

WASTE MANAGEMENT

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INTRODUCTION

This Part guides development in meeting the aims and objectives within the KLEP. This Part applies to all development types, unless stated otherwise.

This Part seeks to outline how developments are to manage waste in Kuring-gai. This includes, but is not limited to;

- waste storage;
- waste collection;
- · layout of waste and recycling rooms;
- waste management for particular developments; and
- management of bulky goods waste.



25A General Waste and Recycling

- 25A.1 General Requirements
- 25A.2 Waste Storage Rooms
- 25A.3 Access to Collection Point
- 25A.4 Construction of Waste and Recycling Rooms
- 25A.5 Residential Buildings



Objectives

- 1 To enable efficient, effective and sustainable waste management practices.
- 2 To ensure waste collection and storage within the site that does not affect the amenity of residents with regard to odour, visual appearance or noise disturbance.
- 3 To ensure waste and recycling storage areas are designed and constructed to meet the requirements of the building's use and its occupants.
- 4 To ensure design and management of waste and recycling facilities protect public health.

25A.1 GENERAL REQUIREMENTS

Controls

- 1 All waste and recycling facilities are to comply with the NCC and all relevant Australian Standards.
- 2 During the design of the development, construction waste is to be minimised by:
 - i) using recycled materials, selecting materials that reduce waste or do not require disposal, or can be reused or recycled in the future; and
 - ii) designing with minimal site disturbance by avoiding unnecessary excavation or fill.
- 3 All waste and recycling storage containers are to be stored within the boundary of the subject site.
- 4 All putrescible and non-putrescible waste materials stored in any waste and recycling room or at centralised collection points are to be contained in approved rigid containers supplied by the Council.
- 5 No compaction equipment is to be used for any sized bin.

25A.2 WASTE STORAGE ROOMS

Objectives

1 To ensure waste generated from the building is fully accommodated onsite.

Controls

- 1 Sufficient space is to be provided within the premises for the storage and manoeuvring of the number of bins required to store the volume of waste and recycling materials.
- 2 Sufficient space is to be provided to adequately house any additional equipment to handle or manage the waste generated from the development.
- 3 For buildings exceeding four (4) storeys which contain a residential component, where a chute system is proposed, a fully enclosed waste and recycling materials compartment is to be provided within each storey of the building. The facility is to be designed to contain the waste chute hopper and the number of recycling storage bins equivalent to 2 x 240 litre bins for every 4 units per storey.

25A

Objectives

1 To ensure access to waste storage rooms for both buidling uses and for collection service operators.

25A.3 ACCESS TO COLLECTION POINT

Controls

This section does not apply to residential developments of 2 dwellings or less, which do not have an internal collection point.

- 1 The location of the waste and recycling room is to be conveniently accessible and have unimpeded access for both occupants and collection service operators. In the event that the proposed development is protected by a security system and/or locked gates, the waste and recycling room/s are to have unimpeded access for the collection service providers. Where security gates are provided to the development, gates are to be accessible by Council's master key.
- 2 The waste and recycling collection point is to be located on a level surface away from gradients and vehicle ramps, with the path of travel being free from any floor obstructions, such as steps, to allow for the transfer of wheelie bins to and from the storage room to the collection vehicle.
- 3 The vehicle access road leading to and from the collection point in a waste and recycling room is to have a minimum finished floor to ceiling height of 2.6m for residential waste rooms and 4.5m for commercial waste rooms for the entire length of travel within the building. This clearance is to be kept free of any overhead conduits, ducting, services or other obstructions.
- 4 The Waste Management Plan (WMP) are to describe how the waste management system is to be managed and who is responsible for each stage of the process. (Refer to Waste Management Plan, *25R.5 of this Part*).

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25A.4 CONSTRUCTION OF WASTE AND RECYCLING ROOMS

Objectives

- To ensure waste and recycling rooms are designed to prevent health and safety hazards.
- To ensure provision of facility to aid cleaning of waste areas.

Controls

- 1 The floor of any waste and recycling room is to be:
 - i) constructed of either concrete which is at least 75mm thick; or other equivalent material; and
 - ii) graded and drained to a floor waste which is connected to the sewer.
- 2 The walls of any waste room, recycling room and waste service compartment are to be constructed of solid impervious material and cement rendered internally to a smooth even surface coved at all intersections.
- 3 All waste and recycling rooms are to be provided with an adequate supply of hot and cold water mixed through a centralised mixing valve with hose cock. This does not include waste and recycling service compartments located on residential floors of multioccupancy dwellings.
- 4 A close-fitting and self-closing door that can be opened from within the room is to be fitted to all waste and recycling rooms.
- 5 In the event that Council permits the installation of a roller shutter door (under special circumstance only), a sign is to be erected in a conspicuous position drawing attention to the fact the door is to be kept closed at all times when not in use.
- 6 All waste and recycling rooms are to be constructed to prevent the entry of vermin (eg. no gaps under access doors etc).
- 7 All waste and recycling rooms are to be ventilated by either:
 - i) mechanical ventilation system exhausting at a rate of 5L/s per m² of floor area, with a minimum rate of 100L/s; or
 - ii) permanent, unobstructed natural ventilation openings direct to the building exterior, not less than one-twentieth (1/20th) of the floor area.
- 8 Meters and piping are not to be located in the waste and recycling room.
- 9 All waste and recycling rooms are to be provided with artificial light controlled by switches located both outside and inside the rooms.
- 10 Clearly printed "NO STANDING" signs are to be affixed to the external face of each waste and recycling room.
- 11 Clearly printed signage is to be affixed in all communal waste collection and storage areas, specifying which materials are acceptable in the recycling system and identifying the location of waste and recycling storage areas, as well as waste and recycling service compartments.
- 12 Waste management systems are not to be visible from outside the building.

Objectives

- 1 To ensure storage and collection of waste can be carried out in a safe and orderly manner.
- 2 To ensure adequate provision of waste facilities for all residential dwellings.
- 3 To prevent unauthorised dumping of waste on the street and associated visual clutter and hazard.

25A.5 RESIDENTIAL BUILDINGS

Controls

- 1 Centralised waste collection points are required in the following circumstances:
 - i) Attached dwellings where the number exceeds two dwellings in total; and
 - ii) Where site characteristics (eg. steep sites, narrow street frontage) make access to the street difficult for individual unit holders and where placement of bins on the street frontage is assessed as dangerous for either the public or service personnel, or would have a detrimental effect on the street amenity.

Residential Dwellings - 2 or less per site

2. For all single dwellings, including both the principal and secondary dwellings and dual occupancy development whether attached or detached, Council's standard waste and recycling service is:

| Waste Type | Bin Type |
|--|----------|
| Waste (garbage) | 1 x 120L |
| Co-mingled recycling | 1 x 240L |
| Recycling of paper and cardboard | 1 x 240L |
| Green waste (communal except for single dwellings) (subject to Owners Corporation Agreement on a fee for service basis) | 1 x 360L |

- 3 Developments are to allocate, within each property boundary, an area for storing Council specified waste and recycling bins, preferably located at the rear of the premises to minimise visual clutter. Steep sites will be considered on a merit basis. The storage area is to be a minimum of 3m from openable windows and integrated with the landscaping. Refer to *25R.1 of this Part* for bin characteristics.
- 4 An area is to be nominated for on-site composting.

Multi-Unit Dwellings - No Basement

5. Where basement car parking is not provided and dwellings are separately accessed via a private access road, or where centralised arrangements are not required under 23.4 (25) of this Part, space is to be provided for:

| Waste Type | Bin Type |
|---|----------|
| Waste (garbage) | 1 x 120L |
| Co-mingled recycling | 1 x 240L |
| Recycling of paper and cardboard | 1 x 240L |
| Green waste (communal) (subject to Owners Corporation Agreement on a fee for service basis) | 1 x 360L |

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25A.5 RESIDENTIAL BUILDINGS (CONTINUED)

Controls

Note: To check the service level for the relevant collection zone contact Council's Customer Service Section. Waste is collected weekly while all other waste types are collected on a fortnightly basis.

- 6 All new dwellings are to be designed to allow the internal accommodation of one receptacle to collect waste and two receptacles to collect recycling materials, each with the capacity to store one day's worth of material.
- 7 All such developments are to allocate, within each property boundary, an area for storing Council specified waste and recycling bins, preferably located at the rear of the buildings to minimise visual clutter. The storage area is to be a minimum of 3m from openable windows and integrated with the landscaping. Refer to 25R.2 of this Part for bin characteristics.
- 8 Centralised collection points are to be provided, directly accessible from the street/rear lane and/or the internal road. Collection points are to be located a minimum of 12m from any openable window. One collection point is to serve a maximum of 6 units.
- 9 Where on site collection points are provided, the full path of travel to and from the collection points is to be designed to allow a 6m rigid vehicle, weighing GVM 7 tonnes, to enter and exit the development in a forward direction.
- 10 The maximum grade of any access road leading to a waste and recycling room is not to be more than 1:5 (20%). The turning area at the base of any ramp is to be sufficient to allow for the manoeuvre of a 6.0m rigid vehicle to exit the building in a forward direction.
- 11 A level path is to be established for wheeling bins to the collection point, free of steps or kerbs.
- 12 An area is to be nominated for on-site communal composting.

Multi-Unit Dwellings and Residential Flat Buidlings - With Basement

13 If there are four or more dwellings and basement parking is provided, Council's standard waste and recycling service is as follows:

| Waste Type | Number of Units | Number of Bin/s |
|---|--|--|
| Waste (garbage) | N/A | 1 x 120L MGB per unit dwelling or 1 x 240L MB per 2 units |
| Co-mingled recycling of glass, steel and aluminium cans and plastic etc | For every 4 units or part thereof. | 1 x 240L MGB (communal) |

25A.5 RESIDENTIAL BUILDINGS (CONTINUED)

Controls

| Recycling of paper and cardboard | For every 4 units or part thereof. | 1 x 240L MGB (communal) |
|----------------------------------|--|--|
| Green waste | Optional | Please contact Council's Waste Service Team to discuss options. Green waste bins will be subject to Owners Corporation Agreement on a fee for service basis. Green waste bins will be serviced from the street frontage due to the small number of bins involved. |

Note: To check the service level for the relevant collection zone contact Council's Customer Service Section. All bins are collected weekly except green waste bins. Please contact Council's Waste Service Team to discuss options.

- 14 All new dwellings are to be designed to allow the internal accommodation of one receptacle to collect waste and another to collect recycling, each with the capacity to store one day's worth of materials.
- 15 Centralised waste and recycling rooms are to be provided in the basement that has sufficient capacity to store all waste and recycling likely to be generated in the entire building in a week.
- 16 The full path of travel to and from the waste and recycling room is to be designed to allow a 6.0m rigid vehicle, weighing GVM 7 tonnes, to enter and exit the development in a forward direction.
- 17 The maximum grade of any access road leading to a waste and recycling room is not be more than 1:5 (20%). The turning area at the base of any ramp is to be sufficient to allow for the manoeuvre of a 6.0m rigid vehicle to exit the building in a forward direction.
- 18 The minimum floor to ceiling height within the vehicle accessway leading to and from the waste and recycling room(s) is to be 2.6m for the entire length of travel required within the development.

Note: Prior to pouring of the ground floor slab, the applicant will be required to obtain confirmation from Council engineers that 2.6m headroom has been provided.

- 19 Noise attenuation measures are required to ensure that the use of, and collection from, the waste and recycling room do not give rise to "offensive noise" as defined under the *Protection of the Environment Operations Act 1997.*
- 20 An area is to be nominated for on-site communal composting.

25A.5 RESIDENTIAL BUILDINGS (CONTINUED)

Controls

Mixed-Use Buidling/Dwelling

Refer to Part 25A.5 for non-residential component of mixed-use buildings.

- 21 In a mixed use development, the waste handling, storage and collection system from residential waste and commercial waste is to be completely separate and self-contained.
- 22 There are to be at least two separate centralised waste and recycling storage areas, one for residential waste and one for commercial. The Waste Management Plan is to identify the collection points and management systems for both residential and commercial waste streams.
- 23 An area is to be nominated on relevant plans for on-site composting and/or worm farm for the residential component of the mixed-use building.
- 24 Where there is a residential component, any new dwellings are to be designed to allow the internal accommodation of one receptacle to collect waste and another to collect recyclable materials, each with the capacity to store one day's worth of materials.

This section applies to other development types not covered by controls 25 to 48 above. It applies to any development that incorporates a commercial, business or light industrial use (eg. retail premises, offices, hospitals, restaurants and food retailers, light industries, residential care facilities and the like).

- 1 Buildings are to have a dedicated and enclosed waste and recycling room(s) which has adequate storage area to meet the generation rates (refer to 25*R.6 of this Part*).
- 2 Centralised collection points are to be provided, directly accessible from the street/rear lane and/or the internal road. Collection points are to be located a minimum of 12m from any openable window. One collection point is to serve a maximum of 6 units.
- 3 Where on site collection points are provided, the full path of travel to and from the collection points is to be designed to allow an appropriately sized rigid vehicle to enter and exit the development in a forward position. The design and location of the waste and recycling room are to allow for adequate access for the relevant vehicle size, including manoeuvring and loading.

Note: Standard sizes include a 6m rigid vehicle, weighing GVM 7 tonnes and an 11m rigid vehicle, weighing GVM of 22 tonnes. The size will be dependent on the the intended usage and quantity of waste generated by the development type. Consultation with Council's waste section early in the design phase to ascertain the relevant vehicle size is strongly recommended.

- 4 A path is to be established for wheeling bins to the collection point; it is to be level and free of steps or kerbs.
- 5 The size and design of the waste and recycling rooms is to be based on the following criteria:
 - i) the proposed and potential land use of the building;
 - ii) the floor area of the building;
 - iii) the number of separate occupancies contained within the development;
 - iv) waste and recycling generation rates associated with the land use;
 - v) type and amount of waste/recycling to be produced;
 - vi) the number and sizes of bins required to contain waste/recycling materials likely to be generated during the period between collections; and
 - vii) the size and design of the waste/recycling storage is to allow for future changes of use.
- 6 If Council is to collect commercial waste from the premises, the minimum floor to ceiling height within the vehicle accessway leading to and from the waste and recycling room(s) is to be 4.6m for the entire length of travel required within the development. Otherwise, any development application is to be accompanied by documentary

If Council is to collect commercial waste from the premises, the minimum floor to ceiling height within the vehicle accessway leading to and from the waste and recycling room(s) is to be 4.6m for the entire length of travel required within the development. Otherwise, any development application is to be accompanied by documentary evidence from at least three contractors giving the dimensions of their vehicles and confirming that they are willing to collect waste from the building after construction.

- 7 For recycling materials, clinical, medical or liquid waste, the design is to reflect the separate storage, operation and management of these waste materials within the development.
- 8 In the event of the generation of:
 - i) more than 1.5m³ per day of food waste, other than unprocessed or uncooked fruit and vegetables; or
 - ii) organic veterinary or medical waste;

stored waste is to be refrigerated unless collected daily.

- 9 Where refrigeration is required:
 - i) the temperature is to be maintained at or below 5°C;
 - ii) all refrigeration equipment is to be installed with sufficient space for cleaning both the equipment and the storage area;
 - iii) the floors walls and ceiling of the refrigerated waste room is to be constructed of a smooth impervious material and coved at all intersections;
 - iv) the floor of the refrigerated waste room are to be graded to the doorway and a floor waste, designed in accordance with Sydney Water guidelines, is to be located outside the room as close as practicable to the doorway; and
 - v) noise attenuation measures are to be put in place to ensure that the noise generated by the refrigeration equipment associated with the waste and recycling room is to not give rise to "offensive noise" as defined under the *Protection of the Environment Operations Act 1997.*
- 10 In circumstances involving the use of baling equipment for paper and cardboard, sufficient area are to be provided for the storage of a minimum of four (4) bales without impacting on the access and service conditions for collection materials for each day.
- 11 Where liquid wastes such as oils are generated by the business, a separate bunded storage area for these wastes is to be provided with drainage directed to a grease trap. The bunded area is to be weather protected and have a capacity not less than 20% of the storage contents to contain any spill.

Note: Liquid waste from grease traps is to only be removed by licensed waste contractors approved by Sydney Water Corporation and the NSW Environment Protection Authority.

12 Any construction for food premises is to be in accordance with the 'National Code for the Construction and Fit-out of Food Premises'

Note: Contact Council for a copy of this Code and advice on the construction of food premises.

- 13 For retail premises, light industry, hospitals, residential care facilities, a waste service compartment is to:
 - i) be provided on each storey of the building;
 - ii) have the capacity to store at least one day's volume of waste and recycling likely to be generated on that floor; and
 - iii) provide for the separation of paper and cardboard for recycling on each storey.
- 14 If more than 10m³ of waste and recycling is likely to be generated per day, then the central waste and recycling room is to be separate from the goods receival dock.
- 15 Separate space and collection arrangements are to be made for clinical/hazardous waste.
- 16 For offices, provision are to be made on each floor and in the central waste and recycling storage area, for the separation and storage of all recyclable materials such as cardboard, paper and paper products likely to arise on the premises.
- 17 Easement waste collection is to be in accordance with terms in 25R.5 of this DCP.



25B Bulky Goods Waste

- 25B.1 On-site Bulky Goods Storage Area
- 25B.2 On-Site Temporary Bulky Goods Collection Point

BULKY GOODS WASTE



Objectives

- 1 To provide temporary onsite, secure bulky goods storage for items awaiting disposal through Council's clean-up collection service,
- 2 To minimise adverse social and environmental impacts associated with bulky goods waste management.
- 3 To enable the movement of bulky goods items from the basement storage area to the on-site collection point.

25B.1 ON-SITE BULKY GOODS STORAGE AREAS

Controls

- 1 All Residential Flat Buildings, Multi Dwelling Housing and Mixed-use developments are to provide an on-site Bulky Goods Storage Area that is.
 - i) located within the basement of the building; and
 - ii) located directly adjacent to the basement vehicular entry; and
 - iii) be separate from the general Waste Storage Area; and
 - iv) be screened and not be visible from the street or any public area outside the basement; and
 - v) not be accessible to the general public.

Refer to Figure 25B.1-1.



Figure 25B.1-1: Bulk Waste Storage Area and Collection Point

2 The following minimum on-site Bulky Goods Storage Area is to be provided within the basement:

| | Number of Dwellings | Minimum Storage Area |
|------|---------------------|--|
| i. | Up to 50 | 6 sqm |
| ii. | 50-100 | 12 sqm |
| iii. | 100-110 | 15 sqm |
| iv. | Above 110 | 15 sqm + 1 sqm per 10 additional dwellings above 10 |

25B

25B.1 ON-SITE BULKY GOODS STORAGE AREAS (CONTINUED)

Controls

- 3 The Bulky Goods Storage area is to be:
 - i) a room or a caged area; and
 - ii) have a minimum doorway width of 2 metres; and
 - iii) have instructive signage regarding storage and collection of bulky items.
- 4 The instructive signage displayed at the Bulky Goods Storage area is to:
 - i) provide contact details for the Building Manager; and
 - ii) clearly label the room as 'Bulky Goods Storage'; and
 - iii) provide instruction on the storage of bulky goods; and
 - iv) indicate the route to the 'Bulky Goods Collection Point'; and
 - v) provide instruction on the timing and responsibility of movement of bulky goods from the Bulky Goods Storage area to the on-site Bulky Goods Collection Point.

Objectives

- 1 To ensure efficient collection of bulky goods from the on-site collection points by Council collection contractors.
- 2 To ensure the storage and collection of bulky goods does not impact on the landscape setting and deep soil provisions of the residential development;
- 3 To maintain a high quality streetscape that reflects the Ku-ring-gai character of buildings in a landscape setting including canopy trees.

25B.2 ON-SITE TEMPORARY BULKY GOODS COLLECTION POINT

Controls

- 1 All Multi-Unit and Residential Flat Building developments are to provide an on-site Bulky Goods Collection Point as part of the entry access driveway, a separate hardstand area is not permitted.
- 2 The Bulky Goods Collection Point:
 - i) is to be located on the exit of the driveway within the front setback, close to the street boundary; and
 - ii) is to be setback 2.5m from the street boundary to maintain sitelines; and
 - iii) is to have a maximum 5% gradient in any direction; and
 - iv) is to measure a minimum 2.0m wide x 3.5m long; and
 - v) is to be line marked as a designated Bulky Goods Collection Point; and
 - vi) is not to prevent access to and from the basement car park, and maintain at least one travel lane at all times while temporary storage of bulky goods takes place on the driveway.

Refer to Figure 25B.1-1.

Note: Conditions of consent will require that all bulky goods waste material is placed on the on-site Bulky Goods Collection Point ready for collection. Materials placed on the footpath will not be collected and will incur a penalty fine.

Note: Bulky Goods Waste will only be collected from the on-site Collection Point. Any waste outside the development boundary will not be collected.



25R References

- 25R.1 Council's Standard Bin Characteristics
- 25R.2 Council's Collection vehicle characteristics
- 25R.3 Vehicle Access/Turning Circles
- 25R.4 What is a Waste Management Plan?
- 25R.5 Waste Management Plan
- 25R.6 Waste Guidelines

REFERENCES



25R.1 COUNCIL'S STANDARD BIN CHARACTERISTICS

| Bin Type | Characteristics | Uses |
|---------------|---|--|
| 120 Litre MGB | | Landfill Collection Used for domestic waste that cannot be recycled. Contents to be taken to landfill. |
| 240 Litre MGB | | Co-mingled/Paper Recycling Used for the storage of material that can be recycled. Two bins are supplied, one for paper and cardboard while the other is for co-mingled material such as plastics, metal and aluminum cans. |
| 360 Litre MGB | DimensionsOverall HeightV1171mmCart Body HeightVerall WidthXOverall DepthY803mmWheel DiameterZ305mmLoad Rating154Kg | Vegetation Recycling Used for the storage of vegetation material for recycling as garden mulch or similar. |

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25R.2 COUNCIL'S COLLECTION VEHICLE CHARACTERISTICS

Waste collection vehicles may be side loading, rear end loading or top loading. The size of the vehicle varies according to the collection service. Thus it is impossible to specify what constitutes the definitive garbage truck. Developers are to consult with Council regarding the type of vehicle to be used for the development if the development is to be serviced by Council collection vehicles.

The following characteristics represent the typical collection vehicle used by Council; however these are for guidance only.

Any turning circle considerations are to also include allowances for driver steering error and overhangs. The steering error allowances is to be at least 0.6 metres (absolute minimum) on both sides of the theoretical wheel path, and 1m as a desirable minimum.

1 Collection from Enclosures

Collection vehicles may enter building basements for the collection of waste and/or recyclables provided the following requirements are met:

- i) the gradient of the ramp access to basement should not exceed 1:5;
- the height to the structural members and upper floor ceiling should allow for a typical collection vehicle travel height / operational height consistent with type of vehicle employed;
- iii) the provision of space clear of structural members or vehicle parking spaces is adequate to allow the typical three-point turn of collection vehicles; and
- iv) the basement floor should be of industrial-type strength pavement and designed for a maximum wheel loading of 7 tonnes per axle in order to accommodate waste and recycling collection trucks.

25R.3 VEHICLE ACCESS/TURNING CIRCLES

Best design practice for access and egress from a development calls for a separate entrance and exit to allow the collection vehicle to travel in a forward direction at all times. Where there is a requirement for collection vehicles to turn at a cul-de-sac head within a development, the design should incorporate a bowl, 'T', or 'Y' shaped arrangement.

- 1 The design aspects that is to be taken into account include the following:
 - i) placement of waste and recycling bins outside each home, or in a common collection area;
 - ii) the presence of parked cars on access roads;
 - iii) trucks should only be expected to make a three-point turn to complete a U-turn; and
 - iv) allow for collection vehicle overhang and possible interference with bins and road furniture.

2 Internal Road Geometry

The design parameters covered in *AS2890.2 Off Street Parking – Part 2 Commercial Vehicle Facility* is to be complied with.

25R

25R.4 WHAT IS A WASTE MANAGEMENT PLAN?

- 1 A waste management plan (WMP) is a checklist that provides Council with details of the following:
 - i) the volume and type of waste to be generated;
 - ii) how the waste is to be stored and treated on site;
 - iii) how and where the non-reusable, or recyclable residual, is to be disposed of; and
 - iv) how ongoing waste management for the site will operate.

Completion of the WMP will help to determine what materials are on the site and how and where they will be stored, re-used/recycled and eventually disposed of. A list of local outlets and other waste disposal facilities can be obtained from Council's '*Register of Waster Receiving Facilities for Waste Planning*' and from the Waste Service NSW recycling directory.

A copy of the proforma WMP follows. Further copies can be obtained from Council's Customer Service counter or from Council's website (www.krg.gov.au).

25R.5 WASTE MANAGEMENT PLAN

To be completed for all Developer Applications:

To facilitate sustainable waste management and waste reduction, Council requires on-site sorting and storage of waste products pending re-use or collection. Completing this proforma will assist you in identifying the type of waste that will be generated and in advising Council how you intend to reuse, recycle or dispose of your waste.

The information provided on the proforma (and on your accompanied plans) will be assessed against the design objectives of the DCP (e.g. to maximise reuse and minimise disposal where possible) and the relevant controls for your particular use.

If space is insufficient in the table please provide attachments.

Outline of Proposal

Applicant's Name & Address: _____

Phone: ______Fax: _____

Site Address: _____

Buildings & other structures currently on the site:

Builders Name & Address: _____

Brief Description of Proposal: ______

The details provided on this form are your intentions for managing waste relating to this project.
Signature of Applicant: _____ Date: _____

25R

Section One: To be completed for all Development Applications involving demolition (including major renovations and excavation), single-dwellings, dual occupancy and non-habitable building or structure.

| | Weight/ Volume | Reuse/Recycling On site | Off site/Recycling Specify name & address of contractor/recycling outlet | Disposal Specify name & address of contractor/recycling outlet |
|--|-------------------|---|--|--|
| Timber | | Chip for landscaping on site Reuse Other | Deliver to second hand building yard Other | Landfill Dother |
| Plasterboard | | Mulch on site Other | Return good quality remnants to Other | Landfill Other |
| Bricks/Tiles/ Concrete | | Crush and use in landscaping Use for fill behind retaining walls Store on site for future use Other | Deliver to second hand building centre Other | Landfill Dther |
| Organics (green waste, vegetation etc.) | | Mulch on site for landscaping Other | Deliver to recycling centre or mulch company Other | Landfill Other |
| Fill | | Used in landscaping Other: | Other | Landfill Other |

| | Weight/ Volume | Reuse/Recycling On site | Off site/Recycling Specify name & address of contractor/recycling outlet | Disposal Specify name & address of contractor/recycling outlet |
|---|-------------------|-------------------------|--|--|
| Metal (e.g. steel, aluminum etc) | | | Deliver to second hand building centre DMetal Recycler Other | Landfill Other |
| Plastics – recyclable | | | Deliver to recycling company Other | Landfill Other |
| Plastics – non- recyclable | | | Return to manufacturer Other | Landfill Other |
| Contaminated material (e.g. asbestos) | | | Approved recycling Company | Approved Landfill |

Section Two: Construction Stage (To be completed and submitted with all Development Applications for all other developments not included in Section One).

| Materials on-site | | Destination | | |
|--------------------------------|------------------------|--|---|--|
| | | Reuse and | d Recycling | Disposal |
| Expected Waste Materials | Est. Volume (m³) | ON-SITE • Specify proposed reuse or on-site recycling methods • See Waste Guidelines for suggestions | OFF-SITE Specify contractor and recycling outlet See Waste Guidelines for suggestions Refer to Register of Waste Receiving Facilities for Waste Planning for outlets. | LANDFILL Specify contractor and landfill site Refer to Register of Waste Receiving Facilities for Waste Planning for outlets. |
| Excavation Material | | | | |
| | | | | |
| | | | | |
| Green Waste | | | | |
| Bricks | | | | |

| Concrete | | |
|----------------------------|--|--|
| Timber – please specify | | |
| Plasterboard | | |
| Metals – please specify | | |
| Other – please specify | | |

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) <u>must</u> be provided on the plan drawings accompanying your application.

Section Three: Use of Premises (Occupation Stage) (To be completed and submitted with all development Applications with Section Two).

| Type of waste material to be Generated | Proposed on-site storage & Treatment facilities | Destination |
|---|---|---|
| Please specify. For example – glass, paper, food waste, off cuts etc. | For example – • Waste storage and recycling area • On-site composting • Compaction equipment | Specify contractor name & address Recycling Disposal |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Note: Details of on-site waste management facilities must be provided on the plan drawings accompanying your application.

Section Four: On Going Management (To be completed and submitted with Sections Two and Three).

| Space Number of Units (if applicable): Estimated garbage generation (see Waste Guidelines at A.26): Estimated recycling generation (see Waste Guidelines at A.26): | | | |
|--|--|--|--|
| Describe the equipment & system to be used for managing: | | | |
| Garbage | | | |
| Recyclables | | | |
| Garden Organics (if applicable) | | | |
| | | | |

Access

Describe arrangements for access by system users to waste facilities (highlight on plan drawings):

Describe arrangements for access by collection contractors to waste facilities (highlight on plan drawings):

Amenity

Describe how noise associated with residents using bins, collection contractors emptying the bins has been minimised: ______

Describe the ventilation of waste storage areas (highlight on plan drawings):

Describe facilities for washing bins and waste storage areas (highlight on plan drawings): ____

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| Type of Premises | Garbage Generation | Recycling Generation | |
|---------------------------------------|-------------------------------|---------------------------------------|--|
| Food premises | | | |
| Butcher | 80L/100m² floor area/ day | Information not available | |
| Delicatessen | 80L/100m² floor area/ day | Information not available | |
| Fish shop | 80L/100m² floor area/ day | Information not available | |
| Greengrocer | 240 L/100m² floor area/day | 120L/100m² floor area/ day | |
| Restaurants | 660L/100m² floor area/day | 130L/100m² floor area/ day | |
| Supermarkets | 660L/100m² floor area/day | 240L/100m² floor area/ day | |
| Takeaway | 80L/100m² floor area/ day | Information not available | |
| Retail (non-food sales) | | | |
| Shops with less than 100m2 floor area | 50L/100m² floor area/ day | 25L/100m² floor area/ day | |
| Shops with over 100m2 floor area | 50L/100m² floor area/ day | 50L/100m² floor area/ day | |
| Showrooms | 40L/100m² floor area/ day | 10L/100m² floor area/ day | |
| Hairdresser | 60L/100m² floor area/ day | Information not available | |
| Other | | | |
| Backpacker accommodation | 40L/occupant/week | 20L/occupant/week | |
| Boarding house/ guesthouse | 60L/occupant/week | 20L/occupant/week | |
| Offices | 10L/100m²/day | 10L/100m²/day | |
| Hotel | 5L/bed/day50L | 50L/100m² of bar and dining areas/day | |
| | 100m² floor area/day | | |
| | 660L/100m² dining area/day | | |
| Licensed club | 50L/100m² floor area/ day | 50L/100m² of bar and diningareas/day | |
| Motel (without public restaurant) | 5L/bed/day | 1L/bed/day | |
| | 660L/100m² dining area/day | | |

Better Practice Guide for Waste Management in Multi-Unit Dwellings. The current standard NSW commercial waste generation rates are those established by the Combined Sydney Region of Councils. For further information on commercial waste generation rates as they become available, please refer to www.environment.nsw.gov.au

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