

 MMU Environmental Management System	Ref	EXTFM S&E
	Version	1
	Date	2/5/23
	Author	Assistant Facilities Manager - External
	Approved by	Head of Environmental Sustainability (TBC)
Waste and Recycling Storage and Disposal plan for Science & Engineering		

1. Introduction and Purpose

- 1.1. The purpose of this document is to provide Manchester City Council with the waste and recycling storage and disposal plan for the operation of Science & Engineering.
- 1.2. This document aims to demonstrate that Manchester Metropolitan can satisfy all planning conditions and have adequate waste arrangements for the building occupation with a view to maximising reuse and recycling.

2. Waste Storage Arrangements

- 2.1. The waste storage location for the building is located within the development site boundary, accessed via the entrance on Chester Street and continuing down the access road.
- 2.2. The volume of waste produced has been modelled considering the proposed number of occupants, type of business activities and MCC GD04 Waste and Collection Guidance for new developments Version 3.00.
- 2.3. As a result of this exercise, the University has made provision for 24 X 1100 Eurobins and 13 x 360l wheelie bins in a secure internal waste storage area.
- 2.4. Based on the modelling outcomes that the overall Eurobin provision should be 50% for general waste and 50% for recyclable waste, the proposal is:
 - 12 x 1100l Eurobins for general waste.
 - 3 x 360l Wheelie bins for food waste.
 - 6 x 1100l Eurobins for paper and card.
 - 6 x 1100l Eurobins for plastic bottles and tin cans.
 - 10 x 360l Wheelie bins for glass.

The exact mix of recycling may alter depending on operational reality during the building's occupation. The proportion of recycling provided may end up greater in the future depending upon the University's recycling targets.

 MMU Environmental Management System	Ref	EXTFM S&E
	Version	1
	Date	2/5/23
	Author	Assistant Facilities Manager - External
	Approved by	Head of Environmental Sustainability (TBC)
Waste and Recycling Storage and Disposal plan for Science & Engineering		

2.5. Proposed drawing of the waste storage area demonstrating provision is provided in image 01, on page 5.

2.6. The waste storage area will be in a secure internal room within the building structure, which allows adequate ventilation and does not pose an excessive fire risk.

3. Waste Collection Arrangements

3.1. The University has an appointed main waste contractor (Veolia Environmental Services) who collects all waste streams outlined at 2.4.

3.2. The University has set preferred collection times, removal prior to 08:30 to avoid footfall, as per local risk assessments on nearby developments that the waste contractor adheres to and compliance is monitored through Key Performance Indicators.

3.3. Waste is collected as individual streams by separate vehicles. The collection schedule is identified in table 1 below.

3.4. Arrangements for waste collections will be as follows:

- Veolia will arrive via Chester Street and drive down the access road as per image 2, page 5 and park next to the waste storage area as per image 1, page 5.
- Veolia will access the waste storage area by opening the waste storage area doors
- Veolia will pull out and empty at the prior to 08:30 as per campus site risk assessment.
- Veolia will place bins back where they were presented within the waste storage area.
- Vehicle will go past the waste storage area, then reverse into the side road next to the waste storage area and drive out forwards back out onto Chester Street as per image 1, page 5.

3.5. All bins will conform to BS EN 840 and remain inside the waste storage area at all times aside from collection.

3.6. Veolia Environmental Services will empty the bins and return to back to the waste storage area.

 MMU Environmental Management System	Ref	EXTFM S&E
	Version	1
	Date	2/5/23
	Author	Assistant Facilities Manager - External
	Approved by	Head of Environmental Sustainability (TBC)
Waste and Recycling Storage and Disposal plan for Science & Engineering		

Table I: New development bin collection schedule

*** MAIN SCHEDULE for New Development ***						
	Capacity	Monday	Tuesday	Wednesday	Thursday	Friday
General Waste	12x1100l Eurobin	X	X	X	X	X
Paper & Cardboard	6x1100l Eurobin	X		X		X
Plastic Bottles and Cans	6x1100l Eurobin	X		X		X
Glass Waste	10x360l Wheelie bin	X				
Food Waste	3x360l Wheelie bin			X		

4. Alternative Waste Arrangements

4.1. The University anticipates that a small volume of other waste streams will be produced by the building, including but not limited to:

- WEEE
- Fluorescent lamps
- Batteries
- Metal
- Wood
- Furniture

 Manchester Metropolitan University MMU Environmental Management System	Ref	EXTFM S&E
	Version	1
	Date	2/5/23
	Author	Assistant Facilities Manager - External
	Approved by	Head of Environmental Sustainability (TBC)
Waste and Recycling Storage and Disposal plan for Science & Engineering		

- 4.2. The University has arrangements in place to safely dispose of these waste streams, ensuring waste is moved up the waste hierarchy where possible, to minimise waste generated and maximise reuse and recycling. Further information is available on the University's Environment Team website which can be found <https://www.mmu.ac.uk/sustainability/>.

Image 01

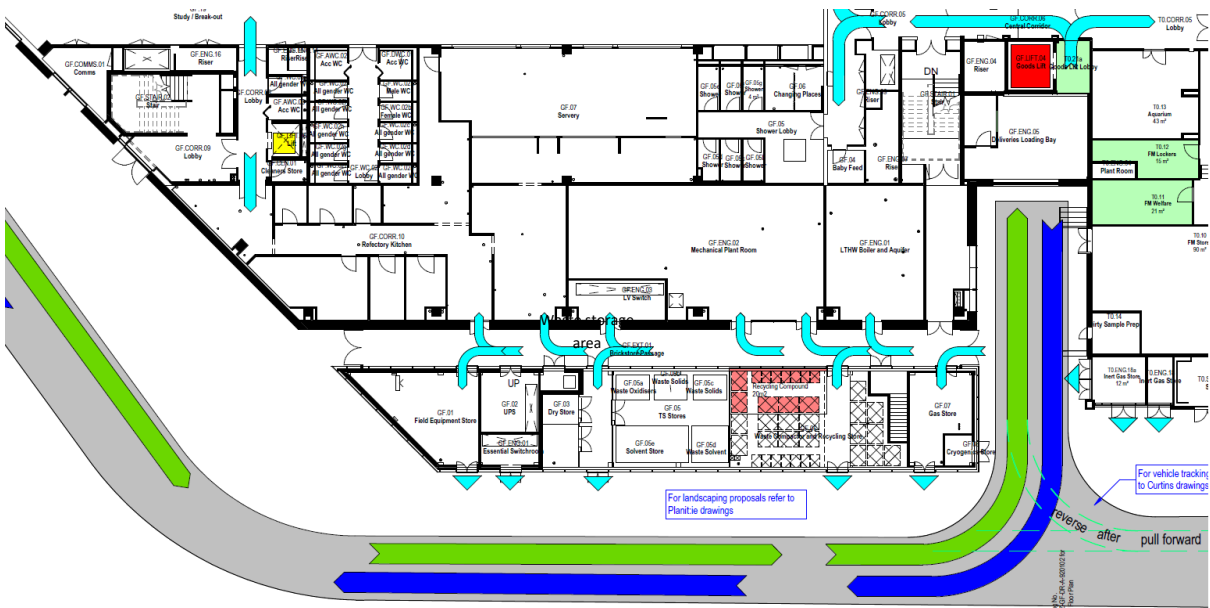


Image 02

