

Appendix 3 WASTE MANAGEMENT PLAN for MULTI-UNIT DEVELOPMENTS Template



Instructions:

This template is for applicants requiring a Waste Management Plan (WMP) for smaller scale Multi-Unit Developments (MUD’s) such as the following development types:

- a) Residential developments containing up to 15 dwellings; or
- b) Commercial developments that can be serviced by Ballarat City Council based on Council’s waste collection service entitlements for commercial developments, as specified in the City of Ballarat’s *Guidelines to Prepare Waste Management Plans for Multi-Unit Developments*.
- c) Mixed use developments containing a total of the above number of residential dwellings and commercial development size.

*Noting larger scale developments will generally require a specialist Waste Consultant to prepare a more detailed WMP, in accordance with the City of Ballarat’s *Guidelines to Prepare Waste Management Plans for Multi-Unit Developments*.

As noted in City of Ballarat’s *Guidelines to Prepare Waste Management Plans for Multi-Unit Developments*, developments which fall under the below categories must have their waste management requirements discussed with Council at a project-wide pre-application meeting or as a discussion prior to lodgement of a Planning Application:

- Mixed-use residential and commercial developments
- Insufficient frontage for kerbside collection
- Rear access collection location
- Development of 3 or more residential dwellings
- Access via private roads by Council waste collection vehicle

Pre-application meetings should be booked with the City of Ballarat planning department.

This template must be used alongside the City of Ballarat’s *Guidelines to Prepare Waste Management Plans for Multi-Unit Developments* and City of Ballarat’s Waste Management Plan Checklist.

WASTE MANAGEMENT PLAN TEMPLATE

Development Details:			
Applicant:			
Date of WMP preparation:			
Site Address:			
Site description: Land Use / Zoning	<input type="checkbox"/> Residential MUD	<input type="checkbox"/> Commercial MUD	<input type="checkbox"/> Mixed Use MUD
Number of Floors & Basement:			
Number of dwellings:	<input type="checkbox"/> Studio or 1 bedroom	<input type="checkbox"/> 2 bedrooms	<input type="checkbox"/> 3 bedroom or greater
Commercial type & Floor areas (m ²):			

**Appendix 3
WASTE MANAGEMENT PLAN for
MULTI-UNIT DEVELOPMENTS Template**



Total number of dwellings:	
Proposal discussed with council prior to lodgement / within a pre-application meeting / discussion:	Name of Council Officer/s:
	Date of discussions / meeting:
Council Permit or Reference No. (if available):	

Residential Waste Generation Calculation (per week)																
Number/Type of Dwellings	Rubbish / Garbage			Commingled Recycling			Food Organics			Glass		Green / Garden Waste				
No. of dwellings x Litres per week (entitlement) = Total Litres of Waste per week																
<input type="checkbox"/> x Studio or 1 bedroom	x	L=	L	x	L=	L	x	L=	L	x	L=	L	x	L=	L	
<input type="checkbox"/> x 2 bedroom	x	L=	L	x	L=	L	x	L=	L	x	L=	L	x	L=	L	
<input type="checkbox"/> x 3 bedroom	x	L=	L	x	L=	L	x	L=	L	x	L=	L	x	L=	L	
Total Waste Generated	<input type="text"/>	L / week	<input type="text"/>	L / week	<input type="text"/>	L / week	<input type="text"/>	L / week	<input type="text"/>	L / week	<input type="text"/>	L / week	<input type="text"/>	L / week	<input type="text"/>	L / week

Commercial Waste Generation Calculation (per week)				
*Note – If council were to provide collection				
Commercial Land Use	Square Meters / Occupants	Waste Generated per week	Recycling Generated per week	Food Organics generated per week
Total Volumes Generated		L/week	L/week	L/week

Garden and Food Waste Management		
PROVIDE DETAILS where applicable i.e. which disposal method is provided/recommended and if private/Council collection is recommended		
Green Waste Collection service	Food Organics and Garden Organics (FOGO) Collection	Other arrangements
Residential:	Residential:	
Commercial:	Commercial:	

Appendix 3
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MULTI-UNIT DEVELOPMENTS Template



Glass Management		
PROVIDE DETAILS where applicable i.e. which disposal method is provided/recommended		
Pass on Glass Drop-off facilities	Container Deposit Scheme	Collection service i.e. private or Council?
	Residential:	Residential:
	Commercial:	Commercial:

Hard Waste Bulky Items Management & Collection		
PROVIDE DETAILS where applicable i.e. which disposal method is provided/recommended		
On-site storage areas (temporary)	Charity bins required	Other arrangements i.e. Transfer station
Residential:	Residential:	Residential:
Commercial:		Small commercial businesses:

*A rate of 1m² (per max.100 apartments) can be applied to multi-unit developments

E-Waste Management
PROVIDE DETAILS
<i>Note: as of 2019 e-waste disposal to landfill is banned by the Victorian Government</i>
i.e., Transfer Stations, Officeworks, Aldi & Bunnings recommended for battery disposal.

Collection Frequency, Size and Number of Bins			
Waste Collection and Bin Numbers			
Total Waste generated (L/week)	Number of collections (per week)	Bin size	Number of bins required - = $\frac{\text{Total waste generated}}{\text{Bin size} \times \text{Number of collections}}$
Garbage			
<input type="text"/> L / week	<input type="text"/> per week	<input type="text"/> L	<input type="text"/> bins
Commingled recycling			
<input type="text"/> L / week	<input type="text"/> per week	<input type="text"/> L	<input type="text"/> bins
Food waste – 25% of garbage is food organics for residential; rates TBD by council for commercial use			
<input type="text"/> L / week	<input type="text"/> per week	<input type="text"/> L	<input type="text"/> bins

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Green waste (where required) – 40 litres of green waste per 100m ² of landscaped area for residential			
<input type="text"/> L / week	<input type="text"/> per week	<input type="text"/> L	<input type="text"/> bins
Paper, Cardboard – if separate to commingled – rates to be agreed with council			
<input type="text"/> L / week	<input type="text"/> per week	<input type="text"/> L	<input type="text"/> bins

Residential Waste Collection Service Providers	
Select service provider/s	<input type="checkbox"/> Council <input type="checkbox"/> Private Contractor <input type="checkbox"/> Both
Is council's collection service compatible with collection requirements?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Justification for private contractor collection	

Commercial Waste Collection Service Providers	
Select service provider/s	<input type="checkbox"/> Council <input type="checkbox"/> Private Contractor <input type="checkbox"/> Both
Is council's collection service compatible with collection requirements?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Justification for private contractor collection	

Internal Waste systems
Describe internal waste storage capacity (home receptacles and internal bin provision): <i>Show this information on plans where applicable.</i>
Describe any other waste equipment being provided, such as chutes, bin tugs, shredders, compactors etc.

Bin Storage Areas
Describe the bin/waste storage areas including location and access, bin storage areas in individual dwelling and/or communal bin storage area, and size. Note: Waste storage areas and all waste equipment are to be drawn to scale and shown on the plans. All waste equipment must be stored within the property boundary. There must be sufficient space to access and move the bins/waste equipment.

Outline amenity – screening, odour, noise, cleaning accessibility and bin manoeuvrability:
Signage - appropriate signages for each waste stream

Bin Transfer (from Storage area to Collection point)
Outline how (access route/s, gradients) and who (Building manager, Owners Corporation representative or individual tenants) transfers the bins from bin storage area to collection point: <i>Show this information and/or transfer path on plans where applicable.</i>

Bin Collection Area/s
Describe on-site and on-street bin collection area/s. Include locations and any potential encumbrances or hazards and how they may be mitigated or managed on the plans and in the discussion below.

Waste Vehicle access
For on-site collections, describe site access arrangements and ensure these are aligned with a traffic impact assessment for the proposed development. Please provide a swept path analysis demonstrating access by the waste collection vehicle. <i>The traffic impact assessment should consider the swept path analysis, wider road arrangement where required and the transport network that may impact waste collections.</i>

*Provide tenants with the Waste Management Plan (within the Building User Guide) that includes bin allowances, waste streams, collection days and agreement of who is responsible for bin transfers.