



# Waste Management Plan

Key Workers Accommodation – Broken Hill

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# Attachments

<b>Sustainability Policy</b>
<b>Environmental Policy</b>

## Project Information

<b>Project Name</b>	Key Workers Accommodation – Broken Hill
<b>Project Address</b>	176 Thomas Street, Broken Hill, NSW, 2880
<b>Building Type</b>	Key Workers Accommodation
<b>Building Description</b>	Modular Two Storey Accommodation
<b>Client / Building Owner</b>	NSW Health Infrastructure
<b>Owner's Project Manager</b>	Mostyn Copper

## Glossary

Term	Definition
WMP	Waste Management Plan (WMP) that applies to all parties on this Project
Client	NSW Health Infrastructure – the Project's owner, who the Contractor is responsible to
Contractor	Means Hutchinson Builders or Hutchies – the primary contracted party for the Project with the Client (sometimes also known as 'Head Contractor' or 'Principal Contractor') and owner of this Plan
Effectiveness	Is the extent to which planned activities are realised and planned results achieved
Subcontractor	Means any third party engaged by the Contractor to undertake works on the Project
Supplier	Means any third party providing goods to the Contractor for the Project

## 1. Introduction

### 1.1 Purpose of the Plan

Hutchinson Builders has developed this project specific Waste Management Plan (WMP) as the appointed Contractor to undertake the construction of the Key Workers Accommodation – Broken Hill project. This Plan has been developed to ensure that all the strategies, systems and procedures required to ensure legislative, contractual and other obligations and targets as relevant for the Key Workers Accommodation – Broken Hill project has been addressed.

This Plan provides the framework for managing and addressing the controls and processes implemented by Hutchies' project team, subcontractors and consultants in carrying out their relevant scope of works.

### 1.2 Plan Review

This Plan is to be reviewed when deficiencies are identified, or changes occur in Hutchinson Builders' Waste Management System or project scope of works change such that the information contained in the plan is no longer accurate or valid.

## 2. Project Scope of Works

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### 2.1 Project Overview

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Hutchinson Builders has been contracted to undertake the Key Workers Accommodation – Broken Hill project, consisting of the development of new key worker accommodation modules which are being built in the Hutchinson Builders Toowoomba yard before being transported to Broken Hill.

### 2.2 Project Location

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Name	Key Workers Accommodation
Address	176 Thomas Street, Broken Hill NSW 2880
RP	3751/-/DP757298





### 3. Sustainability Policy



**Hutchies is committed to the long term integration of environmentally sustainable practices throughout our organisation and projects.**

Where possible we will adopt strategies and embrace opportunities that arise from environmental, technological and social developments. Our objective is to design, construct and manage buildings that create healthy environments based on sustainable and energy efficiency principles.

The sustainable design, construction and operational practices within Hutchies' framework are aimed at consistently achieving or exceeding recognised energy, water and waste management benchmarks that have a direct or indirect impact on the environment.

We demonstrate this through:

- Considering whole of life and sustainability factors in the design, construction of our projects and operation of our business
- Empowering our people to implement sustainable work processes
- Monitoring and reporting against credible objectives and targets applicable for sustainable building certifications in the utilisation and production of energy, water and waste
- Adopting procurement techniques that consider recycled or recyclable materials
- Actively participating in industry bodies and groups to further improve sustainability in construction
- Establishing our approach to achieving net zero by 2050
- Minimising waste on our projects / in our operations
- Recycling, reusing or repurposing materials and products where possible
- Fulfilling legal and other relevant requirements

Hutchies recognises its responsibility to practice and promote behaviours that support activities which contribute to effective sustainability practices within the community.

**Russell Fryer**  
Managing Director  
J Hutchinson Pty Ltd

**Date 1 May 2023 / Policy HU-Policy-004 / Version 8**

## 4. Waste Management

### 4.1 Objective

Hutchies operates within the construction industry and is committed to the delivery of construction activities through environmentally responsible practices throughout the entire project.

These practices included the continual consideration of:

- Materials proposed for projects;
- Quantity of materials and wastage amounts; and
- Disposal of demolition materials, excess materials from site and construction waste.
- Hutchies waste management objectives are supported by the Sustainability Policy and Environmental Policy.

■ [Sustainability Policy](#) / [Appendix 1](#)

■ [Environment Policy](#) / [Appendix 2](#)

### 4.2 Construction Waste

Removal of construction waste will be via skip bins provided by a local waste disposal contractor. Construction waste bins will be contained within our Contractors Zone at all times and the storage of all waste will be contained within these bins at all times.

Where possible, waste will be sorted onsite to provide the greatest opportunity for recycling and minimising impacts on the environment. Subject to the extent of the construction works this may include using separate bins, recycling metal materials, separating concrete materials, etc.

#### 4.2.1 Controls / Work Methods

Aspect	Objective
Materials	Re-usable or recyclable materials, will, where practicable, be separated onsite into dedicated bins / areas for either re-use onsite or collection by a contractor and transport to off-site facilities.
Packaging Waste and Pallets	Packaging waste and pallets will be returned to suppliers where possible
Waste Quantities	Waste quantities should be reduced where possible through reuse and recycling. When purchasing materials consider opportunities to avoid waste through ordering correct sizes where practicable to avoid cut-offs and not over-ordering any one product.
Shared Resources / Materials	Consider if resources / materials can be shared onsite. For example, unavoidable off-cuts may have another use.

### 4.3 Monitoring and Recording

In accordance with Hutchinson Builders Environmental Management Plan (EMP), each site will adhere to legislation and best practice guidelines and the ability to make informed assessment for potential improvement.

Each site will monitor waste to ensure reuse and recycling is optimised and that correct separation of waste materials is taking place as per the site specific requirements.

## 5. Construction

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### 5.1 Modular Construction

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Modular construction has many benefits, including the reduction in pollution and construction waste that is generated. The construction of modules within a factory environment requires meticulous planning and coordination which allows for better material management, minimisation of waste generation and supporting sustainable practices.

The use of modular construction allows for the streamlining of materials procurement and wastage. The practices that are followed for construction allow for minimal off-cuts and recycling of materials from one modular construction to the next. Whilst streamlining materials, it also allows for the reduction in requirement for excessive machinery use and minimises the amount of time spent within the final installation environment therefore minimising the impact on the local eco-system.

### 5.2 Modular Yard

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#### 5.2.1 Waste Management Approach

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Within the Hutchinson Builders modular yard, the following waste management approach is utilised:

- Separation of waste for recycling and disposal;
- Reuse of materials and off-cuts within the project (where suitable); and
- Minimising excess ordering.

#### 5.2.2 Toowoomba Regional Council

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Hutchinson Builders works alongside our subcontractors to ensure that waste in the modular yard is separated and recycled where possible. This approach is done alongside the local council recycling and disposal options.

Toowoomba Regional Council allows for the recycling and disposal of waste in a variety of forms including:

- Green waste;
- Concrete, asphalt, rocks, builders rubble;
- Scrap metal;
- Timber;
- Resource recycling; and
- General waste.

Where possible, subject to the range of materials used within the modular construction, designated skips are provided for relevant recyclable or disposable materials within the modular yard.

#### 5.2.3 Sharing of Materials

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Hutchinson Builders approach to the construction of the modules for the Key Workers Accommodation project includes the construction of multiple modules and sites at the same time within the Modular Yard. This approach allows for the sharing of materials and reduction in wastage required for the raw materials that are being used to manufacture the foundation and structure of the modules.

Due to the quantity of modules that are required as part of the project, the development will be undertaken in multiple stages of manufacturing and therefore excess materials from the previous stages are able to be utilised in the subsequent stages prior to ordering anything further.

#### 5.2.4 Prepping Modules for Transportation to Site

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The development of the accommodation modules are being completed in a manner which allows for any materials being transported to site to be transported with each module. This is achieved due to minimal additional materials being required once the modules are landed except for materials required for the joining of the modular units and connect to existing infrastructure.

## 5.3 Landing Site

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Due to the nature of modular construction, minimal waste is anticipated to be generated onsite. Where waste materials are created, Hutchinson Builders will continue with the above mentioned approach:

- Separation of waste for recycling and disposal;
- Reuse of materials and off-cuts within the project (where suitable); and
- Minimise excess ordering of materials.

### 5.3.1 Broken Hill City Council

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Hutchinson Builders will continue to work alongside our subcontractors to ensure that waste created at our construction site is separated and recycled where possible. This approach will be completed alongside the local council recycling and disposal options.

Broken Hill Regional Council allows for the recycling and disposal of waste in a variety of forms including:

- Builders Rubble;
- Resource Recycling;
- Green Waste;
- Contaminated and Un-Contaminated Soil; and
- Ferrous Material.

Where possible, subject to the range of materials used onsite, designated skips will be provided for relevant recycling or disposal of materials within the local waste facility.



# Document Control

## Revision History

Version	Details	Authorised Name / Position
A	Issued for Approvals	Rebecca Sutton Contract Administrator

## Disclaimer

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## Sustainability Policy

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# Sustainability



## Hutchies is committed to the long term integration of environmentally sustainable practices throughout our organisation and projects.

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The sustainable design, construction and operational practices within Hutchies' framework are aimed at consistently achieving or exceeding recognised energy, water and waste management benchmarks that have a direct or indirect impact on the environment.

We demonstrate this through:

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- Fulfilling legal and other relevant requirements

Hutchies recognises its responsibility to practice and promote behaviours that support activities which contribute to effective sustainability practices within the community.

A handwritten signature in black ink, appearing to be 'Russell Fryer'.

**Russell Fryer**

Managing Director  
J Hutchinson Pty Ltd

**Date** 1 May 2023 / **Policy** HU-Policy-004 / **Version** 8



## Environmental Policy

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# Environmental



**Hutchies operates within the construction industry and is committed to the delivery of construction activities through environmentally responsible practices from inception to completion.**

We demonstrate this through:

- Environmental objectives in alignment with the business's strategic direction
- Compliance with environmental laws and regulations
- Identifying, assessing and planning works to mitigate undesirable environmental impacts
- Following procedures in order to reduce pollution, protect the environment and minimise the environmental impact of our operations
- A commitment to the continual improvement of the environmental management system and the associated tools

Hutchies is committed to minimising the impact on the environment from our construction activities to the extent to which we can control and require the same from those performing work on our projects.

**Russell Fryer**

Managing Director  
J Hutchinson Pty Ltd

**Date** 1 May 2023 / **Policy** HU-Policy-002 / **Version** 8



ISO  
**14001:2015**  
ENVIRONMENTAL MANAGEMENT SYSTEM