

3N.2 Demolition and Construction

Objectives

- O1** To minimise the volume of waste generated during demolition and construction;
- O2** To maximise the re-use and recycling of materials generated during demolition and construction; and
- O3** To minimise the volume of waste that is directed to landfill.

Controls

- C1** A Site Waste Minimisation and Management Plan in accordance with Part 1 – Model Site Waste Minimisation and Management Plan (refer to **Part 3N.4 - Appendices**) must be submitted for Development Application involving:
 - (i) Demolition
 - (ii) New development; and
 - (iii) Alterations and additions affecting more than 20m² of floor area.
- C2** A detailed plan must be submitted showing:
 - (i) A scaled drawing of any bin/container storage room (s) and area(s), temporary holding area(s), waste chute service room(s) and interim recycle/waste storage room(s);
 - (ii) Details regarding how waste is to be minimised within a development;
 - (iii) Estimation of quantities and types of materials to be re-used or left over from removal from the site;
 - (iv) Details regarding the types of waste and likely quantities of waste to be produced;
 - (v) A site plan showing areas away from public access for reusable materials and recyclable materials during demolition and construction and the vehicle access to these areas;
 - (vi) Details of reusing and recycling methods for waste either on-site or off-site;
 - (vii) Target for recycling and reuse;
 - (viii) Nomination of persons responsible for ensuring targets are met and the person responsible for retaining waste dockets from facilities appropriately licensed to receive the development's construction and demolition waste;
 - (ix) Confirmation that all waste going to landfill is not recyclable or hazardous; and
 - (x) Measures to reuse or recycle at least 80% of construction and demolition waste, either on site or diverted for reused and recycling with receipts sufficient to demonstrate the target will be achieved.

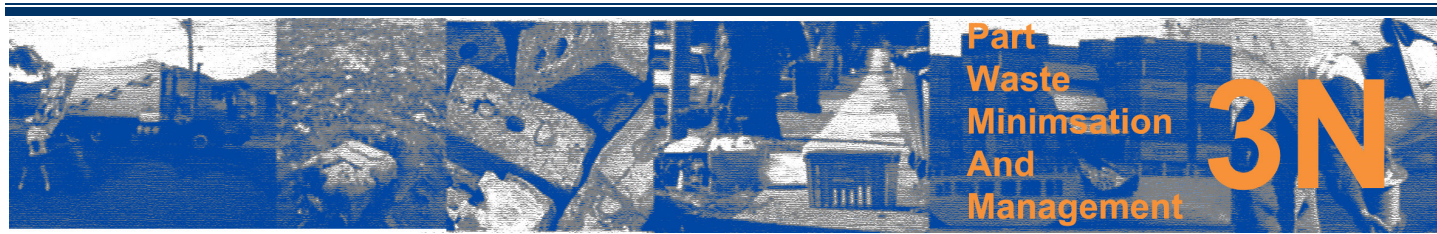


- C3** Materials that have an existing reuse or recycling market should not be disposed of in landfill. **Table 1** provides some examples of demolition materials and potential reuse/recycling opportunities.
- C4** Separate collection bins or storage areas for materials to be reused, recycled and directed to landfill are to be provided.
- C5** All storage areas and collection bins must be located within the site boundaries.
- C6** Any material moved offsite is to be transported in accordance with the requirements of the *Protection of the Environment Operations Act (1997)*.
- C7** Where space on a development is limited, approval may be granted by Council to place a skip on a footpath or other public area if the location of the container(s):
- (i) Does not disturb traffic flow or pedestrian movement; and
 - (ii) Does not disturb normal stormwater flow.
- C8** Generation, storage, treatment and disposal of hazardous waste and special waste (including asbestos) must be conducted in accordance with relevant waste legislation administered by the EPA and relevant Occupational Health and Safety legislation administered by WorkCover NSW.
- C9** Evidence/records such as weighbridge dockets and invoices for waste disposal or recycling services are to be retained on site demonstrating lawful disposal of waste.
- C10** All waste and recycling is to be stored so as to prevent damage by the elements.
- C11** Storage areas must be easily accessible for collection vehicles, clearly signposted indicating purpose and content and managed appropriately to prevent stormwater pollution, damage to vegetation and odour and health risks.

Table 1 - Example of Demolition Materials and Potential Reuse/Recycling Opportunities

Source: Combined Sydney Regional Organisation of Councils Model DCP 1997

Material	Reuse/Recycling Potential
Concrete	Reused for filling, levelling or road base
Bricks and Pavers	Can be cleaned for reuse or rendered over or crushed for use in landscaping and driveways
Roof Tiles	Can be cleaned and reused or crushed for use in landscaping and driveways
Untreated Timber	Reused as floorboards, fencing, furniture, mulched or sent to second hand timber suppliers
Treated Timber	Reused as formwork, bridging, blocking and propping, or sent to second hand timber suppliers
Doors, Windows, Fittings	Sent to second hand suppliers
Glass	Reused as glazing or aggregate for concrete production
Metals (fittings, appliances and wiring)	Removal for recycling
Synthetic Rubber (carpet underlay)	Reprocessed for use in safety devices and speed humps
Significant Trees	Relocated either onsite or offsite
Overburden	Power screened and used as topsoil
Garden Waste	Mulched, composted
Carpet	Can be sent to recyclers or reused in landscaping
Plasterboard	Removal for recycling, return to supplier
Electrical Waste	Must be correctly recycled



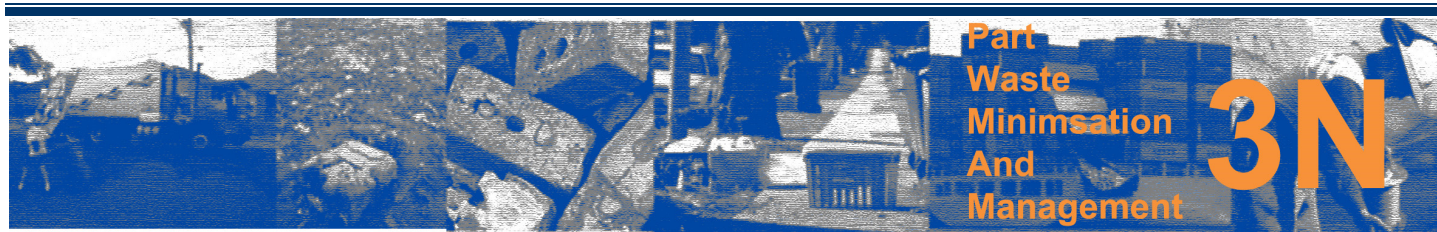
3N.4 Appendices

3N.4.1 Model Site Waste Minimisation and Management Plan

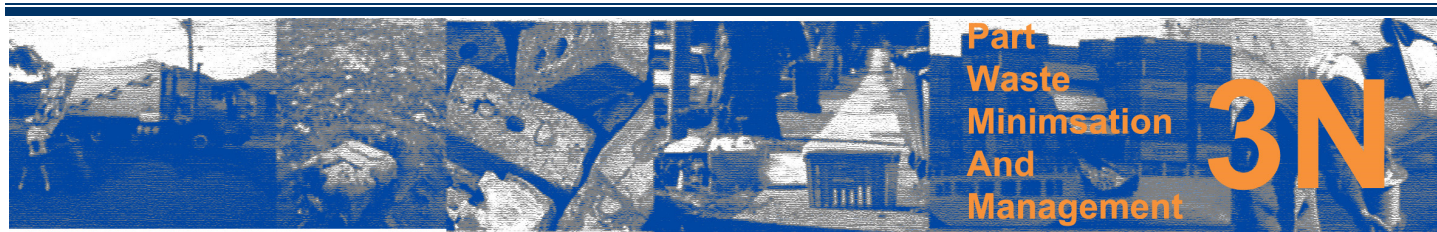
3N.4.1.1 Part 1 – Demolition / Construction: Model Site Waste Minimisation and Management Plan

Source: Marrickville DCP 2011

GENERAL REQUIRMENTS	
Site Address:	2 Myrtle Street, BOTANY NSW 2019
Proposed Development:	Construction of new water slides and water play area
Applicant(s) Name:	Meredith Wallace, Bayside Council
Applicant Telephone Number:	(02) 9562 1602
<p>The information provided on this Recycling and Waste Management Plan - Part 1 and the accompanying plans provides and accurate indication of the manner in which recyclable/waste materials are to be managed.</p> <p>Applicants(s) Signature: CO-OP STUDIO, care of Bayside Council. <i>[Signature]</i></p> <p>Date: 31/03/2021</p>	
PLANS	
<p>The Recycling and Waste Management Plan Part 1 must be accompanied by plans which show:</p> <ul style="list-style-type: none"> ▪ The location of areas that will be used for the sorting of demolition and construction recyclables/waste; ▪ The location of areas that will be used for the storage of demolition and construction recyclables/waste, including the location of any associated waste containers/skip bins; and ▪ The point at which vehicles removing demolition and construction recyclables/waste will access the site. 	



REUSE / RECYCLE / DISPOSAL				
MATERIALS ON SITE		DESTINATION		
		Re-use and recycling		Disposal
Type of Material	Estimated volume (m³ or tonnes)	On-Site reuse & recycling (specify proposed on-site reuse & recycling methods)	Off-site reuse & recycling (specify contractor and/or recycling outlet)	Off-site disposal (specify contractor & landfill site)
Excavation material				
Green waste (organic)				
Bricks	N/A			
Concrete	N/A			
Timber – specify type	N/A			
Plasterboard	N/A			
Metals – specify type	N/A			
Tiles – specify type	N/A			
Other (such as light fittings, kitchen or bathroom fittings)	Play Equipment		Contractor to explore recycling opportunities.	Off-site disposal. TBC by the contractor in compliance with Botany Bay Development Control Plan, 3N.2.
Note: Documentation (including receipts) regarding the destination and disposal method of material/waste leaving the site must be retained by the applicant. Council may wish to audit such documentation so as to monitor compliance with the Recycling and Waste Management Plan.				



3N.4.1.2 Part 2 – Ongoing use of Premises: Model Site Waste Minimisation and Management Plan

Source: Marrickville DCP 2011

GENERAL DETAILS	
Site Address: 2 Myrtle Street, BOTANY NSW 2019	
Proposed Development: Construction of new water slides and water play area	
Applicant Name : Meredith Wallace, Bayside Council	
Applicant Telephone Number: (02) 9562 1602	
The information provided on this Recycling and Waste Management Plan - Part 2 and the accompanying plans provides an accurate indication of the manner in which recyclable/waste materials is to be managed.	
Applicants(s) Signature:	
Date:	
Number of proposed dwellings:	
Number of proposed commercial/industrial tenancies:	
Total industrial/ commercial floor area	..... m ²
RESIDENTIAL FLAT BUILDINGS, MULTI UNIT HOUSING & RESIDENTIAL COMPONENT OF MIXED USE BUILDINGS	
General Waste	
Number of Council 240 or 120 litre general waste bins to be accommodated on site:	N/A x 240L x 120L
Recyclable Materials	
Number of Council 240 or 120 litre recycling bins to be accommodated on site:	N/A x 240L x 120L
Green Waste Materials	
Number of Council 240 or 120 litre recycling bins to be accommodated on site:	N/A x 240L x 120L

Alternative Types of Bins

Where alternative types of bins greater than 360L (ie skip bins) are desired:

Size and number of skip bins:		..... x L
Installation of new slides to generate no new waste for aquatic centre. Aquatic centre to continue to manage existing waste in accordance with Botany Bay Development Control Plan.		..... x L
		..... x L
	Skip bins for general waste:	..... x L
		..... x L
	Skip bins for recycling:	..... x L
		..... x L
	Skip bins for green waste:	..... x L
		..... x L

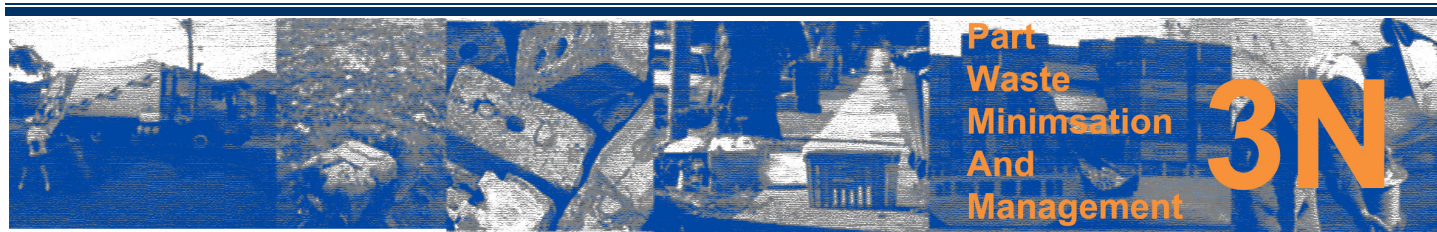
NON – RESIDENTIAL DEVELOPMENT ONLY

General Waste

Type of General Waste (specify types)	Volume (m ³ or L) per week	On-site storage/treatment arrangements	Method of Disposal
N/A			

Recyclable Materials

Type of General Waste (specify types)	Volume (m ³ or L) per week	On-site storage/treatment arrangements	Method of Disposal
N/A			



WASTE MANAGEMENT PRACTICES IN ALL DEVELOPMENT TYPES

If applicable, describe arrangements and responsibilities for moving bins from their usual storage area to the place at which they are to be emptied:

N/A

Describe arrangement and responsibilities for cleaning bins, waste storage room/areas, and other waste management facilities:

N/A

Describe arrangements and responsibilities for maintain waste storage rooms/areas (including signage) and other waste management facilities:

N/A

Describe arrangement for educating staff)in non-residential development) and contractors of on-site waste management practices:

N/A

Describe other waste management practices relating to the ongoing use of the premises:

Waste management of aquatic centre unaffected by installation of new slides.
Existing waste facilities within the aquatic centre have catered for the existence of previously demolished slides of a similar size and will be sufficient to cater for changes in waste generated by the new slides, if any.