

# WASTE MANAGEMENT PLAN

Address: - 155 Elgin Street, Maitland

To minimise waste products and work towards ecological sustainable development, this waste management plan outlines how waste will be recycled, re-used or disposed of for the proposal. Measures incorporated assist to prevent pollution and adherence to the polluter pays principle, where those who generate pollution and waste bear the cost of containment, avoidance or abatement. Solutions to reducing waste as listed in a waste management hierarchy include:

- prevention,
- source reduction,
- minimisation,
- treatment, and
- disposal (as a last resort).

Accordingly, the strategy specifies waste by type and volume and nominates the re-use and recycling potential. On-going waste management is also addressed.

During the construction phase a supervisor (Waste Management Officer) should be appointed to oversee the waste management of materials. The waste minimization strategy should follow the waste minimization hierarchy of Avoid (waste at source), Reuse (materials and components), Recycle (materials into new products) and Dispose (in a responsible manner). As listed in the *Waste Planning Guide for Development Application* published NSW Waste Boards, the Waste Management Officer should:

- identify waste material before work commences;
- consider site offices, sheds and day to day waste produced by staff and sub-contractors;
- involve waste contractors to ensure records are kept and waste targets are met;
- develop a disposal procedure:
- specify the number and type of waste containers, allowing for different stages in the project;
- organize signage and location of bins, skips and stockpiles;
- designate areas for reusables, returnables and recyclables;
- keep separated waste material clean; and
- provide training and education to ensure waste management objectives are met.
- arrange for waste pickups as needed; and
- maintain a clean waste stream and ensure new sub-contractors are aware of waste minimization strategy.

## 1.1 Asbestos

If the site has the potential to contain asbestos, the removal of any material potentially containing asbestos shall be treated in such a way as to minimise exposure to the material in accordance with the appropriate acts & regulations.

A job safety and environment analysis shall be carried out by a suitably qualified person prior to any construction work occurring and any work shall be carried out in accordance with the following: -

- OH&S Act 2000 & Regulations 2001
- Your Guide to Working with Asbestos (Workcover NSW)
- NOHSC Code of Practice for the safe removal of Asbestos 2002
- Workcover Health & Safety Notes – Short guide to working with Asbestos
- Protection of the Environment Operations (Waste) Regulation 1996 – EPA
- Code of Practice for the Management & Control of Asbestos in Workplaces NOHSC:2018 (2005)
- AS/NZS 1715/1716 Selection, use & maintenance of respiratory protective devices
- AS/NZS 2210.1 Occupational protective footwear – Guide to selection, care & use
- AS/NZS 2161.1 Occupational protective gloves – Selection, use & maintenance
- AS/NZS 1319 Safety Signs for the Occupational Environment

## 2 CONSTRUCTION PHASE

Licensed contractors should be employed to do all work as required by legislation. Waste materials generated during the construction phase should be recycled or reused as set out in the Table 1 Construction Phase Waste Minimisation Strategy.

**Table 1: Demolition Phase Waste Minimisation Strategy**

<b>Construction Stage</b>				
<b>Materials on site</b>		<b>Destination</b>		
		<b>Reuse &amp; Recycle</b>		<b>Disposal</b>
<b>Type of Material</b>	<b>Estimated Volume</b>	<b>On-site</b>	<b>Off-site</b>	
<b>Green Waste, Top Soil</b>	1.0 m <sup>3</sup>		Sent to Waste Management Facility.	
<b>Concrete</b>	0.1 m <sup>3</sup>	As required for post footings to retaining walls etc.	Concrete to be sent to a recycling centre for crushing and recycling.	Nil.
<b>Metals</b>				
Metal sheeting	2.0 m <sup>3</sup>		Recycled at Metal Recyclers or sent to Waste Management Facility for sorting / recycling.	Nil.
Gutters	0.1 m <sup>3</sup>			
Copper	0 m <sup>3</sup>			
<b>Other</b>				
Doors/windows	0 m <sup>3</sup>		To a Second Hand Building Supplies.	Nil.
Fittings	0 m <sup>3</sup>			
Glass	0 m <sup>3</sup>		To a Glass Recyclers or Waste Management Facility	Nil.