

# CONSTRUCTION WASTE MANAGEMENT PLAN



**J480**  
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## 1.0 Waste Management Plan

### 1.1 Purpose

To outline how waste created for this project will be managed and dealt with and to avoid whenever practical, the generation of waste and to ensure an efficient recycle procedure of all waste material.

### 1.2 Scope

This procedure applies to the use of building materials that can be recycled and/or include recycled material in their production or packaging.

### 1.3 Procedure

#### 1.3.1 Waste Minimisation

Major subcontractors are urged to submit information about waste minimization, including the following:

- Practical steps taken in connection with their activities to stop waste from entering the site.
- They must actively manage garbage generated by their work that can be recycled as part of their waste reduction plan.
- Alternative items made from recycled materials that are compliant with the design requirements and could be used in their works.
- Ordering the appropriate number of materials and, when possible, prefabricating the materials.
- Separating off-cuts with care during sourcing to enable re-use, re-sale, or effective recycling.
- Reducing site disturbance and eliminating pointless excavation.

#### 1.3.2 Demolition

Demolition of the current building and numerous pavement sections are also included in the work.

At present a demolition contractor has not yet been chosen.

When choosing a demolition contractor, tenders should only be requested from credible businesses that can show they have the necessary procedures in place.

The demolition work will often include the following:

- Internal strip out
- Recovery of reusable building components (such as wood, doors, steel framework);
- Demolition of the structure
- Removal of foundations and services including any inground services

When it makes sense for the work being demolished, certain demolition techniques will be used. Recycling separation processes will be facilitated by bins that can be colour coded or plainly labelled. Off-site and on-site processes will both be recycled and fully reused where possible.

The site supervisor will make an effort to:

- Recycle excavated materials on-site and disposing of surplus at a designated disposal site;
- Either on-site or off-site landscaping using mulched green waste;
- Concrete, bricks, and tiles that have been recycled off-site or reused as necessary;
- Plasterboard that has been recycled on-site or returned to the supplier;
- Salvaged or repurposed framing wood;
- Recycling of windows, doors, and woodwork off-site;
- Recycling off-site of metal components, fittings, and plumbing fittings and metal elements recycled off-site;
- Location of on-site storage for materials that will be recycled off-site or utilized on-site.
- EPA and SafeWork Authority regulations must be followed when disposing of any asbestos, hazardous, or intractable wastes;

### 1.3.3 Design

Projects will be planned with ecological sustainability in mind and without having a negative effect on the environment.

The project will be built with a waste storage and recycling area (are designated for residential bins) that is adaptable in size and layout to accommodate changes in use in the future. The size will be determined using recommended bin sizes and waste generation rates in accordance with local regulations set by Council.

The client shall be informed of the arrangements made in the design for ongoing waste management such that:

- Location of temporary storage facility
- Information about the design of the waste storage and recycling sites
- Vehicle access

### 1.3.4 Bin System

By using separate compartments for recyclable and non-recyclable waste, a waste separation system will be accomplished.

Where possible, more bins will be made available to further sort waste into different recyclable categories. Alternatively, if we can sort garbage for recycling at its transfer area, all materials may be disposed of in a single bin.

Recycling materials gathered include:

- Paper, cardboard and plasterboard
- Food waste
- Aluminium
- Glass
- Steel and other metals
- Concrete, bricks and tiles
- Timber
- Plastic

The subcontractors will be in charge of disposing of all of their waste in the designated area and cleaning up after themselves each day in their assigned work zones.

The expense of tipping or sorting a specific bin will be the responsibility of the subcontractor who provided the waste that was discovered to be "contaminated" by that bin.

Where alternative recycling bins are offered, signage indicating the type of bin and the sort of garbage that can be put in it must be placed on each bin.

**1.3.5 Packaging**

All building material suppliers are urged to suggest package reuse and reduction measures.

The use of reusable transport containers and bulk handling will be promoted.

**1.3.6 Waste Quantities**

The amount of potential waste is calculated using:

- Quantifying the project's materials;
- Using the waste margins permitted when ordering items;
- Potentially entering these waste quantities into the waste management plan.

**1.3.7 Approximate Waste percentages**

Approximate waste percentages applicable include:

- Concrete            4%
- Bricks                5%
- Timber                5 to 10%
- Plasterboard        5 to 15%
- Tiles                  5 to 10%

### 1.3.8 Waste Procedure

It is important to identify the location area that will be used for on-site separation, treatment, and storage. The "Traffic Management" or "Erosion and sediment control" strategy might contain this.

Waste will be divided and/or kept on site for recycling and reuse.

To minimise waste generation and maximise reuse and recycling, site activities will ensure:

- Training
- Recycled materials used in construction
- Subcontracts include criteria for waste management
- Site supervisors inspections
- A dedicated location or bins designated for sorted garbage
- Clear signage of waste areas.

### 1.3.9 Training

Everyone working on the site will be accountable for making sure waste is disposed of in the appropriate bins.

### 1.3.10 Measure of Performance

Early in the project, a member of the team including the Site Manager will be involved to enable efficient waste management planning including the coordination of trash recycling, measurement, recovery, and disposal.

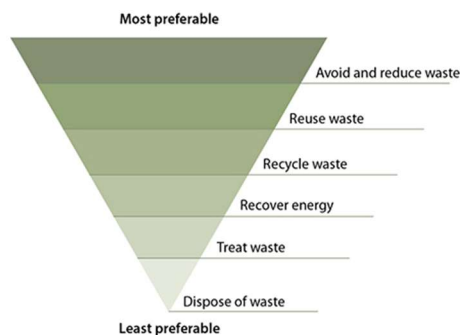
## 1.4 Monitoring

The Site Manager will be required to produce reports as required which includes identifying the number and size of bins, the type of garbage in each bin, the total tonnage produced to the best of their ability.

The Site Manager will include data on the proportion of recycled materials in routine project audits as required.

## 1.5 Corrective Actions

A non-conformance report method will notify the Site Manager when a subcontractor has unreasonably contaminated a bin. The expense of monitoring and recording each corrective action the subcontractor takes against the non-conformance procedure will be borne by the subcontractor.



## Table of Reuse, Recycle & Disposal

Material	Reuse - Recycle - Disposal		
	On-site	Off-site	Disposal
	Specify how materials will be reused or recycled on site	Specify the contractor and recycle outlet	Specify the contractor and landfill site
Excavated Material <ul style="list-style-type: none"> <li>• Topsoil / Fill</li> <li>• Clay / Shale</li> <li>• Green Waste</li> </ul>		Contractor to advise in local area	CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Brick & Masonry	50% reuse as clean fill for driveway construction and retaining walls	Contractor to advise in local area	CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Tiles			CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Clay			
Ceramic			
Concrete	Possible crush on-site and use as recycled aggregate	Contractor to advise in local area	CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Timber		Contractor to advise in local area	CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Formwork			
Plasterboard		Contractor to advise in local area	CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Metal	Prefabricated supply		CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be
Kitchens	Prefabricated supply		CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery

Material	Reuse - Recycle - Disposal		
	On-site	Off-site	Disposal
	Specify how materials will be reused or recycled on site	Specify the contractor and recycle outlet	Specify the contractor and landfill site
Bathroom Fixtures	Prefabricated supply		CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Windows	Prefabricated supply		CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Louvres & Screens	Prefabricated supply		CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Curtains	Prefabricated supply		CMS Plant Hire Pty Ltd and landfill to be confirmed during construction to be Kimbriki Resource Recovery Centre.
Paint	Wash up area to be established on site		Contractor to advise in local area

\* The above can be altered while building