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Waste Management Plan Proposed Alterations and Additions to Existing Hospital

Address: 2 Potoroo Drive, Taree NSW 2430

OBJECTIVES FOR THE 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.

The management of waste is addressed in this Waste Management Plan (WMP) in the following two (2) sections, according to the stages of the development: demolition and construction.

1 Demolition Stage

It is proposed to demolish the existing building and structures and remove all hardstand areas and vegetation within the site, as indicated on the Demolition Plan. Refer to Table 1 for estimated quantities of each waste stream.

Table 1 Demolition Stage Waste Generation

Type of waste generated	Estimates Volume in m3	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Metal	< 20m ³		Sent to local metal recycler	
Glass	< 10m ³		Sent to local glass recycler	
Brick	< 50m ³		Sent to local C&D recycler	
Concrete	< 30m ³		Sent to local concrete recycler	
Tiles	< 10m ³		Sent to local C&D recycler	
Other waste e.g., pvc plastics, paint, paper / cardboard	< 10m ³		Paper and cardboard directed of at local recycling facility	Disposed of at local waste facility

Notes

1. Details of the exact quantities to be confirmed upon detailed site investigation during Construction Certificate process.
2. The site contractor, prior to commencement of any works, will erect a suitable 1.8 metre high fence on the site to encircle the work area.

2 Construction Stage

Construction waste will be separated on site by builder's contractors and builder's labourer's during the construction stage. The site is to 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 materials for transportation to local facilities. The site manager is to 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 is responsible for the implementation of the WMP.

Stockpiles are to be located and managed appropriately to prevent sediment runoff and ensure minimal environmental impact from the building site. Suitable all-weather vehicular access points are to be provided for the construction phase, and all sediment and erosion control devices implemented on site prior to commencement of construction works. The estimated volume of waste for each classification of waste is provided in **Table 2**.

Table 2 Construction Stage Waste Generation

Type of waste generated	Estimates Volume in m ³	Reuse and Recycling		Disposal
		On-Site	Off-Site	
Excavated Earth Material	< 10m ³	Reuse of soil for backfilling purposes.	Excavated material to be disposed at local waste facility.	Un-recyclable excavated material to be disposed at local waste facility.
Metal	< 20m ³ (offcuts/surplus)		Sent to local metal recycler	
Plasterboard	< 10m ³		Unused disposed of at local waste facility by contractor	
Tiles	< 16m ³		Unused disposed of at local waste facility by contractor	
Concrete	< 20m ³		Unused disposed of at local waste facility by contractor	
Packaging (used pallets and pallet wrap)	<15m ³		Pallets reused where possible.	Unused disposed of at local waste facility by contractor
Other waste e.g. pvc plastics, paint, paper / cardboard	<20m ³		Paper and cardboard disposed of at local recycling facility	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.