



Date: 21st March 2025

Waste Management Plan for
11 Lucerne Street, Belmore, NSW, 2192

Prepared by

GROUND KING CIVIL PTY LTD

Charlie Boustani

General Manager





Table of Contents

1. Introduction	3
2. Property Description	4
3. Demolition	5
3.1 Managing Materials from Demolition	6
3.2 Site Operation and Management	7
4. Construction	8
4.1 Managing Waste Materials from Construction	8
4.2 Construction Design and Management	9



1. Introduction

Ground King Civil Pty Ltd has been engaged by Jean El Hani to provide a Waste Management Plan for the site at 11 Lucerne Street, Belmore, NSW located within Canterbury Bankstown Council (refer to Figure 1.1)

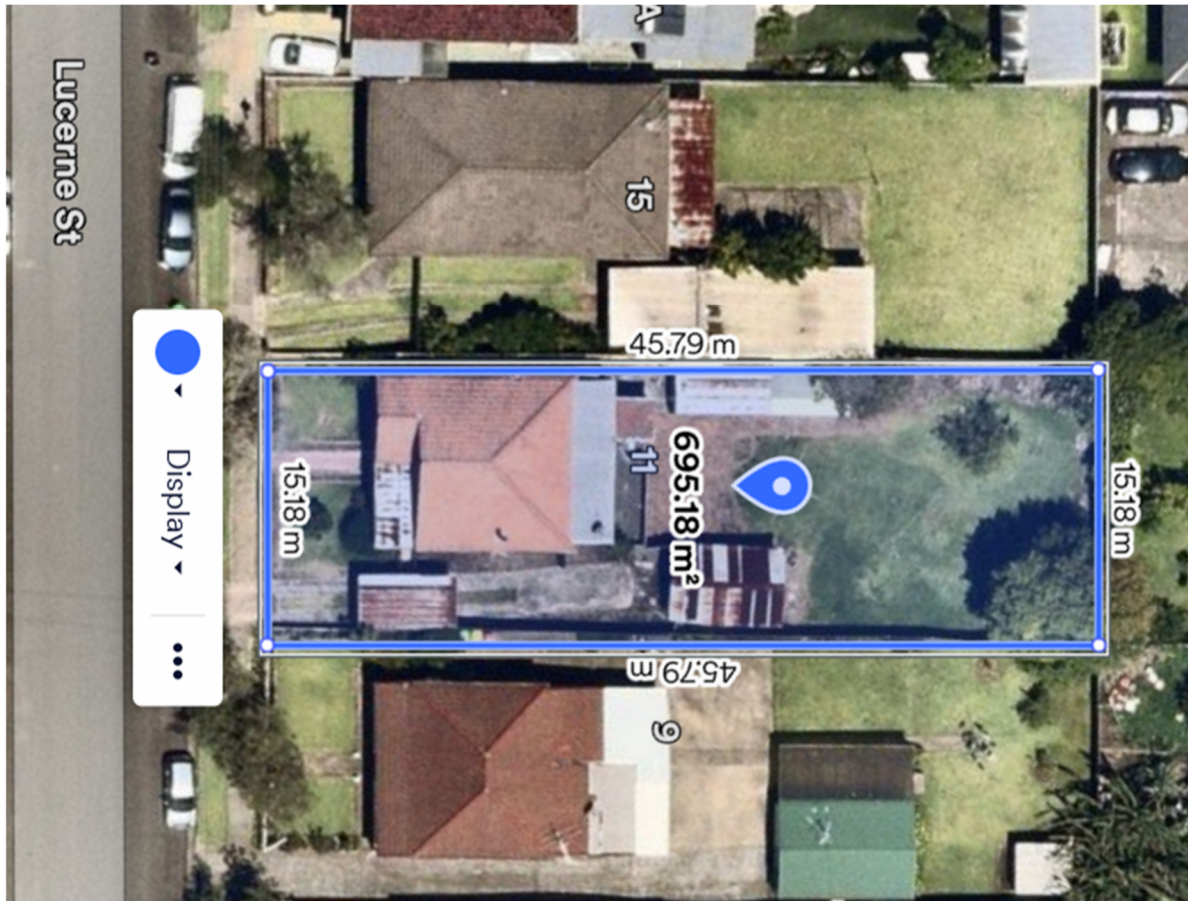
A waste management plan and report are required for the proposed development to support the design during demolition, construction and service conditions, along with achieving the objectives to promote sustainable operation of the development. The development achieves the waste management objectives set out in the council codes as well as any statutory requirements. The details which will be addressed include:

- a description of the site and details of the development proposal;
- reuse, recycling and disposal of materials during demolition, excavation, construction and service conditions;
- a review of the design features of the proposed waste management system for compliance with relevant codes, standards and regulations; and
- identification of procedures for on-going waste management.

Figure 1.1: Subject site (Source: Google Maps)



Figure 1.2: Subject site (Source: Nearmap)



2. Property Description

The development proposes demolition and site clearance of all existing structures as per the demolition plan provided by Architect Amer Hazim.



3. Demolition

Materials from the demolition stage shall be reused, recycled or disposed in accordance with the provisions outlined in this WMP and the requirements of the Protection of the Environment Operations (Waste) Regulation 2014.

Where possible, waste materials should be managed so most materials will be reused or recycled, with only a small proportion of waste going to landfill.

Prior to any demolition works, a suitably qualified inspection shall conduct an inspection of asbestos construction materials (ACMs) on the existing structures to be demolished. The inspector shall certify in writing if the asbestos materials are less than 10 m². If more than 10 m², a licensed asbestos remover shall conduct the asbestos removal and tipping. In the latter case, the name, address and asbestos license number of the remover, as well as the name and the address of the licensed landfill where all asbestos will be taken shall be informed to council. All records covering the transport and tipping of any asbestos construction materials or any asbestos contaminated materials must be maintained on site for the inspection of a council officer or other principal certifying authority.

All asbestos waste must be transported in a part of the vehicle that is covered and leak-proof and disposed of at a landfill site that can lawfully receive it. The project manager will ensure a unique consignment number is created and report to EPA using a WasteLocate if over 100 Kilograms or 10 square meters of asbestos is being disposed of. No asbestos waste is disposed to general waste or recycled bin; or reuse, recycle or illegally dumped.





3.1 Managing Materials from Demolition

Table 1 below details the amount of material that is estimated to be produced from the demolition stage, as well as the planned re-use, recycling or disposal plans.



Table 1: Management of demolition materials

Materials on-site		Reuse and recycling		
Type of Material	Estimated volume (m ³) or area (m ²) or weight (t)	On-site How materials will be reused or recycled on-site	Off-site Contractor recycling outlet	Disposal Contractor and landfill site
Timber	20m ³		Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766
Concrete	50 m ³	N/A	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Nil to landfill
Fiborous Cement Cladding	6 m ³	N/A	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Nil to landfill
Bricks/Pavers	100 m ³		Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Nil to landfill
Roof tiles	25 m ³	Break up and use as fill, aggregate	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Nil to landfill
Plasterboard	8 m ³	Break up and use in landscaping	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766
Metals	5 m ³	N/A	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766
Green waste	50 m ³	Separated, chipped and stored on site for reuse in landscaping	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766

3.2 Site operation and Management

The site operation will be managed to reduce waste creation and maximise reuse and recycling by settling waste management requirements in contracts with sub-contractors, on-going checks by supervisors on site and the use of clear signage at designated waste areas.

In addition, the project team leader will:

- Liaise with contractors to identify areas where they can reduce waste and reuse materials in their respective trades.
- Meet local, state and federal waste minimisation legislation and environmental standards.
- Prevent pollution and damage to the environment.
- Protect the safety and health of employees and the public.

Waste will be separated and sorted on site for reuse and recycling through maintaining separate areas for sorted wastes with one area for recyclables and another area for waste going to landfill. Utilising selective deconstruction rather than straight demolition will ensure that good quality material can be reused or recycled.



4. Construction

Materials that are not used in the construction stage shall be reused, recycled or disposed in accordance with the provisions outlined in this WMP and the requirement of the Protection of the environment Operations (Waste) Regulation 2014.

Where possible, waste materials should be managed so that most materials will be reused or recycled, with only a small portion of waste going to landfill.

4.1 Managing waste materials from Construction

Materials on-site		Reuse and recycling		
Type of Material	Estimated volume (m ³) or area (m ²) or weight (t)	On-site How materials will be reused or recycled on-site	Off-site Contractor recycling outlet and	Disposal Contractor and landfill site
Timber	100m ³	N/A	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766
Concrete	300m ³		Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Nil to landfill
Bricks/Pavers	120m ³	Clean & reuse for landscaping, bricks in good condition used for internal walls	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766 Bingo Industries	Nil to landfill
Plasterboard	100m ³	Break up and use in landscaping	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766	Bingo Industries 1 Kangaroo Ave, Eastern Creek, NSW, 2766

Table 2: Management of waste construction materials

Table 2 below details the amount of waste material that is estimated to be produced from the construction stage, as well as the planned reuse, recycling or disposal plans.



4.2 Construction Design & Management

Waste avoidance has been integrated into the design by incorporating as much detail as possible within the design and use of prefabricated materials to ensure a reduction in waste generated on-site. Materials purchased will be checked against previously known quantities required to build similar project and adjusted as construction progresses for this particular project. Reduction in the waste can also be achieved through the reuse of building materials in good condition from the demolition phase.

