

WASTE MANAGEMENT PLAN

RURAL SHED DEVELOPMENT

259 WEST WILCHARD RD, CASTLEREAGH

OCTOBER 2018

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SECTION 1: **THE PROPOSAL**

1.1 INTRODUCTION

Cityscape Planning + Projects has been engaged to prepare a Waste Management Plan (WMP) to accompany a Development Application (DA) to be submitted on the subject site.

The WMP describes the proposed development and subject site and undertakes an assessment of the proposal against the relevant provisions of the Penrith Development Control Plan 2014.

The report is to be read in conjunction with the plans and other information that accompanies the Development Application.

1.2 THE SUBJECT SITE

The subject site is a large (area of 5.791ha) irregular shaped parcel of land located on the southern eastern side of West Wilchard Rd and Castlereagh Rd, Castlereagh. A plan showing the locality of the site is provided at Figure 1.

The site has historically formed part of the Penrith Lakes Scheme and represents the northern western corner of the Lakes Scheme Lands.

The site is known as 259 West Wilchard Rd, Castlereagh, but has the following real property description:

Lots: 1 **DP:** 1181666

1.3 DEVELOPMENT PROPOSAL

The development application seeks council consent to the construction of shed adjacent to the recently approved (DA18/0218) dwelling house.

The proposed shed will have dimensions of 18m length x 12m wide and a height of 4.2m and also includes a 6m wide awning at its northern elevation. The shed will be constructed with a metal frame and finished with metal cladding to its walls and roof.

The proposed development will also require an extension of the existing building platform through additional earthworks to create a level building platform for the shed. These earthworks involve a maximum cut of 1.0m, fill of 1.64m and require net fill material of 1547m².

Detailed plans of the development proposal accompany the Development Application.

SECTION 2: DEMOLITION

Materials		Destination		
		Re-Use + recycling		Disposal
Material	Estimated Volume (m2 or m3)	On Site Proposed reuse or on-site recycling	Off-Site Contractor and Recycling outlet	Contractor and Landfill Site
Excavation Material	Nil	Nil		
Green Waste	2m ³		Vegetation chipped and recycled as mulch by contractor	
Bricks	Nil			
Concrete	Nil			
Timber	Nil			Any waste will be stockpiled for collection by off site recyclers
Plasterboard	Nil			Any waste will be stockpiled

				for collection by off site recyclers
Metals	Nil			Any waste will be stockpiled for collection by off site recyclers
Plastic	Nil			
Fibrous cement	Nil			
Asbestos	Nil			
Miscellaneous	Nil			

SECTION 3: CONSTRUCTION

- Limited wastes are generated as part of the construction of the shed
- Imported filling will only occur with VENIM sourced material
- All elements of construction, inclusive of waste management, will be overseen by a Project Manager who will be required to ensure the following waste reduction initiatives are achieved by both the lead construction firm, sub-contractors and site supervisors:
 - Estimate volumes of materials to be used and incorporate these volumes into a purchasing policy so that the correct quantities are purchased.
 - Incorporate the use of prefabricated components and recycled materials.
 - Arrange for the delivery of materials so that materials are delivered 'as needed' to prevent the degradation of materials through weathering and moisture damage.
 - Organising to return excess materials to the supplier or manufacturer.
 - Implement measures to prevent the occurrence of windblown litter and stormwater pollution.
 - Arrange contractors for the transport, processing and disposal of waste and recycling.
- Retain evidence such as weighbridge dockets and invoices for waste disposal or recycling services.
- The availability and potential for use of recycled concrete will be examined as part of detailed construction and cost planning processes.
- All waste will be separated and stored in bins or specified stockpiles that will be located on the site during construction.

Materials		Destination		
		Re-Use + recycling		Disposal
Material	Estimated Volume (m2 or m3)	On Site Proposed reuse or on- site recycling	Off-Site Contractor and Recycling outlet	Contractor and Landfill Site
Excavation Material	Nil			
Green Waste	Nil			
Bricks	Nil			
Concrete	0.25m ³			Any waste will be stockpiled for collection by off site recyclers
Timber – Pine	Nil			
Plasterboard	Nil			
Metals	0.5m ³			Any waste will be stockpiled for collection by off site recyclers
Plastic	Nil			
Other	Nil			

SECTION 4: ONGOING USE OF SITE

- Nil proposed
- No high waste generators are proposed or are likely to occupy the subject development.

SECTION 5: ONGOING MANAGEMENT OF SITE

- No additional waste management of the site is required.