

# WASTE MINIMISATION & MANAGEMENT PLAN

PROJECT: PROPOSED DEPOT BUILDING

SITE ADDRESS: 6 FLINDERS ROAD, SOUTH NOWRA NSW 2541

APPLICANT: SHOALHAVEN WATER

PROJECT No: 17-0062

DATE: 28, May 2010

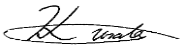
The following details outline the intentions for managing waste generated by this project, in accordance with Shoalhaven City Council Requirements.


Please find attached:

1. Proposal
2. Demolition Stage
3. Bulk Excavation
4. Construction Stage
5. Servicing and Ongoing Use of Premises



REVISION	DATE	DESCRIPTION
--		<ul style="list-style-type: none"><li>• Issue for DA submission</li></ul>
		<ul style="list-style-type: none"><li>•</li></ul>
		<ul style="list-style-type: none"><li>•</li></ul>
		<ul style="list-style-type: none"><li>•</li></ul>

Prepared By:	Keiya Urata	Signed:
Position:	Architectural Graduate	
Date:	28 May 2020	

Approved By:	Gabe Reed	Signed:
Position:	Associate Director Registered Architect	
Date:	03 July 2020	



## 1. PROPOSAL

The proposed development consists of new workshops, offices, stores and associated external ancillary structures adjacent to the existing buildings. Refer to drawings I7-0062/S3 01-08.

This Plan includes the demolition, bulk excavation, construction, servicing and ongoing use of the proposed development.

## 2. DEMOLITION

The development involves the demolition of the existing minor structures (concrete kerb and adjoining bituminous surface treatments) and the removal of vegetation.

Material	Quantity Estimated vol (m <sup>3</sup> ) or weight (t)	Method			Destination
		Recycled on-site	Recycled off-site	Disposal	
Timber			✓		Use for formwork on-site. Contractor to deliver remaining to West Nowra Recycling and Waste Disposal Depot
Plasterboard				✓	Contractor delivery to West Nowra Recycling and Waste Disposal Depot
Roof Iron			✓		Contractor delivery to West Nowra Recycling and Waste Disposal Depot
Concrete	0.1m <sup>3</sup>		✓		Contractor to segregate & delivery to West Nowra Recycling and Waste Disposal Depot
Bricks			✓		Contractor to segregate & delivery to West Nowra Recycling and Waste Disposal Depot
Asbestos				✓	If Asbestos is found, contractor will deliver to West Nowra Recycling and Waste Disposal Depot appropriated wrapped, in accordance with Australian Standards
Organics (green waste, vegetation)	10m <sup>3</sup>	✓	✓		Contractor delivery to West Nowra Recycling and Waste Disposal Depot
Doors			✓		Contractor delivery to second hand building yard
Carpet			✓		Contractor delivery to second hand building yard. If damaged, delivery to West Nowra Recycling and Waste Disposal Depot
Aluminium Windows			✓		Contractor delivery to second hand building yard. If damaged, delivery to West Nowra Recycling and Waste Disposal Depot

## 3. BULK EXCAVATION

The proposal includes the bulk excavation with on site recycling and disposal at an approved landfill site.

Bulk Excavation	Estimated Volume	Location Landfill
Top Soil	2600m <sup>3</sup>	Reuse on site for landscaping - 1900m <sup>3</sup>
Compacted Fill	N/A	Reuse on site back fill
Clean Fill	700m <sup>3</sup>	Approved Land fill site – to be determined by Contractor



#### 4. CONSTRUCTION

The construction waste, including volume, recycling and servicing requires servicing of material waste, general waste and recycling to be carried out on the site.

Material	Quantity vol (m <sup>3</sup> ) or weight (t)	Method			Destination
		Recycled on-site	Recycled off-site	Disposal	
Bricks & Blocks	3m <sup>3</sup>		✓		Contractor to segregate any excess and transport to West Nowra Recycling and Waste Disposal Depot
Concrete	2m <sup>3</sup>	✓	✓		Recycled on-site for back fill and builder to segregate any excess and transport to West Nowra Recycling and Waste Disposal Depot
Insulation material	1m <sup>3</sup>			✓	Contractor to transport to West Nowra Recycling and Waste Disposal Depot
Timber off-cuts	2m <sup>3</sup>			✓	Use for framework where possible, remaining to be transported by contractor to West Nowra Recycling and Waste Disposal Depot
Steel/metal off-cuts	3m <sup>3</sup>		✓		Return to supplier or to West Nowra Recycling and Waste Disposal Depot
Fibre-cement sheet	0.2m <sup>3</sup>			✓	Return undamaged sheets to supplier, remaining to be transported by contractor to West Nowra Recycling and Waste Disposal Depot
Plasterboard	2m <sup>3</sup>			✓	Return un-used sheets and off-cuts to supplier for recycling, remaining to be transported by contractor to West Nowra Recycling and Waste Disposal Depot
Paint & other drum type containers & surplus paint	3m <sup>3</sup>			✓	separate and contractor to transport to West Nowra Recycling and Waste Disposal Depot
Sand	3m <sup>3</sup>	✓			Use in landscaping or site fill if needed, remaining to be transported to West Nowra Recycling and Waste Disposal Depot
Non-ferrous metals (copper pipe, electrical wires, alumin cans etc)	0.5m <sup>3</sup>		✓		Contractor to transport to West Nowra Recycling and Waste Disposal Depot

##### Important Note:

An area shall be set aside and shall be sufficient to locate the various waste streams (bricks & tiles, concrete, timber, steel, non-ferrous metals, plasterboard, pallets, plastics, cardboard, packaging, paint and paint drums and other waste). Space shall also be provided for bulk materials such as sand that are not stored in skips. This area shall be kept clear so that vehicles have ready access and manoeuvring room and shall also be kept in a tidy condition both for WHS reasons and to encourage separation of waste materials.

The waste management principles and facilities in use on the site shall be included as part of the site induction for all personnel working on the site and their correct use shall be rigidly enforced.



## 5. SERVICING & ONGOING USE OF PREMISES

The following is proposed:

- 4 x 240 litre refuse bin.
- 4 x 240 litre recycling bin.

A total of 8 bins are to be provided and stored in secure weather protected area within or near the building not visible from streets. To reduce the number of bins located on the nature strip when servicing, existing commercial cleaner and waste collection service contracts will be reviewed to accommodate the additional needs. These services are to be carried out on different days.

### Proposed waste and recycling system

What type of waste & recycling system is proposed? Wheelie Bins

Waste system is clearly detailed in plans submitted as part of this Development Application



### Amenity

Screened from public view

Minimises odour & noise impacts on residents & neighbours

Complements the building design & surrounds



### Size

Large enough for the amount of waste generated

Sufficient size to accommodate waste containers

(If using wheelie bins), Street frontage is wide enough



### Access

Waste storage area will be easily accessible for people to deposit waste

A realistic travel distance to walk to storage area

Wheelie bins can easily be move to kerb side

For on-site waste collection, suitable area for waste collector



### Functional

Protected from weather

Secure from vandalism & illegal dumping

Functional waste storage inside the premises



Please note:

The above summary points have been extracted from Councils Requirements, Controls for Waste Minimisation and Management Policy in order to compile this part of the report.