



mainroads
WESTERN AUSTRALIA

Revegetation Publication Report

MWG0001

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Western Australia.*

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Document Control

Owner	Regional Manager – Mid West Gascoyne
Custodian	Environmental Officer – Mid West Gascoyne
Document Number	D20#1019179
Issue Date	November 2020

Amendments

Revision Number	Revision Date	Description of Key Changes	Section / Page No.
0	December 2020	Document Release	
1			

1 PURPOSE

This Revegetation Publication Report provides additional information on MWG0001.

2 SCOPE

2.07ha of revegetation was undertaken in 2011 on Indian Ocean Drive between 235.75-240.37 SLK. These revegetation works follow roadworks between 235.75-237.20 (2010/2011) and 237.20-240.20 (2011/2012).

Main Roads Region	Mid West Gascoyne
Road Name	Indian Ocean Drive
Road Number	M045
Local Government	Shire of Carnamah
Start SLK	235.75
End SLK	240.37
Central GPS Coordinates	- Latitude (N): -29.725404133174 - Longitude (E): 114.966516023506
Reference Number	MWG0001
Area of Revegetation (<i>Specify Units - Hectares, M² etc</i>)	2.07 ha
Year/s Revegetation Occurred	2011
Type of Revegetation	Revegetation
Brief description	Site was planted in winter of 2011, using tube stock from Yetna Nursery, by Greening Australia. The areas planted were the areas cleared on the road upgrade works between SLK 235.75 to 237.32. Seed collection conducted in Summer of 2010/2011 and Summer 2011/2012 focusing on Priority Species within the area.
Species used	Refer to Appendix 1

3 SITE MAP



Figure 1: Revegetation Location 235.75-237.32 SLK

4 SITE PHOTOS



Figure 1: Pre Revegetation 2011



Figure 2: Post Revegetation Monitoring 2012



Figure 3: Post Revegetation Monitoring 2013



Figure 4: Post Revegetation Monitoring 2014



Figure 5: Post Revegetation Monitoring 2015



Figure 6: Post Revegetation Monitoring 2016



Figure 7: Post Revegetation Monitoring 2017



Figure 8: Post Revegetation Monitoring 2019



Figure 9: Post Revegetation Monitoring 2020

5 APPENDICES

Appendix	Title
Appendix 1	Species List

Appendix 1: Species list

Table 2 – Species List for Revegetation (tubestock)

Indian Ocean Drive	Zone 1		Zone 2		Zone 3	
	Seed	Seedlings	Seed	Seedlings	Seed	Seedlings
<i>Olearia axillaris</i>		2000		500		
<i>Atriplex cinerea</i>		2000		500		
<i>Rhagodia preisii</i> subsp <i>Obovata</i>		2000		500		
<i>Ficinia nodosa</i>		2000		500		
<i>Scaevola crassifolia</i>		2000		500		
<i>Acacia cyclops</i>		250		1750		700
<i>Acacia lasiocarpa</i> var <i>lasiocarpa</i>		250		750		100
<i>Acacia saligna</i>		1200		1200		300
<i>Acacia xanthina</i>		1200		1200		300
<i>Eremophila glabra</i>		2000	600			
<i>Eucalyptus obitisflora</i>						400
<i>Melaleuca systema</i>		1000		1000		600
<i>Melaleuca huegelii</i>				600		2000
<i>Calothamnus quadrifus</i>				1250		1250
<i>Sanatalum acuminatum</i>				20		20

Zone 1 – Closest to Road (species < 600 mm height)

Species to be planted as tube stock at a rate of 1 plant per 2 m²

Species to be sown from seed at a rate of 4 kg per hectare

Zone 2 – Transition Zone (species < 4 m height)

Species to be planted as tube stock at a rate of 1 plant per 3 m²

Species to be sown from seed at a rate of 4 kg per hectare

Zone 3 – Against Road Reserve Boundary (no species height restrictions)

Species to be planted as tube stock at a rate of 1 plant per 4 m²

Species will be sown from seed at a rate of 4 kg per hectare

Table 3 – Species List for Revegetation (seed)

Indian Ocean Drive				
Genus	species	Collection #	SLK	Qty/g
Acacia	cyclops	GA 270	235-240	447
Acacia	cyclops	GA 270	235-240	85
Allocasuarina	lehmanii	GA 272	235-240	44
Allocasuarina	lehmanii	GA 278	235-240	200
Allocasuarina	lehmanii	GA 277	235-240	43
Alyogyne	huegelii	GA 273	235-240	159
Anthobolus	foveolatus	GA 260	240-242	50
Calothamnus	quadridius	GA 267	235-240	75
Clematis	linarifolia	GA 275	235-240	293
Eucalyptus	rigidula	GA 268	235-240	33
Eucalyptus	rigidula	GA 276	235-240	199
Ficinia	nodosa	GA 274	235-240	6
Hardenbergia	comptoniana	GA 269	235-240	389
Hardenbergia	comptoniana	GA 271	235-240	434
Melaleuca	cardiophylla	GA 254	244-245	14
Melaleuca	cardiophylla	GA 258	240-242	35
Melaleuca	cardiophylla	GA 263	235-240	181
Melaleuca	heugellii	GA 264	235-240	330
Melaleuca	heugellii	GA 257	240-242	150
Melaleuca	lanceolata	GA 255	244-245	77
Melaleuca	lanceolata	GA 262	235-240	1158
Melaleuca	systema	GA 266	235-240	19
Santalum	acuminatum	GA 277	235-240	3573
Scavola	crassifolia	GA 259	240-242	214
Spyridium	globulosum	GA 252	244-245	95
Spyridium	globulosum	GA 265	235-240	58
Threkeldia	diffusa	GA 253	244-245	2
Thryptomene	baeckeacea	GA 256	244-245	221
Total weight				8584