	2
Tiles / Ceramics & Glass	20-01-02	10
Hazardous Waste (i.e. Oils / Lubricants)	13-01	2
	Estimated Total (t)	16728

Comment: This is to be better qualified due to the proposed compound area

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Comment: TBC, based on bathroom install type.

Example reporting data (portal information)

Destination Summary

Weight or Quantity		Landfill	Recycled Restoration/ Remediation aggregates	Recycled and sent for further reprocessing	Recycled/ Reprocessed to the WRAP protocol	Waste to energy	Grade Total
Volume							
tonnes	Biodegradable Canteen Food & Office Waste	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	15.491 73.765	15.491 73.765
	Mixed Construction & Demolition Waste	0.000 0.000	55.395 63.673	88.630 101.873	66.474 76.406	11.080 12.737	221.579 254.689
	Plasterboard	0.000 0.000	18.368 30.161	330.609 542.669	18.368 30.161	0.000 0.000	367.345 603.191
	Destination Total by Weight	0.000 0.00 %	73.763 12.20 %	419.239 69.36 %	84.842 14.04 %	26.571 4.40 %	604.415 931.645
	Destination Total by Volume	0.000 0.00 %	93.834 10.07 %	644.742 69.20 %	106.667 11.44 %	86.502 9.28 %	

Destination Summary

Weight or Quantity		Landfill	Recycled Restoration/ Remediation aggregates	Recycled and sent for further reprocessing	Recycled/ Reprocessed to the WRAP protocol	Waste to energy	Grade Total
Volume							
tonnes	Canteen / Office / Adhoc	0.000 0.000	0.000 0.000	0.011 0.042	0.000 0.000	0.100 0.385	0.111 0.427
	Carpet / Tiles & Floor Coverings	0.014 0.069	0.000 0.000	0.000 0.000	0.000 0.000	0.055 0.276	0.069 0.345
	Co-Mingled Fine / Granular Material	0.000 0.000	3.819 3.080	0.000 0.000	1.175 0.947	0.880 0.711	5.874 4.738
	Green Waste	0.000 0.000	0.023 0.061	0.439 1.155	0.000 0.000	0.000 0.000	0.462 1.216
	Metals	0.000 0.000	0.000 0.000	4.010 8.020	0.000 0.000	0.000 0.000	4.010 8.020
	Mixed Construction & Demolition Waste	0.000 0.000	11.210 12.887	17.936 20.616	13.452 15.461	2.242 2.578	44.840 51.842
	Mixed Dense Material	0.000 0.000	2.866 2.311	0.000 0.000	11.464 9.245	0.000 0.000	14.330 11.656
	Mixed Wood	0.000 0.000	0.906 2.745	16.302 49.399	0.000 0.000	0.906 2.745	18.114 54.899
	Non-Recyclable Mixed Waste	0.291 0.334	0.000 0.000	0.000 0.000	0.000 0.000	28.782 33.083	29.073 33.417
	Packaging & Polystyrene	0.000 0.000	0.000 0.000	2.275 10.832	0.000 0.000	2.781 13.242	5.056 24.074
	Plasterboard & Gypsum Products	0.000 0.000	0.128 0.386	1.085 3.287	0.065 0.194	0.000 0.000	1.278 3.667
	Rigid Plastic & Films	0.000 0.000	0.000 0.000	0.725 3.150	0.000 0.000	1.086 4.725	1.811 7.875
	Tiles / Ceramics & Glass	0.000 0.000	0.036 0.062	0.000 0.000	0.206 0.348	0.000 0.000	0.242 0.418
	Destination Total by Weight	0.305 0.24 %	18.988 15.16 %	42.783 34.15 %	26.362 21.04 %	36.832 29.40 %	125.270 202.376
	Destination Total by Volume	0.403 0.20 %	21.532 10.64 %	96.501 47.68 %	26.195 12.94 %	57.745 28.53 %	

BREEAM Comparison

1.0

'Non-Demolition & Excavation Waste' v 'Gross Internal Area' comparison		
All External	Hotel Build	Total (100m2)
		9466
Waste Generated (non-excavated/demolition wastage)		0.00
BREEAM Comparison		0.00
		Credit TBC
Notes: For ONE credit: 13.3m ³ (11.1 tonnes) per 100m ² of gross internal floor area For TWO credits: 7.5m ³ (6.5 tonnes) per 100m ² of gross internal floor area For THREE credits: 3.4m ³ (3.2 tonnes) per 100m ² of gross internal floor area		

2.0

Waste to Landfill' comparison														
Waste Generted	Waste Sent to Landfill	Percentage Diverted (%)												
0.00	0.00	#DIV/0!												
Potential BREEAM Compliance		Credit TBC												
Notes: <table> <tr> <th>Type of waste</th><th colspan="2">Diversion from landfill benchmark (%)</th></tr> <tr> <td></td><th>Volume</th><th>Tonnage</th></tr> <tr> <td>Non-Demolition</td><td>70%</td><td>80%</td></tr> <tr> <td>Demolition</td><td>80%</td><td>90%</td></tr> </table>			Type of waste	Diversion from landfill benchmark (%)			Volume	Tonnage	Non-Demolition	70%	80%	Demolition	80%	90%
Type of waste	Diversion from landfill benchmark (%)													
	Volume	Tonnage												
Non-Demolition	70%	80%												
Demolition	80%	90%												

Review

To be completed within 3 months of site completion.

Total estimated quantity of waste	16727.5	Tonnes
Total actual quantity of waste		Tonnes
Total landfilled		Tonnes
Total diverted from landfill	0	Tonnes
Recycled	0	%
Floor Area	9466	M2
quantity / M² Internal Floor area	#REF!	M2/100m ²

I confirm that the plan has been monitored on a regular basis to ensure that the work has progressed according to the plan.	
Signed	
Print name	Chris Wilson
Organisation	BCEGI
Position	Snr SHEQ Manager
Date	

Comments on any deviation from the plan
Waste reporting will be provided from multiple partners and collated into this one SWMP (Actuals tracker page). BCEGI will appoint a preferred waste partner who will support the continual monitoring and reporting of waste data so it can be accurately tracked.

Lessons learnt to be applied to future projects of this type

Plot H5 Waste (Actuals)

			Waste Actuals per month/year													
Waste Categories - BRFEEAM Table 10.3	EWC	Examples of Waste Items	2025												Total Waste Amounts (t)	% of Waste
			Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Mixed or Other	170904 (Mixed)	Bio-degradable Canteen & Office Waste												0.00	#DIV/0!	
Soils	1705	Soils (Excavated waste)												0.00	#DIV/0!	
Inert	1701	Aggregate / Stone / Spoil (Excavated waste)												0.00	#DIV/0!	
Concrete	170101	Concrete												0.00	#DIV/0!	
Mixed or Other	170904 (Mixed)	Co-Mingled Fine / Granular												0.00	#DIV/0!	
Packaging	1501	Cardboard, Paper, etc.												0.00	#DIV/0!	
Mixed or Other	170904 (Mixed)	Green Waste												0.00	#DIV/0!	
Metals	1704	Metals												0.00	#DIV/0!	
Inert	1701	Mixed Rubble (Bricks, Rubble, Tiles, Minor concrete elements, etc.)												0.00	#DIV/0!	
Mixed or Other	170904 (Mixed)	Mixed Dense Material												0.00	#DIV/0!	
Timber	170201	Mixed Wood												0.00	#DIV/0!	
Mixed or Other	170904 (Mixed)	Non-recyclable Mixed Waste												0.00	#DIV/0!	
Packaging	1501	Packaging & Polythene												0.00	#DIV/0!	
Gypsum	170802	Plasterboard & Gypsum Products												0.00	#DIV/0!	
Plastics	170203	Rigid Plastic Films												0.00	#DIV/0!	
Tiles & Ceramics	1701003	Tiles / Ceramics & Glass												0.00	#DIV/0!	
Hazardous	80409	Hazardous Waste (i.e. Glues / Adhesives)												0.00	#DIV/0!	

Total Tonnage (recycled/reused)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
Total Tonnage (Sent to landfill)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
Total Tonnage (Monthly)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		#DIV/0!
Total Project Waste (tonnage)														