



CRAIG & RHODES

TAKE THE LEAD

WASTE MANAGEMENT PLAN

**Integrated DA: Construction of 53 dwellings
with accompanying Torrens Title Subdivision.**

**Lot 1 DP 592091
20 – 22 Macpherson Street, Warriewood**

Prepared for **Green Kingswood Pty Ltd.**

February 2023

Our Ref: 359-21

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This report has been prepared by Craig & Rhodes Pty Ltd and has undergone a quality assurance review. The below signatures confirm review completion.

Issue	Date	Author	Reviewed	Approved
A	23/02/23	Caterina Abarca	D. Apple	



1. Site Investigation

1.1 Site Details

The Site consists of one lot, the details of which are shown in **Table 2** and **Figure 1**.

Table 2 - Site details

Legal Description	Address	Site Area	Owner(s)
Lot 1 DP 592091	20 – 22 Macpherson St, Warriewood	20,560 m ²	Green Kingswood Pty Ltd

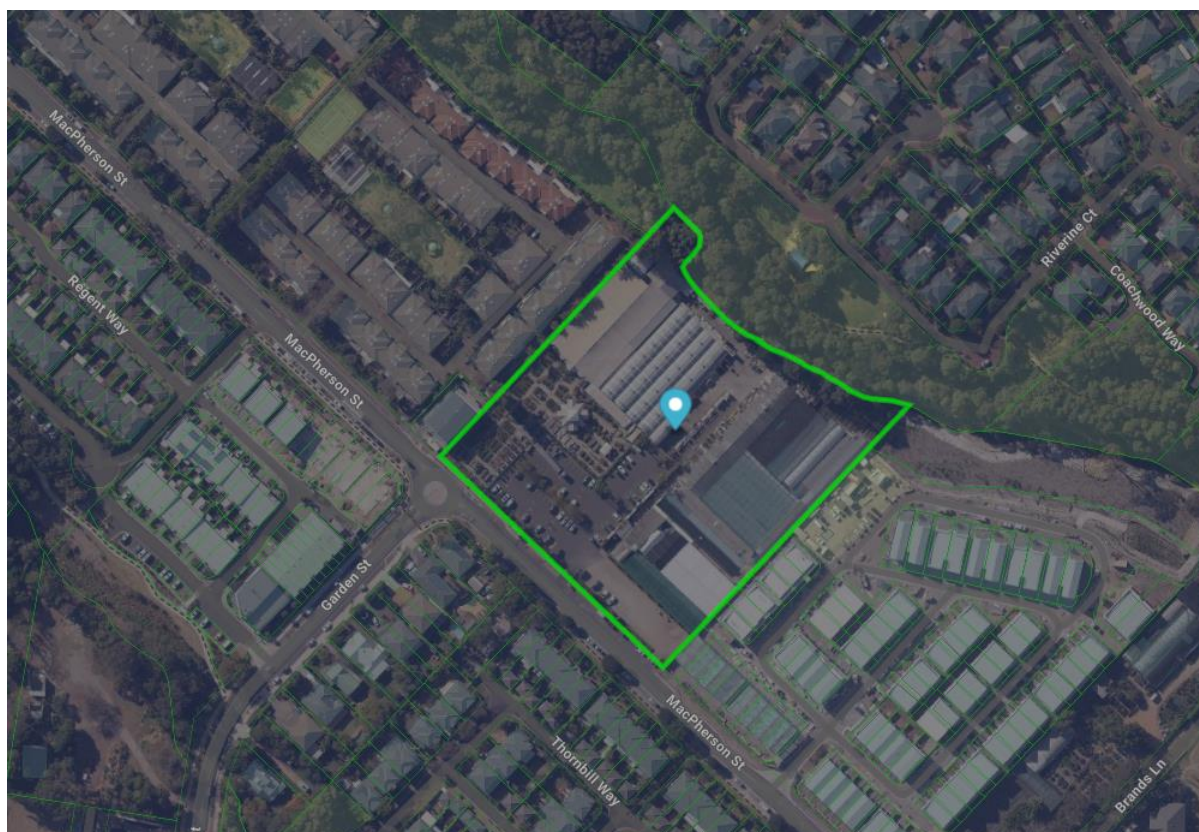


Figure 1 – Aerial Photo of the Site (Mecone Mosaic 2023)

1.2 Existing Environment

The Site is presently occupied with a wholesale nursery and garden centre, otherwise known as Flower Power Garden Centre Warriewood. As part of this existing development, the Site comprises multiple warehouses, greenhouses, small clusters of trees and vegetation, and an outdoor nursery containing saplings, pottery, and a pavilion.

Immediately to the Site's east, south, and west are medium density residential development also accessed via Macpherson Street. To the north of the Site is Narrabeen Creek which contains a lush foliage of trees identified as terrestrial biodiversity. Part of the land adjoining Narrabeen creek mapped as terrestrial biodiversity is contained within the Site.



2. Proposed Development

This report applies to the proposed construction of 53 dwellings including the Torrens title subdivision of the site into 53 residential lots across eight (8) stages.

Summary of Proposed Demolition Works

The following will be subject to demolition:

- All existing buildings and ancillary structures
- Trees and vegetation removal within the commercial portion of the Site
- Removal of concrete slabs/pavement
- Removal of any scattered rubbish and general waste

Summary of Proposed Construction Works

- Construction of 53 double storey dwelling houses:
 - 33 x dwelling houses with 3 bedrooms
 - 20 x dwelling houses with 4 bedrooms
- Civil works including the:
 - Bulk earthworks
 - Construction of five public roads
 - Installation of stormwater network including pit and pipe infrastructure
 - Construction of on-site stormwater detention and water quality infrastructure
- Installation of essential services (e.g. potable water, waste water, electricity, gas and NBN);
- Landscaping of each proposed lot and verges, including street tree planting and public domain treatment.
- Narrabeen Creek rehabilitation works (solely contained within Residue Lot 23).



3. Summary of Ongoing Waste Management

The collection of waste generated on all residential properties will be collected by Council on the weekly/fortnightly collection date and bin collection schedule. The bins will be stored on the within the front setback of each property as indicated on the accompanying architectural plans.

- The owner/occupant will be responsible for maintaining the waste storage area on their property.
- The owner/occupant will be responsible for placing the bins kerbside for weekly/fortnightly collection by council.
- The owner/occupant will be responsible for the sorting & disposal of the waste to the appropriately marked bins.

Residential Bin Allocation		
General waste	80L Bins	X53 (1 per dwelling)
Paper recycling	140L Bins	X53 (1 per dwelling)
Container recycling	140L Bins	X53 (1 per dwelling)
Vegetation	240L Bins	X53 (1 per dwelling)
Skip Bins Allocation	N/A	N/A



4. Details of Waste Management – Demolition

MATERIALS ON-SITE		DESTINATION		
Type of Materials	Estimated	Reuse and Recycling		Disposal
	Vol (m ³) Wt (t)	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	Specify contractor and landfill site
Brick/pavers	350t	No reuse on-site	Sustainable Resource Centre, Cnr Hassal Street & Widemere Road, Wetherill Park NSW	Sustainable Resource Centre, Cnr Hassal Street & Widemere Road, Wetherill Park NSW
Concrete	4,650t	No reuse on-site	Concrete Recyclers Pty Ltd, 14 Thackery Street, Camellia NSW 2142	Concrete Recyclers Pty Ltd, 14 Thackery Street, Camellia NSW 2142
Plaster	60m ³	No reuse on-site	SITA Environmental Solutions, 135 Elizabeth Dr, Kemps Creek NSW 2171	SITA Environmental Solutions, 135 Elizabeth Dr, Kemps Creek NSW
Metal	300t	No reuse on-site	Active Recycling, 3 Shaw Road, Ingleburn NSW	Active Recycling, 3 Shaw Road, Ingleburn NSW
Glass	4t	No reuse on-site	Kimbriki Resource Recovery Centre, Kimbriki Rd, Ingleside NSW	Kimbriki Resource Recovery Centre, Kimbriki Rd, Ingleside NSW
Plastics	6t	No reuse on-site	Suez Seven Hills Resource Recovery Centre, 29 Powers Rd, Seven Hills	Appointed contractor will assign facility.
Timber	25t	Mulch all cleared trees and vegetation on site	Active Recycling, 3 Shaw Road, Ingleburn NSW	Active Recycling, 3 Shaw Road, Ingleburn NSW
Asbestos/Hazardous Waste	<1t	If encountered, to be taken off site by a suitably qualified person.	Suez Recycling & Recovery Pty Ltd, 1725 Elizabeth Drive, Kemps Creek NSW	Suez Recycling & Recovery Pty Ltd, 1725 Elizabeth Drive, Kemps Creek NSW



MATERIALS ON-SITE		DESTINATION	
General Waste	30t	No reuse on-site	Enviroguard Waste Management, Mamre & Erskine Park Rd, Marsden Park
			Enviroguard Waste Management, Mamre & Erskine Park Rd, Marsden Park

NB: The details provided in this report are for the intentions of managing waste related to this project. Figures are estimates only and will be subject to variabilities in the construction process.

5. Details of Waste Management – Construction

MATERIALS ON-SITE			DESTINATION		
Type of Materials	Estimated		Reuse and Recycling		Disposal
	Vol (m ³)	Wt (t)	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	Specify contractor and landfill site
Concrete	10m ³		N/A	Sita Australia Pty Ltd, 1725 Elizabeth Drive, Kemps Creek	Sita Australia Pty Ltd, 1725 Elizabeth Drive, Kemps Creek
				Concrete Recyclers, 14 Thackeray St, Camellia,	Kurnell Landfill Company – Captain Cook Drive, Kurnell
				Benedict Pty Ltd, 33-39 Riverside Road, Chipping Norton.	Benedict Pty Ltd, 33-39 Riverside Road, Chipping Norton.
Road Base	8m ³		No reuse on-site	Enviroguard Waste Management, Mamre & Erskine Park Rd, Marsden Park	Enviroguard Waste Management, Mamre & Erskine Park Rd, Marsden Park
				Blacktown Waste Services Pty Ltd, 920 Richmond Rd, Marsden Park	Blacktown Waste Services Pty Ltd, 920 Richmond Rd, Marsden Park
				Benedict Pty Ltd, 33-39 Riverside Road, Chipping Norton.	Benedict Pty Ltd, 33-39 Riverside Road, Chipping Norton.
Plastics	6m ³		No reuse on-site	Suez Seven Hills Resource Recovery Centre, 29 Powers Rd, Seven Hills	Appointed contractor will assign facility.



MATERIALS ON-SITE			DESTINATION		
Type of Materials	Vol (m ³)	Wt (t)	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	Specify contractor and landfill site
Ferrous Metals (eg. Iron / steel)	<1m ³		No reuse on-site	North Shore Metal Recyclers Pty Ltd, 51 Dickson Avenue, Artarmon	North Shore Metal Recyclers Pty Ltd, 51 Dickson Avenue, Artarmon
Non-Ferrous metal (eg. Copper wiring)	<1m ³		No reuse on-site	Sydney Copper Recycling Pty Ltd, 35-37 George St, Granville	Sydney Copper Recycling Pty Ltd, 35-37 George St, Granville
Mixed Recyclables	<1m ³		No reuse on-site	Benedict Pty Ltd, 33-39 Riverside Road, Chipping Norton.	Appointed contractor will assign facility.
General Waste	15m ³		No reuse on-site	Enviroguard Waste Management, Mamre & Erskine Park Rd, Marsden Park	Enviroguard Waste Management, Mamre & Erskine Park Rd, Marsden Park

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