



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

Please refer to the City of Parramatta Waste Management Guidelines for new applications for the specific requirements for your type of application.

If you choose to provide an alternative waste management plan to the attached template please ensure all of the required information is addressed. Failure to provide all the required information may lead to further information being requested and a hold up in the final decision of your application.

The information provided will be assessed against the objectives of City of Parramatta Council Development Control Plan (DCP) 2011.

**Outline of Proposal****Site address:**

26 Rose Crescent & 69-73 BOURKE Street, NORTH PARRAMATTA

**Applicant's name and address:** \_\_\_\_\_

Barry Rush & Associates Pty Ltd

Suite 25a, 2 Beattie Street, Balmain

**Phone:** (02) 9555 8028

**Building and other structures currently on site:** \_\_\_\_\_

3 x single storey brick and tile residential unit buildings, and ancillary carports and sheds.

**Brief description of proposal**

Demolition of existing structures, tree removal, and construction of multi-unit residential development consisting of 8 x 2 bed units and 6 x 1 bed units with onsite parking for 11 vehicles, and associated site works.

The details provided on these forms, plans and attached documents are the intentions of managing waste relating to this project.

**Signature of applicant:**



**Date:** 2 June 2022

**DEMOLITION & CONSTRUCTION**

Council is seeking to reduce the quantity of waste and encourage the recycling of waste generated by demolition and construction works. Applicants should seek to demonstrate project management which seeks to:

1. Re-use excavated material on-site and disposal of any excess to an approved site
2. Green waste mulched and re-used on-site as appropriate, or recycled off-site
3. Bricks, tiles and concrete re-used on-site as appropriate, or recycled off-site
4. Plasterboard waste returned to supplier for recycling
5. Framing timber re-used on site or recycled off-site
6. Windows, doors and joinery recycled off-site
7. All asbestos, hazardous and/or intractable wastes are to be disposed of in accordance with WorkCover Authority and EPA requirements
8. Plumbing, fittings and metal elements recycled off site
9. Ordering the right quantities of materials and prefabrication of materials where possible
10. Re-using formwork
11. Careful source separation of off-cuts to facilitate re-use, resale or recycling

## 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 & homeowners when completing a waste management plan:

To estimate Your Waste:

1. Quantify materials for the project
2. Use margin normally allowed in ordering
3. Copy these amount of waste into your 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	5-7%
Plasterboard	5-20%
Concrete	3-5%
Bricks	5-10%
Tiles	2-5%

## Converting Volume into Tonnes : A Guide for Conversion

Timber = 0.5 tonnes 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 a waste management plan amounts of waste may be stated in – m<sup>2</sup> or m<sup>3</sup> or tonnes (t).

### **IMPORTANT**

- The following tables should be completed by applicants proposing any demolition or construction work including the change of use, fit-out as well as alterations and additions of existing premises.
- The location of temporary waste storage areas and soil stockpiles during demolition and construction are to be shown on the submitted plans.
- Vehicle access to and from the site must be shown on the submitted plans.
- Stage three – Design of facilities should be completed by all applicants including change of use, fit-out as well as alterations and additions.

## Demolition Stage One – To be completed for proposals involving demolition

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
* <u>Example only</u>  * Bricks	*2m <sup>3</sup>	* Clean and reuse for footings	*Broken bricks sent by XYZ demolishers to ABC Recycling company (including address and contact number)	* Nil to landfill *or sent by XYZ demolishers to ABC Recycling company (including address and contact number)
<b>Excavation material</b>	75m <sup>3</sup>	Keep and reuse top soil for landscaping. Store on site.		To landfill site determined by the Contractor
<b>Green waste</b>	20m <sup>3</sup>	Separated. Some chipped and stored on site for reuse on landscaping		To landfill site determined
<b>Bricks</b>	20m <sup>3</sup>	Clean and reuse lime mortar bricks for fill	To crushing and recycling company determined by the Contractor.	
<b>Tiles</b>	8m <sup>3</sup>	Crush concrete for temporary driveway	To crushing and recycling company determined by the Contractor.	nil
<b>Concrete</b>	50m <sup>3</sup>	Crush concrete for temporary driveway	To crushing and recycling company determined by the Contractor.	nil
<b>Timber</b>	40 m <sup>3</sup>	Reuse for formwork and studwork. Chip remainder for use in landscaping	To stockpile at transfer station, determined by the Contractor.	nil

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
* <u>Example only</u>  * Bricks	  *2m <sup>3</sup>	  * Clean and reuse for footings	  *Broken bricks sent by XYZ demolishers to ABC Recycling company (including address and contact number)	  * Nil to landfill *or sent by XYZ demolishers to ABC Recycling company (including address and contact number)
<b>Plasterboard</b>	32 m3	Break up and remove from site	To landfill site determined by the Contractor	Plasterboard
<b>Metals</b>	16 m3	nil	To metal recycler determined by the Contractor.	nil
<b>Asbestos</b>	6 m3	nil	To be removed by approved asbestos waste contractor	nil
<b>Other waste</b>	12 m3	nil	To approved recycling facilities	nil

**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?**

e.g. Staff training, selected deconstruction v. straight demolition, waste management requirements stipulated in contracts with sub-contractors, on-going checks by site supervisors, separate area set aside for sorted wastes, clear signage for waste areas etc .

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

Refer Sediment Control Plan, Notes and details drawings #C7 and C8 for details of site area to be used for on-site separation, treatment and Storage of waste

**Construction Stage two – To be completed for proposals involving construction**

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
* <u>Example only</u>  * Bricks	  *2m <sup>3</sup>	  * Clean and reuse for footings	  *Broken bricks sent by XYZ demolishers to ABC Recycling company (including address and contact number)	  * Nil to landfill *or sent by XYZ demolishers to ABC Recycling company (including address and contact number)
<b>Excavation material</b>		Covered in demolition section		
<b>Green waste</b>		Covered in demolition section		
<b>Bricks</b>	3 m3	Use for fill behind retaining walls and on driveways	Remainder to crushing and recycling company determined by the Contractor	nil
<b>Tiles</b>	0			
<b>Concrete</b>	0.75 m3	Use for fill behind retaining walls and on driveways	Remainder to crushing and recycling company determined by the Contractor	nil
<b>Timber</b>	0.8 m3	Chip for landscaping.	Remainder to approved landscaping supplies of chipping and composting	nil

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
* <u>Example only</u>  * Bricks	*2m <sup>3</sup>	* Clean and reuse for footings	*Broken bricks sent by XYZ demolishers to ABC Recycling company (including address and contact number)	* Nil to landfill *or sent by XYZ demolishers to ABC Recycling company (including address and contact number)
<b>Plasterboard</b>	1 m3	nil	Remainder return to manufacturer for recycling	nil
<b>Metals</b>	0.5m3	nil	To metal recyclers for sale and reuse	nil
<b>Other waste</b>	0	nil	To recycling waste contractors	Remainder to landfill site determined by contractor

**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?**

e.g. 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.

---

Selected builder will manage the waste separation, storage, reuse and recycling. - Refer Sediment Control Plan, Notes and details drawings #C7 and C8 for details of site area to be used for on-site separation, treatment and Storage of waste.

---



---



---



**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.

### **Design of facilities (Use of site) Stage three – To be completed for all proposals including change of use, fit out as well as alterations and additions**

- Applicants should refer to Councils document 'Waste Management Guidelines for new Development Applications' for specific requirements related to the type of development proposed. This is available on Councils website.
- In the case of change of use, fit out as well as alterations and additions, if the proposal involves existing waste management practices then full details of current methods are to be provided
- All proposals are to show the waste storage areas on plan drawings which should accompany your application

Type of waste to be generated	Expected volume per week, number and size of bins	Proposed on-site storage and treatment facilities	Destination and contractor
Please specify. E.g. glass, paper, food waste, green waste, compost etc.	Volume (Litres – L)	For example: waste storage room, garbage chute, compaction equipment	For example: Recycling, landfill by council or private contractor (include name of contractor)
*Example only *Non-recyclable	*480L/week 2 x 240 L bins	*Waste storage room	*Landfill and recycling collected by XXX Collection company
waste	1500lts	waste storage and recycling area	Council service
recycling	1800lts	waste storage and recycling area	Council service

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker, strata manger) as well as provide details of how the bin store area complies with councils bin storage area requirements relevant to the type of proposed development.

Each Unit will have a garbage/recycling receptacle located within the kitchen.

Residents will collect and deposit their individual waste into the nearest common bins within the garbage bays.

Provision has been made for storage of 17 garbage/recycling bins over 3 designated garbage bays across the site. Two of these are located on Bourke St and one on Rose Crescent.

The bin storage areas are designed following council requirements i.e. they are of sufficient height to screen bins, are not located adjacent POS or drying areas, are provided with a tap and are accessible to all residents.

A contractor will be engaged to bring out the bins and line them at the kerb for easy access for waste contractors.

Council waste contractors will load the garbage, recycle or green waste into the collection vehicles to take it away.

The contractor will bring the bins back into the waste storage areas after the waste collection and clean the area as required.

## **FINAL CHECK**

Please read and tick the box to ensure all required information has been provided

1. Have you checked the waste requirements for the proposed type of development in Councils document 'Waste Management Guidelines for new Development Application and provided all of the required information? ☒
2. Have you completed the relevant sections to your application of the above waste management plan template or provided an alternative waste management plan addressing the required information? ☒
3. Have you shown use of site waste storage areas, garbage chutes, bin pulls and compaction equipment on plans accompanying this application? ☒
4. Have you shown the location of temporary waste storage areas, soil stock piles and vehicle entry/exit points during construction and demolition on the plans accompanying this application? ☒
5. Have you shown the waste collection vehicle access to the collection point on-site (if applicable) on the plans accompanying this application ☒
6. Have you shown the pathway taken to move the bins to and from the on street collection point and the location of the on street collection point on the plans accompanying this application? ☒