

10/04/2024
 11/05/2024 Rev

Waste Management Plan for “My Home” residential development Lots 1004 Raleigh Street & 1005 Bishopsgate Street, Carlisle

This Waste Management Plan (WMP) outlines the procedures and strategies for managing waste generated by 24 multiple dwellings in accordance with the Waste Authority of Western Australia (WALGA) waste guidelines.

Summary of the development

6 x 1 bedroom 1 bathroom apartments and 18 x 1 bedroom 1 bathroom apartments with hard and soft landscaping and on-site parking.

Anticipated waste generation

WALGA Waste Guidelines recommendations:

Waste Stream	Dwelling Size	Waste Generation Rate/ Storage Requirement
General waste <small>*Where separate organic/food waste collection service is provided, these figures may be reduced.</small>	1 bedroom	80L/week*
	2 bedroom	160L/week*
	3+ bedroom	240L/week*
Comingled recycling	1 bedroom	40L/fortnight
	2 bedroom	80L/fortnight
	3+ bedroom	240L/fortnight
Organic/food waste	1 bedroom	40L/fortnight
	2 bedroom	80L/fortnight
	3+ bedroom	120L/fortnight

Table 2: Waste generation rates

Bin size and quantity

Wastenet calculator:			
Weekly		Fortnightly	
Rubbish	1320	5.5	11
FOGO	840		3.5
Y	840	2.33333 3	5

TOTAL BINS: 20 X 240L MGBs.

Each lot has a waste enclosure therefore 10 bins in each enclosure.

How waste is transported from the source to the bin store

Occupants to carry their waste to the bin stores.

Bin Access and Storage:

Lot 1004 Raleigh Street Bin store size: 5.4mm x 2.175m. 6.1m to kerbside

Lot 1005 Bishopsgate Street Bin store size: 5.4mm x 1.739m. 16.5m to kerbside

Bin store layout x 2: Enclosed with gate, rectilinear area with two rows of bins. Can accommodate up to 10 x 240L bins as shown on site plan. Enclosed fence and 920W gate to 1800H.

R = General waste red lid, Y = Recycling yellow lid, G = FOGO Organic waste green lid as indicated on site plan.

Wash-down area

Hose cock is located in the bin storage area

Ventilation

Open top enclosure to enable fresh air circulation

Vermin prevention

1800 high pine lap fence to the ground

Noise reduction

n/a

Stormwater ingress prevention.

Paving fall away from bin store.

Waste system (internal collection methods and equipment)

Standard Town of Victoria Park bins. Occupants to carry their waste to the bin store. Bins will be wheeled along shared path to kerbside for collection by property manager and returned to bin store by property manager.

Collection method and frequency

As per Town of Victoria Park collection schedule.

All residential waste bins will be presented by the property prior to 0600hrs on the scheduled collection day, in line with the Town's 3 bins collection cycle, in a safe and accessible manner for side arm HR vehicle collection and returned by the property after collections.

Waste service provider

Town of Victoria Park waste contractor.