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Penrith City Council  
PO Box 60  
Penrith NSW 2751

## Waste Management Plan

### 1 Renshaw Street, Cranebrook NSW 2749

**Proposal:** Construction and use of a service station and car wash, three take away food and drink premises, an indoor recreation facility and a centre based child care facility.

### Objectives for the Waste Management on this Site

- To minimise resource requirements and construction waste through reuse and recycling;
- The efficient selection and ordering of resources; and
- To ensure the waste management systems are compatible with the relevant waste collection services.

The management of waste is addressed in this Waste Management Plan (WMP) in the following three (3) sections, according to the stages of the development: demolition, construction and ongoing operation.

### 1 Demolition Stage

It is proposed to remove any shrubs and overgrown grasses within the site.

**Table 1 Demolition Waste**

Type of waste generated	Estimated Volume in m <sup>3</sup> or area m <sup>2</sup> or weight in tonne (t)	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Excavation Material	<50m <sup>3</sup>	Reused for fill on site where possible	Dispose of at local waste facility by contractor	Un-recyclable excavated material to be disposed waste facility by contractor.
Garden waste	<30m <sup>3</sup>	Chipped and stored for reuse in landscaping where possible.	Dispose of at local waste facility by contractor	N/A
Miscellaneous	<5m <sup>3</sup>	N/A	N/A	Dispose at local waste facility by contractor

#### Notes

- Quantities to be confirmed upon engagement of site contractor.
- The site will be fenced off during demolition phase.

## 2 Construction Stage

Construction waste will be separated on site by builder's contractors and labourer's during the construction stage. The site shall be checked on a regular basis to make sure no recyclable materials are mixed with non-recyclable materials; and to set aside on site an area to store the recyclable materials for transportation to local recycling plants.

The site manager will erect a sign on site for waste areas and will inform the builder's staff where material is to be collected for recycling. The site manager and/or builder will impose the execution of the waste separation policy.

Stockpiles shall be located and managed appropriately to prevent sediment runoff and ensure minimal environmental impact from the building site.

A suitable all-weather vehicular access points shall be provided for the construction phase from Pendlebury Road, and all sediment and erosion control devices (including sediment fencing) implemented on site prior to commencement of construction works.

**Table 2 Construction Waste**

Type of waste generated	Estimates Volume in m <sup>3</sup> or area m <sup>2</sup> or weight in tonne (t)	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Excavated Earth Material	< 200m <sup>3</sup>	Possible reuse of soil for backfilling purposes.	Provided to Local Waste Facility by contractor	Un-recyclable excavated material to be disposed at local waste facility.
Metal	< 15m <sup>3</sup> (offcuts / surplus)	N/A	Provided to Local Waste Facility by contractor	Sent to local metal recycler
Plasterboard	< 25m <sup>3</sup>	N/A	Unused disposed of at local waste facility by contractor	Unused disposed of at local waste facility by contractor
Packaging (used pallets and pallet wrap)	< 50m <sup>3</sup>	N/A	Pallets reused where possible	Unused disposed of at local waste facility by contractor
Other waste e.g. pvc plastics, paint, paper / cardboard	< 20m <sup>3</sup>	-	Unused Disposed of at local waste facility by contractor by Contractor	Disposed of at local waste facility

### Notes

1. The location of construction waste facility will be finalised upon engagement of site contractor and tendering process.
2. Quantities to be confirmed upon engagement of site contractor.
3. The site will be fenced off during the construction phase.

### 3 Ongoing Operation Stage

Each operator will be directly responsible for the ongoing management of operational waste, in accordance with this WMP. Contractors may be engaged to undertake onsite maintenance on as-needs basis.

**Table 3 Operational Waste (per premises)**

Type of waste generated	Estimated Volume per week per premise	Reuse and Recycling		Disposal
		On-Site	Off-Site	
General Waste	1,050L (based on average 150L per day)	General waste bins located in designated refuse area	Disposed of at local waste plant by contractor	Disposed of at local waste plant by contractor
Recyclable Waste	700L (based on average 100L per day)	Recycle bins located in designated refuse area	Recycled	Disposed of at local recycle plant by Council contractor

**Note**

The above volumes are based on operator experience as waste generation rates are not provided for service stations in Appendix A of the EPA Better Practice Guidelines for Waste Management and Recycling in Commercial and Industrial Facilities.

The service station and take away food and drink premises staff will separate general waste and recyclables within the refuse area located adjacent to each building, next to the drive through, behind the designated loading bays.

The car wash and indoor recreation centre staff will separate general waste and recyclables within the utilities room and plant room respectively, located on the ground floor.

Childcare operator staff will separate general waste and recyclables within the refuse area located east of the main entry.

In the designated waste areas for each tenancy a minimum of two separate bulk bins will be located for the separation of general waste from recyclables. Waste and recycling bins will be clearly labelled and identifiable. The bins and waste storage areas will be cleaned by staff with protective gloves.

The frequency of collection of rubbish is estimated to be 2 times per week. These arrangement details will be subject to confirmation when a private waste collector is engaged.