

13 December 2024

Attention: General Manager
Maitland City Council
PO Box 220
Maitland NSW 2320

SLR Project No.: 630.031816.00001

**RE: Waste Management Plan
Centre-Based Childcare Facility
1, 3 & 5 Station Lane, Lochinvar NSW 2321**

Objectives for Waste Management:

- 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.

1.0 Demolition Stage

The proposal involves demolition works including all building structures, hardstand areas, fencing and vegetation. **Table 1** provides an estimate of the demolition waste generation and methods of reuse, recycling and disposal.

Table 1 Demolition Waste Management

Type of waste generated	Estimated Volume in m ³	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Garden waste	<30m ³	Chipped and stored for reuse in landscaping where possible.	Dispose of at local garden waste facility by contractor	N/A
Concrete	<30m ³	Reuse for back fill where possible	Provided to local recycler by contractor	Unrecyclable materials disposed at local waste facility by contractor
Brick	<50m ³	Reused for backfill where possible.	Disposed of at local recycler by contractor.	Disposed of at local waste facility where unable to be reused or recycled.
Timber	<25m ³	N/A		Disposed of at local waste facility by contractor.

Type of waste generated	Estimated Volume in m ³	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Metal	<15m ³	N/A	Disposed of at local recycler by contractor.	Disposed at local waste facility by contractor where unable to be recycled.
Glass	<15m ³	N/A	Disposed of at local recycler by contractor.	Disposed at local waste facility by contractor where unable to be recycled.
Miscellaneous	<25m ³	N/A	N/A	Dispose at local waste facility by contractor
Asbestos	TBC			Disposed of at licenced facility.

2.0 Construction Stage

Construction waste will be separated on site by builder's contractors and builder's 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 Station Lane and all sediment and erosion control devices (including sediment fencing) implemented on site prior to commencement of construction works.

Table 2 Construction Waste Management

Type of waste generated	Estimated Volume in m ³	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Excavated Earth Material	<20m ³		Provided to Local Waste Facility by contractor	Un-reusable excavated material to be disposed at local waste facility.
Metal	< 5m ³	N/A	Sent to local metal recycler	
Bricks	<5m ²	Reused for backfill where appropriate.	Disposed of at local recycler by contractor.	



Type of waste generated	Estimated Volume in m ³	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Concrete	<5m ²		Disposed of at local recycler by contractor.	
Plasterboard	<5m ³	N/A	Unused sheets returned to supplier. Offcuts sent to local recycling facility.	Disposed of at local waste facility by contractor
Packaging (used pallets and pallet wrap)	<20m ³	N/A	Pallets returned to supplier for reuse where possible	Disposed of at local waste facility by contractor
Other waste e.g. pvc plastics, paint, paper / cardboard	<10m ³	-	Separated for recycling where possible	Disposed of at local waste facility

Notes

1. The location of storage of construction waste 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 partially fenced off during the construction phase.

3.0 Ongoing Waste Management

The Early Education Centre 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 an as-needed basis.

Table 3 Operational Waste

Type of waste generated	Estimated Volume	Disposal	Indicative bin sizes
General Waste	1000L (based on average 200L per day)	Private waste contractor	2 x 660L bins
Recyclable Waste	1000L (based on average 200L per day)	Private waste contractor	2 x 660L bins

Notes

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

Childcare operator staff will separate general waste and recyclables within the refuse area located at the north-eastern end of the building.

In the designated waste area 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 frequency of collection of rubbish is estimated to be 1-2 times per week, however these details will be subject to confirmation when a private waste collector is engaged. Waste will be collected on-site outside the centre operating hours.

