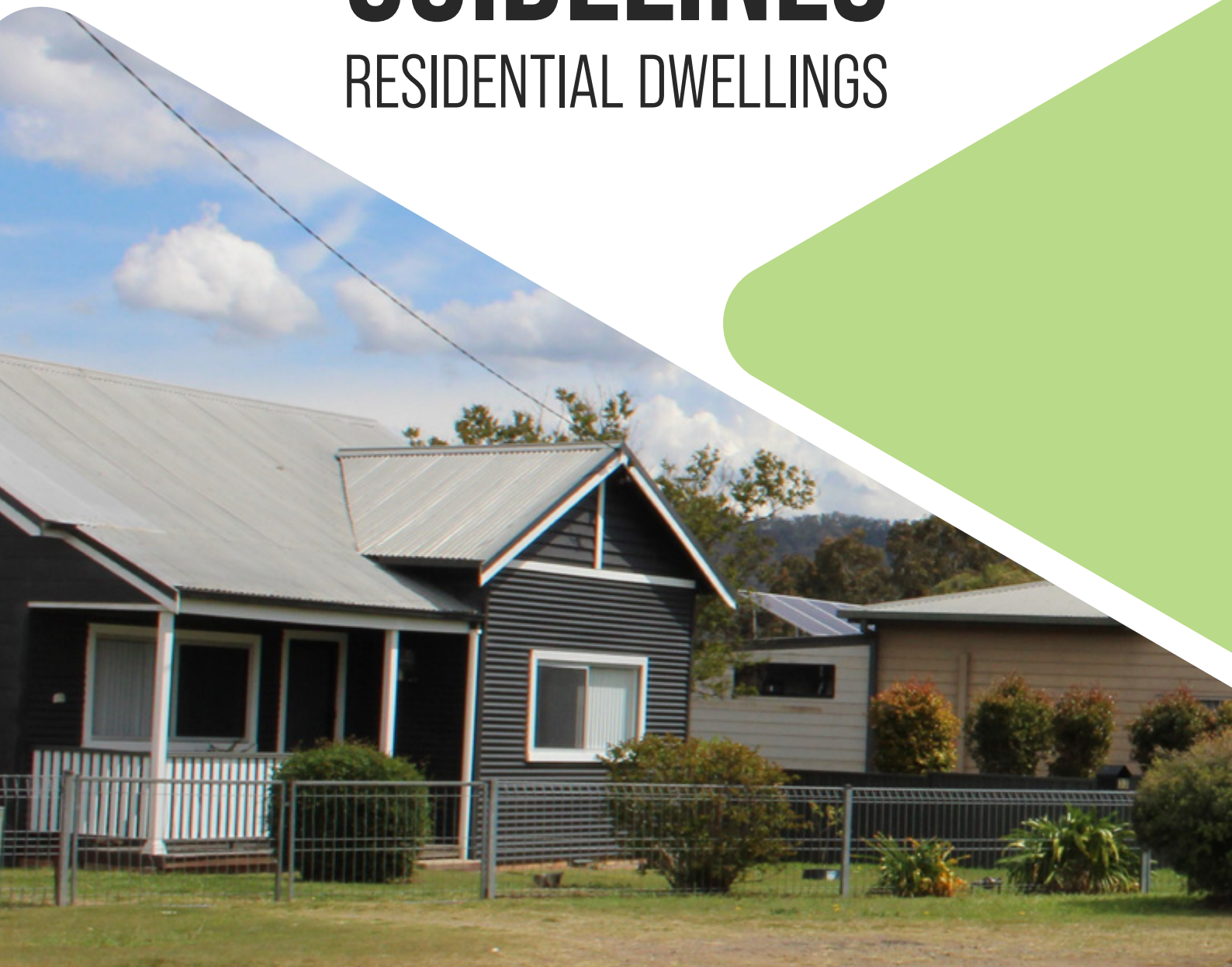


WASTE MANAGEMENT GUIDELINES

RESIDENTIAL DWELLINGS





Journey Through Time, created by local school students and artist Steven Campbell.

Acknowledgement of Country

Cessnock City Council acknowledges that within its local government area boundaries are the traditional lands of the Wonnarua people, the Awabakal people and the Darkinjung people. We acknowledge these Aboriginal peoples as the traditional custodians of the land on which our offices and operations are located, and pay our respects to Elders past and present. We also acknowledge all other Aboriginal and Torres Strait Islander people who now live within the Cessnock Local Government Area.

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INTRODUCTION

Introduction

Residential dwellings require a waste management system that is responsive to the individual site and can be adequately serviced by Council's waste collection service. This guideline will assist with developing a waste management system for the following residential accommodation types:

- a) Attached dwellings
- b) Dwelling houses
- c) Dual occupancy
- d) Secondary dwellings
- e) Semi-detached dwellings

Residential waste collection service

Residential dwellings are serviced by Council's kerbside collection service. Residential dwellings are to be provided with recycling, organics and residual waste bins. This will require residents to wheel mobile garbage bins to a waste collection point for kerbside collection.

Standard bin allocations for residential development comprises the following:

- A single 240L mobile garbage bin for organics/food waste
- A single 240L mobile garbage bin for residual waste
- A single 240L mobile garbage bin for recycling waste



Each week comprises the collection of 2 x 240L bins for each residential dwelling. Standard bin sizes are provided below to enable the design for a kerbside waste collection point.

BIN CAPACITY (L)	HEIGHT (MM)	DEPTH (MM)	WIDTH (MM)
240L	1060	730	585

Kerbside waste collection points are to accommodate 2x 240l bins with a minimum dimension of 2670mm wide by 1000mm deep. This dimension includes a 500mm gap between each bin and 500mm clearance each side of the bins. The kerbside waste collection point dimension is required for each residential dwelling.

Waste collection points are to be located with the following:

- 2000mm clearance from the base/trunk of any street tree
- 500mm clearance from any driveway or accessway to the property.

Residential waste generation

Average households in residential dwellings generate estimated volumes of waste outlined in Table 1 below.

Table 1: Waste generation from single residential dwelling with outdoor space/garden.

WASTE TYPE	VOLUME (L/WEEK)	VOLUME (L/FORTNIGHT)
Recycling	120-180	240-360
Green waste (Garden and food)	240	480
Residual	120	240

Note: Waste generation rates are dependent on the number of residents within the dwelling

WASTE STORAGE & COLLECTION

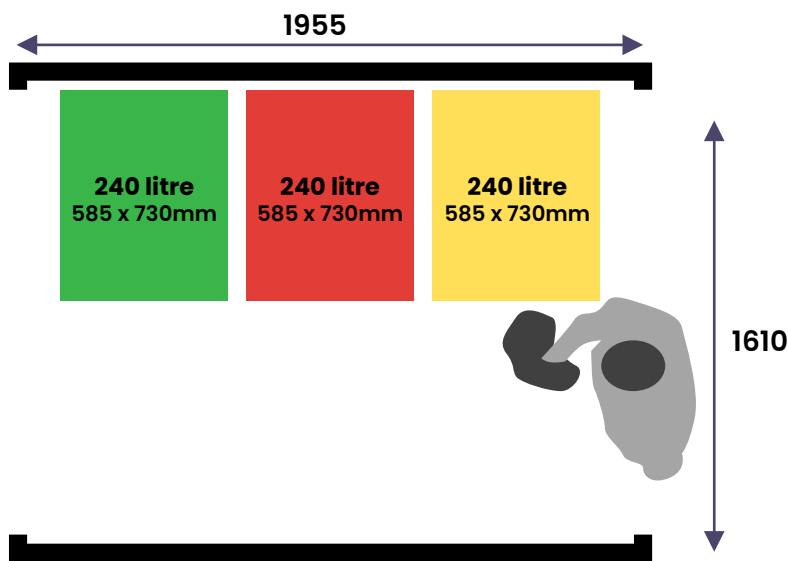
Waste storage area

Each residential dwelling is to be provided with a waste and recycling storage area capable of storing 3 standard mobile waste bins. Standard bin dimensions are provided in Table 1.

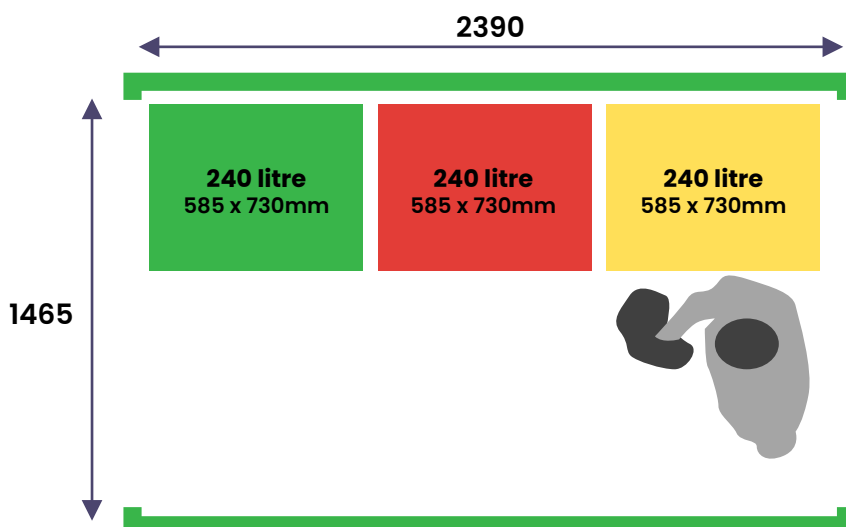
Waste storage areas are to be identified on a Site Plan and located

- Preferably at the rear of the residential dwelling or a screened area to the side of the building
- With appropriate width to ensure bins can be moved to the kerbside waste collection point.

Figure 1 below provides an example of the dimensions for a waste storage area



Storage for 1 set of 240 litre bins

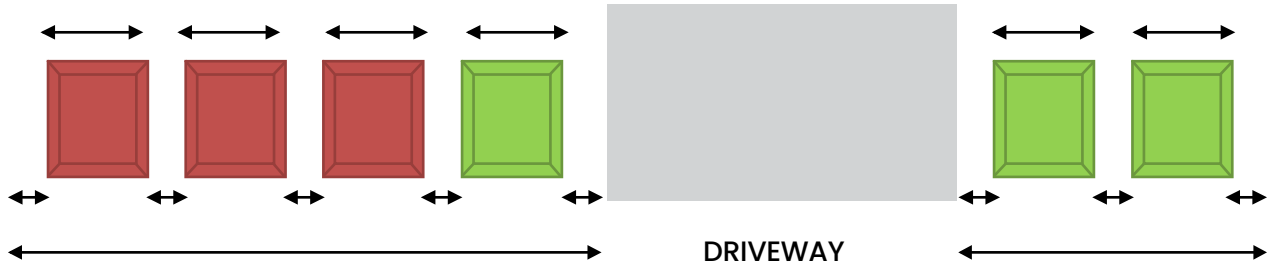


Storage for 1 set of 240 litre bins (sideways)

Figure 1: Waste storage area design for residential dwelling.

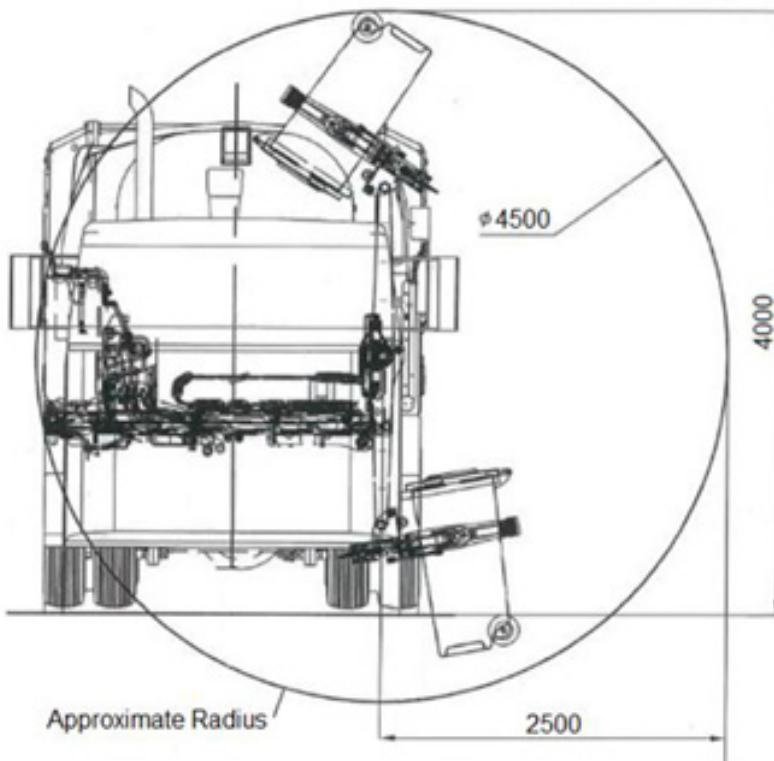
Waste collection point

Mobile garbage bins are to be placed on the kerb of the public road at the front of the property. All kerbside bin presentation areas are to accommodate 2x 240l bins for each residential dwelling with bins spaced 500mm apart. See **Figure 2** below:



NUMBER OF BINS	KERBSIDE WIDTH REQUIRED (WITHOUT DRIVEWAY/OBSTRUCTIONS) (MM)
2	2670
4	4840
6	7010

Figure 2: Kerbside width required for residential bin collection



All kerbside waste collection points must not be obstructed by driveway access or street trees. Waste collection points are to be located with the following

- 2000mm clearance from the base/trunk of any street tree
- 500mm clearance from any driveway or accessway to the property.

Figure 3: Clearance required for collection arm of waste collection vehicle.

Access from waste storage area to collection point

Access from the waste storage area to the collection point is to be unobstructed. This includes

- The bin carting route should not pass through habitable areas of the residential dwelling
- The bin carting route should not include steps or pass over doorway thresholds
- Gates or accessways are to be appropriately sized to allow a bin to pass.

Internal waste storage

The source of most waste in the household is in the kitchen. Each kitchen of a residential dwelling is to have a waste cupboard of sufficient size to hold two day's waste in separated bins or caddies.

The waste cupboard should have at least 3 separated containers for co-mingled recyclables (glass, plastic containers, paper), food waste and residual waste. Figure 4 provides examples of a waste cupboard with separated containers



Figure 4: Waste cupboard with separate containers for waste streams.



62-78 Vincent Street, Cessnock NSW 2325 | PO Box 152 Cessnock NSW 2325
02 4993 4100 | council@cessnock.nsw.gov.au | www.cessnock.nsw.gov.au