

Site Waste Minimisation and Management Plan (SWMMP)

Project Details

Project Details

Address of development	104 Alcorn Street, Suffolk Park NSW
Existing buildings and other structures currently on the site	The site is an existing suburban lot with existing residential dwelling
Description of proposed development	Demolition of the residence and and construction of a new dwelling, below ground pool and associated services installation and landscaping.
<i>This development achieves the waste objectives set out in the DCP. The details on this form are the provisions and intentions for minimising waste relating to this project. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as council, DECC or WorkCover NSW.</i>	
Date	February 2024

Demolition

Address of development: 104 Alcorn Street, Suffolk Park NSW

Refer to Section F3.1 of the DCP for objectives regarding demolition waste.

	Most Favourable ← Least Favourable			
	Reuse	Recycling	Disposal	
Type of Waste Generated	Est. Vol (m ³) or Weight (t)	Est. Vol (m ³) or Weight (t)	Est. Vol (m ³) or Weight (t)	Specify method of on-site reuse, contractor and recycling outlet and/or waste depot to be used
Excavation material				<i>Cut to fill will be balanced</i>
Timber (specify)			400 kg	<i>Scrap timber to be transported to the Byron Resource Recovery Centre</i>
Concrete			1.0 t	<i>Scrap concrete – as above</i>
Bricks/pavers/tiles			1.0 t	<i>Scrap bricks – as above</i>
Metal (specify)		10 kg		<i>As above</i>
Glass				<i>n/a</i>
Furniture				<i>n/a</i>
Fixtures and fittings		30 kg		<i>Tapware – as above</i>
Floor coverings				<i>n/a</i>
Packaging (used pallets, pallet wrap)			5 kg	<i>To be transported to the Byron Resource Recovery Centre</i>
Trees, vegetation and garden organics		100 kg		<i>To be transported to the Byron Resource Recovery Centre</i>
Containers (cans, plastic, glass)		1 kg		<i>To be transported to the Byron Resource Recovery Centre</i>
Paper/cardboard		1 kg		<i>As above</i>
Residual waste				<i>n/a</i>
Hazardous/asbestos waste (specify)				TO BE CHECKED

Other (specify)				
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Construction

Address of development: 104 Alcorn Street, Suffolk Park NSW

Refer to Section F3.2 of the DCP for objectives regarding construction

	Most Favourable ← Least Favourable			
	Reuse	Recycling	Disposal	
Type of Waste Generated	Est. Vol (m ³) or Weight (t)	Est. Vol (m ³) or Weight (t)	Est. Vol (m ³) or Weight (t)	Specify method of on-site reuse, contractor and recycling outlet and/or waste depot to be used
Excavation material				<i>The Development won't result in excess spoil.</i>
Timber (specify)		<i>1.0m³</i>		
Concrete		<i>0.5m³</i>		<i>To concrete crushing and recycling facility</i>
Bricks/pavers/tiles	<i>2.0m³</i>			<i>Any excess to be stored on site for later use</i>
Metal (specify)		<i>2.0m² - various</i>		<i>To scrap metal recycling facility</i>
Glass				<i>N/A</i>
Furniture				<i>N/A</i>
Fixtures and fittings				<i>N/A</i>
Floor coverings				<i>N/A</i>
Packaging (used pallets, pallet wrap)		<i>5.0m³</i>	<i>1.0m³</i>	<i>Recycle when able, remainder taken to Byron Resource Recovery Centre</i>
Garden organics				<i>N/A</i>
Containers (cans, plastic, glass)		<i>1.0m³</i>		<i>Byron Resource Recovery Centre</i>
Paper/cardboard		<i>7.0m³</i>		<i>Recycle when able, remainder taken to Byron Resource Recovery Centre</i>

Residual waste		1.0m³	1.0m³	<i>Recycle when able, remainder taken to Byron Resource Recovery Centre</i>
Hazardous/asbestos waste (specify)				N/A
Other (specify)				N/A

Ongoing Operation

Address of development: 104 Alcorn Street, Suffolk Park NSW

Show the total volume of waste expected to be generated by the development and the associated waste storage requirements.

	Recyclables		Compostables	Residual Waste*	Other
	Paper/ Cardboard	Metals/ Plastics/ Glass			
Amount generated (per day)	N/A	N/A	N/A	1kg	N/A
Amount generated (per week)	1kg	N/A	N/A	7kg	N/A
Any reduction due to compacting equipment	N/A	N/A	N/A	N/A	N/A
Frequency of collections (per week)	0.5		1	0.5	N/A
Number and size of storage bins required	N/A		N/A	1 small general waste bin 1 medium recycling 1 medium green waste	N/A
Floor area required for storage bins (m ²)	N/A		N/A	2.0m ²	N/A
Floor area required for manoeuvrability (m ²)	N/A		N/A	N/A	N/A
Height required for manoeuvrability (m)	N/A		N/A	2.0m	N/A

Construction Design (All Types of Developments)

Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development (refer to Section B8.3.2 of the DCP):

Materials

Materials will be recovered from the demolished buildings and structures where possible. Timber windows and doors will be salvaged and reused in new dwelling.

Site disturbance will occur across the entire site.

Materials required for construction of new dwellings and installation of infrastructure and pathways will be ordered as required. i.e. surplus material will not be ordered, thus reducing the likelihood of waste generation. Volumes and lengths will be estimated prior to ordering.

Bins will be provided on site including a dedicated and marked bin for recyclables and general waste.

Lifecycle

Recycled materials will be used wherever possible.

Packaging will be recycled wherever possible.

Sustainable use of water will be encouraged.

Detail the arrangements that would be appropriate for the ongoing use of waste facilities as provided in the development. Identify each stage of waste transfer between residents' units/commercial tenancies and loading into the collection vehicle, detailing the responsibility for and location and frequency of, transfer and collection.

The existing waste collection schedule in place for Byron Bay will continue.

Plans and Drawings

The following checklists are designed to help ensure SWMMPs are accompanied by sufficient information to allow assessment of the application. Drawings are to be submitted to scale, clearly indicating the location of and provisions for the storage and collection of waste and recyclables during:

- demolition
- construction
- ongoing operation

Demolition <i>Refer to Section F3.1 of the DCP for specific objectives and measures.</i> Do the site plans detail/indicate:	Select Yes or No
Size and location(s) of waste storage area(s)	To be determined on site and adjusted during demolition works.
Access for waste collection vehicles	
Areas to be excavated	
Types and numbers of storage bins likely to be required	
Signage required to facilitate correct use of storage facilities	
Construction <i>Refer to Section F3.2 of the DCP for specific objectives and measures.</i> Do the site plans detail/indicate:	Select Yes or No
Size and location(s) of waste storage area(s)	To be determined on site
Access for waste collection vehicles	Yes
Areas to be excavated	Yes
Types and numbers of storage bins likely to be required	Yes
Signage required to facilitate correct use of storage facilities	Yes
Ongoing Operation <i>Refer to Section F4 of the DCP for specific objectives and measures.</i> Do the site plans detail/indicate:	Select Yes or No
Space	
Size and location(s) of waste storage areas	Yes
Recycling bins placed next to residual waste bins	Yes
Space provided for access to and the manoeuvring of bins/equipment	Yes
Any additional facilities	No
Access	
Access route(s) to deposit waste in storage room/area	Yes
Access route(s) to collect waste from storage room/area	Yes
Bin carting grade	Yes
Location of final collection point	Street frontage
Clearance, geometric design and strength of internal access driveways	Yes
Direction of traffic flow for internal access driveways and roads	Yes
Amenity	
Aesthetic design of waste storage areas	Yes
Signage – type and location	No
Construction details of storage rooms/areas (including floor, walls, doors, ceiling design,	Yes