

## Appendix A: Waste Management Plan Template

### Applicant and Project Details (All Developments)

#### Applicant Details

Application No.	
Name	CSR Hebel c/- Catalyst Project Consulting
Address	110 King Street, Newcastle NSW 2300
Phone number(s)	0439 488 429
Email	nick.whitton@catalystpc.com.au

#### Project Details

Address of development	98 & 112 Wisemans Ferry Road, Somersby
Existing buildings and other structures currently on the site	98 Wisemans Ferry Road - Vacant 112 Wisemans Ferry Road - Industrial Factory
Description of proposed development	Factory Extension

*This development achieves the waste objectives set out in the DCP. The details on this form are the provisions and intentions for minimising waste relating to this project. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as council, OEH or WorkCover NSW.*

Contact Name (in Block Letters)	NICK WHITTON
Signature	NWL
Date	27/4/16

## Demolition (All Types of Developments)

Address of development: As per cover page

Refer to Section 7.2.13 of the DCP for objectives regarding demolition waste.

most favourable



least favourable

	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m3) or Weight (t)	Estimate Volume (m3) or Weight (t)	Estimate Volume (m3) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and /or waste depot to be used
Excavation material				
Timber (specify)		2m <sup>3</sup>		Transferred to Material Recovery Facility
Concrete				
Bricks/pavers				
Tiles				
Metal (specify) <i>Roofing &amp; Structural</i>		3.5m <sup>3</sup>		Transferred to Material Recovery Facility
Glass		0.25m <sup>3</sup>		Transferred to Material Recovery Facility
Furniture				
Fixtures and fittings				
Floor coverings			4m <sup>3</sup>	Transferred to Waste Disposal station
Packaging (used pallets, pallet wrap)			0.5m <sup>3</sup>	Transferred to Waste Disposal Station
Garden organics				
Containers (cans, plastic, glass)				
Paper/cardboard				
Residual waste			3m <sup>3</sup>	Transferred to Waste Disposal station
Hazardous/special waste e.g. asbestos (specify)				
Other (specify)				

## Construction (All Types of Developments)

Address of development: As per cover page

Refer to Section 7.2.14 of the DCP for objectives regarding construction

most favourable



least favourable

	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and/or waste depot to be used
Excavation material				All cut to be used as fill onsite Additional fill required. Refer to plans
Timber (specify)		10.5m <sup>3</sup>	0.5m <sup>3</sup>	Transferred to Material Recovery Facility & Waste Transfer Station
Concrete		25m <sup>3</sup>		
Bricks				
Tiles	0.5m <sup>3</sup>	0.5m <sup>3</sup>		Reused on other sites where possible Transferred to Material Recovery Facility
Metal (specify) <i>Roofing / sheeting</i>		15m <sup>3</sup>		All structural steel made to order Transferred to Material Recovery Facility
Glass				Glass to be made to order
Plasterboard (offcuts)			6.5m <sup>3</sup>	Transferred to Waste Transfer Station
Fixtures and fittings				Fixtures and fittings to be ordered to suit
Floor coverings			0.75m <sup>3</sup>	Transferred to Waste Transfer Station
Packaging (used pallets, pallet wrap)		20m <sup>3</sup>	12m <sup>3</sup>	Transferred to Material Recovery Facility & Waste Transfer Station
Garden organics	100m <sup>3</sup>			Green waste will be used on site as mulch
Containers (cans, plastic, glass)		6m <sup>3</sup>		Transferred to Material Recovery Facility
Paper/cardboard		11m <sup>3</sup>		Transferred to Material Recovery Facility
Residual waste			45m <sup>3</sup>	Transferred to Waste Transfer Station
Hazardous/special waste (specify)				No hazardous materials are to be used for construction

## Ongoing Operation (Residential, Multi Unit, Commercial, Mixed Use and Industrial)

Address of development: As per cover page

Show the total volume of waste expected to be generated by the development and the associated waste storage requirements.

	Recyclables		Compostables	Residual waste*	Other
	Paper/ cardboard	Metals/ plastics/glass			
Amount generated (L per unit per day)	Refer to Waste Flow Breakdown - Attached				
Amount generated (L per development per week)					
Any reduction due to compacting equipment	Not Applicable				
Frequency of collections (per week) Entire Development	Once per fortnight	Once per fortnight		Once per week	1.5 times per day
Number and size of storage bins required New Development	1 x 240L bin	1 x 3m <sup>3</sup> bin		1 x 3m <sup>3</sup> bin 1 x 120L bin	2 x 3m <sup>3</sup> bins
Floor area required for storage bins (m <sup>2</sup> )	Refer to Attached Plans. Further detail to be provided at Construction Certificate				
Floor area required for manoeuvrability (m <sup>2</sup> )					
Height required for manoeuvrability (m)					

\* Current "non-recyclables" waste generation rates typically include food waste that might be further separated for composting.

**Construction Design (All Types of Developments)**

Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development (refer to Section 3.2 7.2.14 of the DCP):

Materials • Structural steel will be made/prefabricated to specific dimensions for construction

• Precast panels are to be used in construction, limiting waste/offcuts

Lifecycle All materials used will have extended lifecycles where possible to avoid waste and replacement costs

Detail the appropriate needs for the ongoing use of waste facilities including the transfer of waste between the residents or tenancy units, the servicing of waste location and frequency of waste transfer and collection. If truck access is required then engineering details are required.

Waste will continue to be collected by a private waste contractor.

Additional 3m<sup>3</sup> waste bins will be provided to the factory extension, which will be emptied via forklift into the existing bulk waste bins as required. This will ensure the waste collection points will remain the same.

The 120L & 240L waste and recycling bins will service the increased administration space. These bins will be integrated into the current waste disposal management

## Plans and Drawings (All Developments)

The following checklists are designed to help ensure WMP are accompanied by sufficient information to allow assessment of the application.

Drawings are to be submitted to scale, clearly indicating the location of and provisions for the storage and collection of waste and recyclables during:

- demolition
- construction
- ongoing operation.

### Demolition

Refer to Section 7.2.13 of the chapter for specific objectives and measures.  
Do the site plans detail/indicate:

	Tick Yes
Size and location(s) of waste storage area(s)	TBC by Contractor
Access for waste collection vehicles	TBC by Contractor
Areas to be excavated	N/A
Types and numbers of storage bins likely to be required	TBC by Contractor
Signage required to facilitate correct use of storage facilities	TBC by Contractor

### Construction

Refer to Section 7.2.15 – 7.2.19 of the chapter for specific objectives and measures.  
Do the site plans detail/indicate:

	Tick Yes
Size and location(s) of waste storage area(s)	TBC by Contractor
Access for waste collection vehicles	TBC by Contractor
Areas to be excavated	✓
Types and numbers of storage bins likely to be required	TBC
Signage required to facilitate correct use of storage facilities	TBC

## Ongoing Operation

Refer to Section 7.2.15 – 7.2.19 of the chapter for specific objectives and measures.  
Do the site plans detail/indicate:

	Tick Yes
<b>Space</b>	
Size and location(s) of waste storage areas	✓
Recycling bins placed next to residual waste bins	✓ where applicable
Space provided for access to and the manoeuvring of bins/equipment	✓
Any additional facilities	NA
<b>Access</b>	
Access route(s) to deposit waste in storage room/area	✓
Access route(s) to collect waste from storage room/area	✓
Bin carting grade not to exceed 10% and travel distance not greater than 100m in length	✓
Location of final collection point	✓
Clearance, geometric design and strength of internal access driveways and roads	✓
Direction of traffic flow for internal access driveways and roads	✓
<b>Amenity</b>	
Aesthetic design of waste storage areas, including being compatible with the main building/s and adequately screened and visually unobtrusive from the street	NA
Signage – type and location	TBC at CC stage
Construction details of storage rooms/areas (including floor, walls, doors, ceiling design, sewer connection, lighting, ventilation, security, wash down provisions, cross & longitudinal section showing clear internal dimensions between engaged piers and other obstructions, etc)	NA

## PROPOSED SITE WASTE FLOW

