

# WASTE MANAGEMENT PLAN

## DEMOLITION, CONSTRUCTION AND USE OF PREMISES

The applicable sections of this table must be completed and submitted with your Development Application.

Completing this table 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 the waste.

The information provided on the form (and on your plans) will be assessed against the objectives of the DCP.

If space is insufficient in the table please provide attachments.

### Outline of Proposal

<i>Site Address:</i>	Lot 11, DP 840939 <b>674 Richmond Road GLENDENNING NSW 2761</b>
<i>Applicant's name and address:</i>	<b>Zhinar Architects Pty Ltd</b> PO Box 229, Eastwood NSW 2122
<i>Phone:</i>	(02) 8893-8888
<i>Buildings and other structures currently on the site:</i>	1 x Single storey brick dwelling, brick & tiled garage, metal sheds, metal awning.
<i>Brief Description of Proposal:</i>	Demolition of existing structures and construction of a single-storey brick & metal-sheet roofed long-day child care centre and car-park.

The details provided on this form are the intentions of managing waste relating to this project.

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

## **SECTION ONE – DEMOLITION**

This is the stage with the greatest potential for waste minimisation, particularly in Sydney where there are high levels of development, relatively high tipping charges and where alternative quarry materials are located on the outskirts.

Applicants should consider if it is possible to re-use existing buildings, or parts thereof, for the proposed use.

With careful on-site sorting and storage and by staging work programs, it is possible to re-use many materials, either on-site or off. Instead of simply pulling down a building, waste management encourages the practice of recycling on site. This could require a number of colour-coded or clearly labeled bins on-site rather than one size fits all.

- Location of on-site storage space for materials (for re-use) and containers for recycling and disposal.
- Vehicle access to the site and to storage and container areas.

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## Demolition Stage 1

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> )	<b>ON-SITE</b> <ul style="list-style-type: none"> <li>Specify proposed reuse or on-site recycling methods.</li> </ul>	<b>OFF-SITE</b> <ul style="list-style-type: none"> <li>Specify contractor and recycling outlet.</li> </ul>	<ul style="list-style-type: none"> <li>Specify contractor and landfill site.</li> </ul>
Excavation Material	80 m3 (Nett)	Keep and re-use topsoil for landscaping. Store on-site. Use some behind retaining walls etc.	Art Excavations and Demolitions. P.O Box M37 Bankstown NSW 2200	Nil
Green Waste	5 m3	Separated. some chipped and stored on-site for re-use on landscaping	Remainder to Australian Native Landscapes P/L Badgerys Creek	Nil
Bricks	5 m3	Clean and re-use lime mortar bricks for fill	Concrete mortar bricks to Brandown Crushing and Recycling Company	Nil
Concrete/stone cladding	10 m3	Crush concrete for temporary driveway	Concrete to Brandown crushing and Recycling Company	Nil
Cladding/ Weatherboard	-	Break-up and remove from site	To Brandown Recycling Facilities	Nil
Timber – Hardwood/pine	5 m2	Re-use for form-work and stud-work. Chip reminder for use in landscaping.	To stockpile at Brandown transfer station, by approved Waste Contractor	Nil
Plasterboard	10 m2	Break-up and remove from site	To Brandown Recycling Facilities	Nil
Metals – Zinc-alum	3 m2	Nil	To Sell & Parker Metal Recyclers	Nil
Tiles and door fitting Including roof tiles	100 m2	Broken tiles for fill on-site sale of door fittings	Remainder to Brandown Recycling facilities	Nil
Kitchen cupboard, sink & stove	-	Nil	To Brandown Recycling Facilities	Nil
Bathtub vanity and closet pan	-	Nil	To Brandown Recycling Facilities	Nil
Asbestos	-	Nil	To Kari and Ghossayn Land Fill By Approved Waste Contractor	Kari and Ghossayn Waste Depot Clifton Ave, Kemps Creek

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

## **SECTION TWO – CONSTRUCTION AND USE**

### **Section 2(a) – Potential for Waste Minimisation During Construction Stage**

The following measures should be considered when looking to save resources and minimise waste at the construction stage.

- Purchasing Policy – considering measures such as ordering the right quantities of materials and prefabrication of materials where possible;
- Reusing form-work;
- Minimising site disturbance, limiting unnecessary excavation;
- Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling; and
- Co-ordination/sequencing of various trades.

The following details should be shown on your plans.

- Location of temporary storage space within each dwelling unit;
- Location of Waste Storage and recycling Area(s), per dwelling unit or located communally on-site. In the latter case this could be a Garbage and Recycling room;
- Details of design for Waste Storage and Recycling Area(s) or Garbage and Recycling Room(s) and any conveyance of volume reduction equipment; and
- Location of communal composting area.

### **Section 2(b) – Design Of Facilities**

The following details should be shown on your plans:

- Location of Waste Storage and Recycling Area(s) per unit or located communally on-site;
- Details of design of Waste Storage and Recycling Area(s);
- Where appropriate, design details of Garbage and Recycling Room(s);
- Access for vehicles.

Every building shall be provided with a Waste Storage and recycling Area which is flexible in size and layout to cater for future changes in use. The size is to be calculated on the basis of waste generation rates and proposed bin sizes.

### **Section 2(c) – On-going Management**

This section will enable you to describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, care-taker/manager on-site).

## Construction - Stage 2(a)

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> )	<b>ON-SITE</b> • Specify proposed reuse or on-site recycling methods.	<b>OFF-SITE</b> • Specify contractor and recycling outlet.	• Specify contractor and landfill site.
Excavation Material		Covered in sectional as part of demolition		
Green Waste		Covered in sectional as part of demolition		
Bricks	5 m3	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Concrete	2.5 m3	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Timber – Oregon Pine Timber pallets Particle board finishes	6 m3	Chip for landscaping sell some on-site for firewood	Remainder to approved landscaping supplies of chipping and composting	Nil
Plasterboard	3 m3	Break-up and use in landscaping	Remainder to Boral Recycling 3 Thackery St Camellia 2142	Nil
Metals – Copper Aluminum	1.5 m3	Nil	To Sell & Parker Metal Recyclers for re-use	
Other – Electrical fittings Reject trade-ins PVC Plastic	4 m3	Nil		To Collex Recycling Waste Contractors

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

## Design of Facilities – Stage 2(b) All waste removal by Council contractor

TYPE OF WASTE TO BE GENERATED	EXPECTED VOLUME PER WEEK	PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES	DESTINATION
<i>Please specify. For example: glass, paper, food waste, off cuts etc.</i>	<i>Litre or m3</i>	<i>For example:</i> <ul style="list-style-type: none"> <li>Waste storage &amp; recycling area</li> <li>Garbage chute</li> <li>On-site composting</li> <li>Compaction equipment</li> </ul>	<ul style="list-style-type: none"> <li>Recycling</li> <li>Disposal</li> <li>Specify Contractor</li> </ul>
A. Child-care (Commercial) Recyclables:- 1.Paper and cardboard waste. 2.Glass, aluminum and plastic (bottles).	600 Litres  600 Litres	A. 660 litres recycling bin for paper, cardboard, glass, plastic and aluminium.	Paper/cardboard to recyclers. Glass/ aluminum & plastic to be collected by Council appointed contractor
<b>Total</b>	<b>2 x 660 L Bins</b>		
B. Child-care (commercial) Non-recyclables:- 1.Food-scrap etc. 2.Other plastics (eg wrapping). 3.Non-recyclable waste	400 Litres 400 Litres  400 Litres	B. 660 litres waste bin.	To be collected by Council appointed contractors
<b>Total</b>	<b>2 x 660 L Bins</b>		

Note: Estimate of required volumes as per advice received from Council (Peta Golla) for Child-care centres:  
240 L x 20 child places = recycling  
240 L x 20 child places = waste

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

### On-going Management – Stage 2(c)

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker/manager on-site).

- The Owner will provide an Environmental Management System addressing waste and recycling. This will include expectations and achievable objectives for sorting and separating waste.
- An information kit will be provided for occupants, followed up every 12 months.
- Council's contractors will be removing all waste on collection day. Occupants will arrange to locate bins to Council's requirements.
- The occupants will be responsible for transferring waste/recycling bins to the kerb for collection and will be responsible for keeping the area clean and tidy.