

Appendix J: Site Waste Minimisation and Management Plan (SWMMP) Template

Applicant to complete these tables and submit with the SWMMP.

Applicant and Project Details	
Applicant Details	
Application No.	
Name	
Address	
Phone number(s)	
Email	
Project Details	
Address of development	
Existing buildings and other structures currently on site	
Description of proposed development	

Waste Minimisation and Management Declaration	
<i>This development achieves the waste objectives set out in Council's 2010 DCP. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as Council, EPA or WorkCover NSW.</i>	
Name	
Signature	
Date	

SWMMP FOR DEMOLITION OF BUILDINGS OR STRUCTURES

Complete where demolition of buildings or structures will occur.

Demolition				
		RE-USE AND RECYCLING		DISPOSAL
Type of waste	Estimated Volume (m ³) or Weight (t)	On Site: Specify proposed on-site reuse or recycling methods <i>Refer to Figure 1 for examples of how waste can be reused or recycled on site.</i>	Off Site: Specify contractor and recycling outlet <i>Example – Sent by XYZ Demolishers to ABC Recycling Co.</i>	Specify contractors and landfill site <i>Example – Sent by XYZ Demolishers to ABC Landfill Site.</i>
Garden waste				
Bricks				
Concrete				
Timber (please specify)				
Tiles				
Glass				
Plasterboard				
Metals (please specify)				
Floor coverings				
Hazardous/special waste (such as asbestos – please specify)				
Other (please specify)				

Note: All demolition, excavation and construction waste dockets are to be retained on site to confirm which facility received materials generated from the site for recycling or disposal.

Checklist: Compliance with Performance Criteria

Please complete this checklist.

	Check if 'yes'
An area has been allocated on site for the storage of materials for re-use, recycling and disposal (taking into consideration slope, drainage, location of waterways, stormwater outlets, vegetation, and access and handling requirements).	<input type="checkbox"/>
Separated and clearly signed bins/areas shall be provided on site.	<input type="checkbox"/>
Measurements shall be implemented to prevent damage by the elements, odour, health risks and windborne litter.	<input type="checkbox"/>

SWMMP FOR CONSTRUCTION

Please complete for single dwellings, semi-detached and dual occupancy greater than \$50,000, multi-unit dwellings, commercial developments and change of use, mixed use developments and industrial developments.

Construction				
		RE-USE AND RECYCLING		DISPOSAL
Type of waste	Estimated Volume (m ³) or Weight (t)	On Site: Specify proposed on-site reuse or recycling methods <i>Refer to Figure 1 for examples of how waste can be reused or recycled on site.</i>	Off Site: Specify contractor and recycling outlet <i>Example – Sent by XYZ Demolishers to ABC Recycling Co.</i>	Specify contractors and landfill site <i>Example – Sent by XYZ Demolishers to ABC Landfill Site.</i>
Bricks				
Concrete				
Timber (please specify)				
Tiles				
Plasterboard				
Metals (please specify)				

Floor coverings				
Packaging				
Other (please specify)				

Note: All demolition and construction waste dockets are to be retained on site to confirm which facility received materials generated from the site for recycling or disposal.

Plans and drawings

Please complete the applicable checklist.

Table 1: Single dwellings, semi-detached and dual occupancy greater than \$50,000.

	Check if 'yes'
Submitted plans detail...	
The location of appropriate on site waste/recycling storage areas.	<input type="checkbox"/>
The kerbside collection point for collection and emptying of Council waste, recycling and green waste bins.	<input type="checkbox"/>
The accessibility between waste/recycling storage area and collection point.	<input type="checkbox"/>
Sufficient space in kitchen (or alternate location) for interim storage of waste and recyclables.	<input type="checkbox"/>

Table 2: Multi-unit dwellings.

	Check if 'yes'
Submitted plans detail...	
The location of appropriate on site waste/recycling storage areas.	<input type="checkbox"/>
The location of any garbage chute(s) and interim storage for recyclables.	<input type="checkbox"/>
The location of any service rooms (for accessing garbage chute).	<input type="checkbox"/>
The location of any waste compaction equipment.	<input type="checkbox"/>
The collection point for collection and emptying of Council waste, recycling and green waste bins.	<input type="checkbox"/>
Path of travel for moving bins from storage area to collection point (if collection occurring away from storage area).	<input type="checkbox"/>
The on site path of travel for collection vehicles (if applicable), taking accessibility requirements into account.	<input type="checkbox"/>
Project management incorporates...	
Maximising source separation and recyclables recovery.	<input type="checkbox"/>
Minimising the potential risks of collecting, storing and disposing of waste.	<input type="checkbox"/>
Where applicable, the following are provided as a minimum...	
Residential flat buildings include a communal waste/recycling storage room (or rooms).	<input type="checkbox"/>
Dwellings in the form of townhouses and villas include either an individual waste/recycling storage room (or rooms) or a communal facility.	<input type="checkbox"/>
Waste/recycling storage room (or rooms) are of appropriate size to accommodate Council waste, recycling and green waste bins.	<input type="checkbox"/>
For multi-storey developments including ten or more dwellings, a readily-accessible room or caged area is provided for temporary storage of discarded bulky items.	<input type="checkbox"/>
Waste/recycling storage room (or rooms) location and design consider...	
Minimising adverse impact upon neighbouring properties and appearance of premises.	<input type="checkbox"/>
Unobstructed and continuous accessible path of travel from waste/storage room (or rooms) to the entry of any Adaptable Housing, the principle entrance to each residential flat building, and the waste and recyclables collection point.	<input type="checkbox"/>
Adequate space required for the storing and manoeuvring of required number of Council bins.	<input type="checkbox"/>
Suitable accessibility, ventilation and lighting.	<input type="checkbox"/>

If bins cannot be collected from kerbside or immediately inside property boundary, on site access by garbage collection vehicle is appropriately accommodated for (including space and strength/design of internal roads).	<input type="checkbox"/>
Cold water supply for cleaning of bins and storage room (or rooms).	<input type="checkbox"/>
Weather proofing, ease of cleaning and wastewater discharge to sewer.	<input type="checkbox"/>
Complimenting the design of the development and surrounds.	<input type="checkbox"/>
If development contains four or more storeys, a suitable system is provided for transportation of waste from each storey to waste/recycling storage and collection areas.	<input type="checkbox"/>
Alternative interim disposal facilities for recyclables since garbage chutes are not suitable for recyclables.	<input type="checkbox"/>

Table 3: Commercial developments and change of use

	Check if 'yes'
Submitted plans detail...	
Location of appropriately-sized waste/recycling storage room (or rooms).	<input type="checkbox"/>
Location of temporary waste/recycling storage areas within each tenancy (of a sufficient size to store one day worth of waste).	<input type="checkbox"/>
Collection point for the Council waste, recycling and green waste bins.	<input type="checkbox"/>
Path of travel between storage area and collection point.	<input type="checkbox"/>
On site path of travel for collection vehicles (if applicable).	<input type="checkbox"/>
Convenient access from each tenancy to waste/recycling storage area and convenient step-free access between waste/recycling storage area and collection point.	<input type="checkbox"/>
Where applicable, development design considers...	
Depending on size and type of development, separate waste/recycling for each tenancy may be necessary.	<input type="checkbox"/>
Arrangements for the separation of recyclables from general waste and for the movement of these to waste/recyclable storage area.	<input type="checkbox"/>
The waste/recycling storage room (or rooms) is of sufficient size to accommodate required number of bins.	<input type="checkbox"/>
Clearly signed containers are provided in the waste/recycling storage area for the separation of recyclable materials from general waste.	<input type="checkbox"/>
Enclosure, covering and maintenance of waste/recycling storage area to prevent polluted wastewater runoff.	<input type="checkbox"/>
The size and layout of the waste/recycling storage room (or rooms) must be capable of accommodating reasonable future changes in the use of the development.	<input type="checkbox"/>
Each kitchen in the development includes a waste/recycling cupboard to separate recyclables from general waste and to hold a minimum of a single day's waste.	<input type="checkbox"/>
Any garbage chutes are designed in accordance with the <i>Building Code of Australia and Better Practice Guide for Waste Management in Multi-Unit Dwellings</i> and are labelled as inappropriate for recyclables.	<input type="checkbox"/>

Table 4: Mixed use developments

	Check if 'yes'
Table 2 is completed for residential component of development.	<input type="checkbox"/>
Table 3 is completed for non-residential component of development.	<input type="checkbox"/>
Mixed Use development incorporates separate waste/recycling storage areas for residential and non-residential components.	<input type="checkbox"/>
Residential waste management system and non-residential waste management system are designed so that they can efficiency operate without conflict.	<input type="checkbox"/>

Table 5: Industrial developments

	Check if 'yes'
Submitted plans detail...	
Location of waste/recycling storage room(s) or areas to meet needs of all tenants.	<input type="checkbox"/>
On-site path of travel for collection vehicles.	<input type="checkbox"/>
Convenient access from each tenancy to waste/recycling storage area and convenient step-free access between waste/recycling storage area and collection point.	<input type="checkbox"/>
Designated storage areas for industrial waste streams (designed in accordance with specific waste laws/protocols).	<input type="checkbox"/>
Waste/recycling storage room(s) of sufficient size to accommodate quantity of waste generated between collections.	<input type="checkbox"/>
Development design considers...	
Enclosure, covering and maintenance of waste/recycling storage area to prevent polluted wastewater runoff.	<input type="checkbox"/>
Each kitchen in the development includes a waste/recycling cupboard to separate recyclables from general waste and to hold a minimum of a single day's waste.	<input type="checkbox"/>

Figure 1: Examples of materials and potential reuse/recycling opportunities
(adapted from *Combined Sydney Regional Organisation of Councils Model DCP 1997*)

Material	Reuse/recycling potential
Concrete	Reused for 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 top soil.
Garden waste	Mulch, composted.
Carpet	Can be sent to recyclers or reused in landscaping.
Plasterboard	Removal for recycling, return to supplier.