

## **DEMOLITION WASTE MANAGEMENT PLAN**

**SITE ADDRESS: 1 PITT ROAD, NORTH CURL CURL**

Single level Brick Veneer Residence

1. Reputable Demolition Contractor to be appointed.
2. No demolition waste is to be stockpiled onsite. Demolition waste will be loaded directly onto trucks for transportation to the below mentioned licensed disposal facilities.

<b>MATERIALS ON SITE</b>		<b>DESTINATION</b>		
		<b>RE-USE AND RECYCLING</b>		<b>DISPOSAL</b>
<b>TYPE OF MATERIAL</b>	<b>ESTIMATED</b>	<b>ON SITE</b>	<b>OFF SITE</b>	<b>LOCATION</b>
Excavated	NIL	N/A	Alexandria Landfill	Albert Street St Peters
Green Waste	½ Tonne	N/A	SITA	Wallgrove Road Eastern Creek
Bricks	180 Cubic metres	N/A	Concrete Recyclers Recycling Yard	14 Thackeray St Camellia
Concrete	12 Cubic metres	N/A	Concrete Recyclers Recycling Yard	14 Thackeray St Camellia
Tiles	4 Cubic metres	N/A	Concrete Recyclers Recycling Yard	14 Thackeray St Camellia
Timber	8 Tonnes	N/A	Blacktown Waste Services Landfill	920 Richmond Rd Marsden Park
Plaster	2.5 Tonnes	N/A	Blacktown Waste Services Landfill	920 Richmond Rd Marsden Park
Glass	1/2 Tonne	N/A	Blacktown Waste Services Landfill	920 Richmond Rd Marsden Park
Metal	NIL	N/A	Sell & Parker Pty Ltd	42 Tatersall Road Blacktown
Asbestos	¼ Tonne (to be tested)	N/A	Blacktown Waste Services Landfill	920 Richmond Rd Marsden Park

## **WASTE MANAGEMENT PLAN**

### **1 PITT ROAD, NORTH CURL CURL**

#### **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 will advise Council of how you intend to reuse, recycle or dispose of the waste.

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

#### **Outline of Proposal**

Site Address: 1 Pitt Road,  
North Curl Curl

#### **Applicant's name and address:**

Gremmo Homes Pty Ltd,  
PO Box 6420, BHBC  
Baulkham Hills, NSW, 2153  
Phone: 9894 1633

#### **Structures currently on the site:**

Single storey brick veneer  
dwelling

#### **Description of Proposal:**

Construction of three storey  
dwelling & swimming pool

It is our intention to keep wastage to a minimum & to recycle all wastage possible.

## **STAGE TWO-CONSTRUCTION**

### **Stage Two:- Potential for Waste Minimisation During Construction Stage**

- Consider the following measures that may also save resources and minimise waste at the construction stage:
  - Purchasing Policy - i.e. Ordering the right quantities of materials and prefabrication of materials where possible;
  - Reusing formwork ;
  - Minimising site disturbance, limiting unnecessary excavation;
  - Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling;
  - Co-ordination/sequencing of various trades.

### **How to Estimate Quantities of Waste**

- There are many simple techniques to estimate volumes of construction and demolition waste. The information below can be used as a guide by builders, developers and homeowners when completing a Waste Management Plan:
- When estimating waste the following percentages are building "rule of thumb" and relate to renovations and small home building:

<b>Material</b>	<b>Waste as a Percent of the Total Material Ordered</b>
Timber	5 – 8 %
Plasterboard	5 – 20 %
Concrete	3 – 5 %
Bricks	5 – 8 %
Tiles	2 – 5 %

## Converting Volume into Tonnes : A Guide for Conversion

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Timber = 0.5 tonne per m <sup>3</sup>
Concrete = 2.4 tonne per m <sup>3</sup>
Bricks = 1.0 tonne per m <sup>3</sup>
Tiles = 0.75 tonne per m <sup>3</sup>
Steel = 2-4 tonne per m <sup>3</sup>

- To improve provide more reliable figures:
- Compare your projected waste quantities with actual waste produced;
- Conduct waste audits of current projects;
- Note waste generated and disposal methods;
- Look at past waste disposal receipts;
- Record this information to help estimate future waste management plans.
- On waste management plan amounts of waste may be stated in - m<sup>2</sup> or m<sup>3</sup> or tonne (t).
- For any assistance with your Waste Management Plan, please conduct

for proposal during construction

**Construction Stage Two-**

Materials On-Site		DESTINATION		
		REUSE & RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m3) or Area (m2) or weight (t)	ON-SITE specify how materials will be reused or recycled on-site	OFF-SITE specify the contractor and recycling outlet	Landfill site specify the contractor and
*EXAMPLE *e.g. bricks	*e.g. 2m3	*e.g. clean & reuse for footings and broken bricks behind retaining walls	*e.g. sent by Demolishers to	*e.g. nil to landfill
			Recycling Company	
Excavation Material	0			
Green Waste	0			
Bricks / Blocks	2m <sup>3</sup>	Re use leftover bricks, brick company pick up full pallets, temporarily store on site	CC Constructions Knight Syndicate	Knights Syndicate Rouse Hill
Tiles	1 m <sup>3</sup>	Use behind retaining walls or	CC Constructions Knight Syndicate	Knights Syndicate Rouse Hill
Concrete	1 m <sup>3</sup>			
Timber - please specify	4 m <sup>3</sup>	Stock pile in front yard long offcuts used on other jobs	CC Constructions Knights Syndicate	Collex Waste Management (chip timber)
Plasterboard	3 m <sup>3</sup>	Stock pile in front yard	CSR Recycle	Jarmax Pty Ltd Narrellan Waste
Metals	0			

Materials On Site		DESTINATION		
		REUSE & RECYCLING	DISPOSAL	
Type of Material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) or weight (t)	ON SITE  Specify how materials will be reused or recycled on-site	OFF SITE	Specify the <u>contractor</u> and landfill <u>site</u>
			Specify the contractor and recycling outlet	
Other Waste e.g. ceramic tiles, paints, plastics, PVC tubing, cardboard.	8m <sup>3</sup>	Stock pile in front yard in temporary bin	CC Constructions Knights Syndicate	Knights Syndicate Rouse Hill

**How will waste be separated and/or stored onsite for reuse and recycling?  
How will site operations be managed to ensure minimal waste creation and maximum reuse and recycling?**

eg. Staff training, recycled materials used in construction, waste management requirements stipulated in contracts with sub-contractors, on-going checks by site supervisors, separate area set aside for sorted wastes, clear signage of waste areas etc.

***Site Project Managers to control waste issue. Gremmo Homes Pty Ltd has employed a person to specifically look after waste and siltation fencing.***

***All sub-contractors have been and are continually made aware of our waste management policies.***

***Separate bays are to be constructed to take the different wastes ie: recyclable, general and masonry.***

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

### **STAGE THREE- DESIGN OF FACILITIES**

- 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 onsite. 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 or volume reduction equipment; and
  - Location of communal composting area.
  - 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.

#### **Stage 3 - Design of Facilities - To be completed if designing waste facilities for the proposed development**

<b>TYPE OF WASTE TO BE GENERATED</b>	<b>EXPECTED VOLUME PER WEEK</b>	<b>PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES</b>	<b>DESTINATION</b>
Please specify. For example: glass, paper food waste, offcuts etc.	Litre or m3	<b>For example:</b> Waste storage & recycling area Garbage chute On-site composting Compaction equipment	recycling disposal specify contractor
<b>See attached &amp; Plans</b>			

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

## **ON-GOING MANAGEMENT**

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

*General rubbish - 11/2m<sup>3</sup> - grey Sulo bin - Council contractor*

*Recycled waste - 1/2m<sup>3</sup> - yellow Sulo bin - Council contractor*

*Green Waste - 1/2m<sup>3</sup> - green Sulo bin - Council contractor*

*Paper Waste - 1/2m<sup>3</sup> - blue Sulo bin - Council contractor*