

# **WASTE MANAGEMENT** **PLAN**



**benchmark**  
BUILDING CERTIFIERS

## **Outline of Proposal**

**SITE ADDRESS:** Lot 6217 DP 1211124 Ninth Avenue, Jordan Springs

**APPLICANT:** Galea's Carpentry Pty Ltd / Santolo Building Design

**PHONE:** C/- 0423 707 516

**FAX/EMAIL:** david\_galea88@hotmail.com

**BUILDINGS ON SITE:** Vacant site

**PROPOSAL:** Construction of a two storey dwelling house

**DATE:** October 2016

*This Waste Management Plan  
has been prepared by Anthony Krilich (MAIBS, B.App.Sc. (Env. Hlth)).*

.....  
**Anthony Krilich**  
**Report No. J16-056**

## DEMOLITION – STAGE 1

*Nil – No demolition is required. Site is vacant.*

## CONSTRUCTION – STAGE 2 (A)

*Construction of a new two storey dwelling development.*

Materials On-Site	DESTINATION			
	RECYCLING AND REUSE		DISPOSAL	
Type of Material	Estimated Volume (m <sup>3</sup> ) or weight (t)	ON SITE Specify proposed reuse or on-site recycling methods	OFF SITE Specify contractor and recycling outlet	Specify contractor and landfill site.
<b>Excavation Material</b>	Surplus excavation material to be minimised due to the concrete slab on ground system to be used for the dwellings. Any excess material to be graded on site.	Any remaining surplus excavated material will be re-graded into site or used under concrete slab area.	No off site recycling outlet is required.	No landfill site is required for excavation material.
<b>Green Waste</b>	Nil. No trees on site.	N/A.	N/A.	N/A.

<b>Roof Tiles</b>	Nil – Metal roof	N/A	N/A	N/A
<b>Bricks/Masonry</b>	Approximately 1-2 tonnes.	Some better bricks to be kept for site owners' future use. Others used in retaining work/ driveway base/ landscaping edging and backfilling if required.	If possible, remaining bricks and off cuts to be taken to: "Boral Crushing" Industrial Drive, Mayfield West	Any bricks not recycled will be disposed of at landfill. Probable destination for disposal will be: "SITA Environmental Solutions" – Wallgrove Road, Eastern Creek.
<b>Concrete</b>	Maximum 0.5m <sup>3</sup>	Possible use of any excess concrete spill to in base for driveways and paths (non-structural components only).	No off-site recycling outlet proposed. Remaining concrete to be taken back by delivering concrete truck to concrete batching plant for re-use.	Nil off-site landfill disposal for concrete waste is proposed.
<b>Timber</b> - Framework - Fit out timber - Other ancillary	Minimal waste generation due to truss and frame fabrication processes.	All better timber pieces will be kept for future building projects.	Any required off site disposal for unusable timbers will be sent to the recycling contractor: "South Windsor Resource Recovery Centre" 723-727 George St, Windsor Or "Dial-a-Dump Industries (Genesis)" Honeycomb Drive, Eastern Creek  Any other recycling outlet may also be sourced by building contractor.	Nil off-site landfill disposal for timber waste is proposed.

<b>Plasterboard</b>	Approximately 1 to 1.5 tonnes.	Nil, other than installer's procedures for reducing waste generation through good work practice.	Gyprock supplier (CSR or Boral) to generally undertake recycling of all off-cuts and surplus material for recycling.  For example, Boral plasterboard to be recycled by: "Boral Plasterboard" 3 Thackery Street, Camellia. CSR plasterboard to be recycled by: "Jarmax" (9772 1197)	Nil off-site landfill disposal for plasterboard waste is proposed.
<b>Metals –</b> - Roofing - Piping - Flashing - Downpipes and guttering. - Structural steel work and reinforcing	Estimated volume difficult to determine but would be minimal (due to cost of most materials and products).	Most material is used as best as possible on site due to cost of materials (eg copper piping). Other material, such as reinforcing steel is not wasted but used in structural concrete works.	Specific contractor to recycle most metals (eg. Copper piping by plumbing contractor). All waste metals not recycled by specific contractor will be recycled at: "SimsMetal Ltd" 76 Christie Street, St Marys	Nil landfill disposal is proposed for any metals is proposed.
<b>Other – General waste</b> - Cladding - Plastics (PVC/UPVC) - Polystyrene. - Glass - Paper & cardboard - Tiling/fittings - Other ceramics - Carpets/cloth - Wiring - Putrescible waste etc..	Approximately 2-3 tonnes.	Nil on-site use.	All paper/cardboard & glass to be recycled at appropriate outlet.  Probable destination will be "Dial-a-Dump Industries (Genesis)" Honeycomb Drive, Eastern Creek  Other non-recyclable waste to be disposed of in landfill.	Generally, most other waste will be disposed of at: 'SITA Environmental Solutions' – Wallgrove Road, Eastern Creek.

**Additional Information:**

The above quoted waste companies may be changed where disposal to another approved company is proposed. In addition, the following services may be useful:

***The Sydney Waste Exchange***

- The Sydney Waste Exchange links people who wish to dispose of fill with people who wish to obtain it. The service regulates the exchange process and provides necessary documentation. Refer to [www.sydneywaste.com.au](http://www.sydneywaste.com.au) or phone 9638 3330.

***Construction Connect***

- Construction Connect is an online trading site where buildings, landscapers and earthmovers, suppliers and the general public can list their excess or second-hand building materials or clean fill they no longer need. Buyers contact the sellers directly to organise a sale. The aim is to keep valuable resources from being disposed of to landfill and preserve natural resources. Refer to [www.constructionconnect.com.au](http://www.constructionconnect.com.au).

**Additional Notes for Waste Management:**

- Builder to advise all sub-contractors of waste practices required when working on site.
- Builder/contractors to keep an inventory of all receipts from re-use and recycling depots/companies and landfill sites.
- "Waste handler" to be chosen by builder to follow waste management plans.
- Builder to label all on-site waste sorting and storage areas.
- Builder to follow a "purchasing policy" that will:
  - Identify required quantities of materials accurately to minimise waste.
  - Source suppliers who recycle or reuse waste or surplus supplied materials.
  - Source suppliers who have reduced packaging or who recycle their own packaging.

## DESIGN OF FACILITIES – STAGE 2 (B)

### Type of waste to be generated:

- The type of waste to be generated includes general household waste generation. This incorporates a variety of paper products, plastics, food wastes and glass generated in a normal household.
- Waste generation will be as a typical dwelling.

### Expected volume per week:

- The expected total volume per week are difficult to estimate but would be up to 80 litres per occupant per week. Approximately 1/3 of this volume would be recycled (ie. About 25 litres/occupant/week).

### On-site storage:

- It is proposed for a waste cupboard to be incorporated within the proposed kitchen of the dwelling.
- Site containers will consist of standard Penrith City Council garbage bin, recycling bin and green waste bin for the dwelling.
- Waste storage and recycling bins will be located within the yard areas of the site.
- Bins will be wheeled to street on collection night. Collection will be by Council's waste contractor.
- No additional requirements for on-site storage.

## ON-GOING MANAGEMENT – STAGE 2 (C)

Standard on-going management for a development of this size would include:

- As per occupants/owners choice.

#### Disclaimer Notice:

THIS WORK IS COPYRIGHT AND HAS BEEN PREPARED BY BENCHMARK BUILDING CERTIFIERS FOR USE ON THE PROJECT. APART FROM ANY USE PERMITTED UNDER THE COPYRIGHT ACT 1968, NO PART MAY BE REPRODUCED BY ANY PROCESS, NOR MAY ANY OTHER EXCLUSIVE RIGHT BE EXERCISED WITHOUT THE PERMISSION OF ANTHONY KREUCH OF BENCHMARK BUILDING CERTIFIERS (2016).