



mainroads
WESTERN AUSTRALIA

Revegetation Publication Report

SWR0093

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Western Australia.*

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Amendments

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

1 PURPOSE

This Revegetation Publication Report provides additional information on SWR0093.

2 SCOPE

The Pinjarra/Williams Road realignment project was completed in 2012. As part of the project approvals, Main Roads Western Australia was required to reduce the impact of clearing of native vegetation as well as an Environmental Offset of 5.6 Ha.

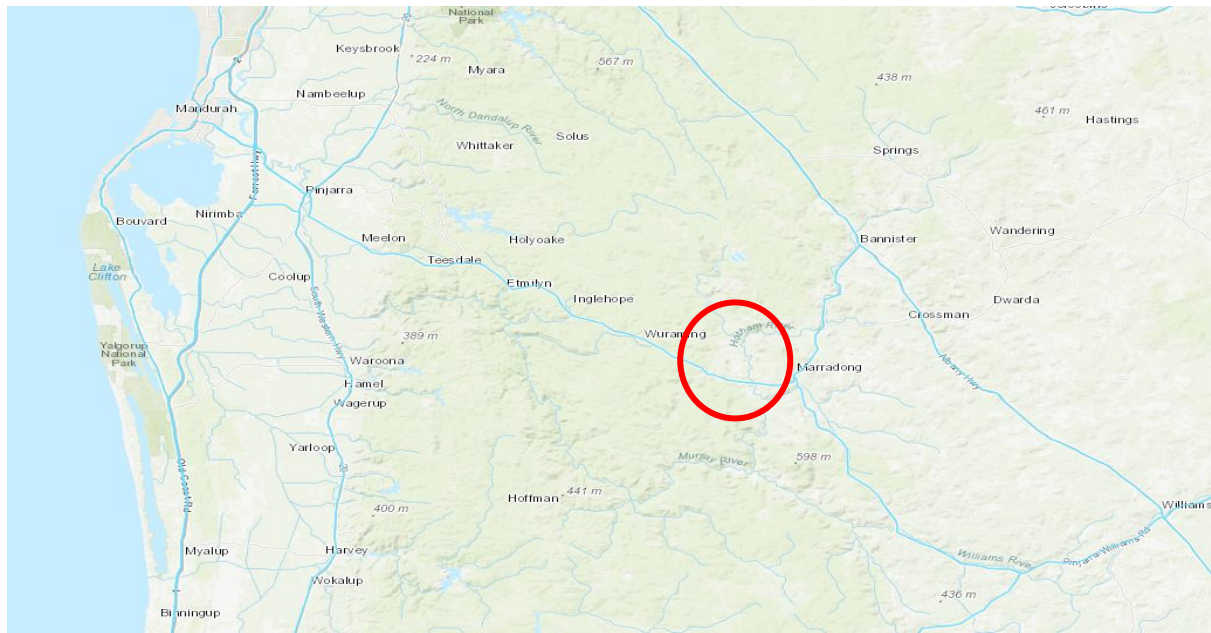
The primary targets for the offset included:

- Re-establish vegetation suitable for Black Cockatoo foraging habitat, and
- Density of 60% with 1000 stems/Ha, with a minimum of 5100 upper storey species.

Revegetation activity was undertaken in subsequent years to achieve this desired outcomes. Work at the site is still active with weed management and monitoring until such time as the completion criteria has been achieved.

Main Roads Region	South West Region
Road Name	Pinjarra Williams
Road Number	M053
Local Government	Shire of Boddington
SLK Start	64.66
SLK Finish	65.77
Central GPS Coordinates	• Latitude (N): -32.867419 • Longitude (E): 116.435694
Reference Number	SWR0093
Type of Method Undertaken	Revegetation
Area of Method Undertaken	6.2ha
Year Method Undertaken	2012 - 2017
Brief description	An Environmental Offset was established adjacent to Red Hill Road on a closed section of road in June 2012.
Species used	Refer to Appendix 1

3 SITE MAP



Locality: Pinjarra/Williams Road / Red Hill Road – 64.46 -65.77 SLK

4 SITE PHOTOS



Figure 1. Roadside Batters Prior to Rehabilitation in 2012.



Figure 2. Batters prepared prior to direct seeding/planting in July 2012.



Figure 3. Post planting 2013 with targeted upper storey species planted as seedlings and the area direct seeded to achieve the required density and diversity.



Figure 4. Project site in 2017.



Figure 5. Closed road planted in 2012.



Figure 6. Closed road in 2017.



Figure 7. Remnant vegetation with infill planting of the old road reserve in June 2016.



Figure 8. Site photo 2020.

5 ADDITIONAL SITE INFORMATION

Pinjarra-Williams Project Summary.

Year	Activity	Completed Actions
2012	Direct seeding Seedlings	21,000 Seed 1279 seedlings
2013	Infill Planting - Seedlings	2583 Seedlings
2014	Infill Planting - Weed Control	Monitoring
2015	Infill Planting - Weed Control	Monitoring
2016	Weed Control	Monitoring
2017	Weed Control	Monitoring
2018	Weed Control	Monitoring
2019	Weed Control	Monitoring
2020	Completion Report	Pending

6 APPENDICES

Appendix	Title
Appendix 1	Species list
Appendix 2	Supplementary photos (taken 2020)

Appendix 1: Pinjarra Williams Offset Site – Species List

SPECIES LIST - PINJARRA WILLIAMS ROAD 2012		
Family	Species	Common Name
MIMOSACEAE	<i>Acacia Celastrifolia</i>	glow ing w attle
MIMOSACEAE	<i>Acacia drummondii</i> subsp. <i>candolleana</i>	
MIMOSACEAE	<i>acacia extensa</i>	
MIMOSACEAE	<i>acacia nervosa</i>	
MIMOSACEAE	<i>Acacia pulchella</i>	Prickly Moses
CASUARINACEAE	<i>allocasuarina humilis</i>	
CASUARINACEAE	<i>Allocasuarina fraseriana</i>	
HAEMODORACEAE	<i>Anigozanthos manglesii</i>	Mangles Kangaroo Paw
PROTEACEAE	<i>Banksia grandis</i>	Bull banksia
PROTEACEAE	<i>Banksia sessilis</i>	
RUTACEAE	<i>Boronia ovata</i>	
PAPILIONACEAE	<i>Bossiaea eriocarpa</i>	Common Brow n Pea
PAPILIONACEAE	<i>Bossiaea ornata</i>	Broad Leaved Brow n Pea
MYRTACEAE	<i>Calothamnus planifolius</i>	
MYRTACEAE	<i>Calothamnus quadrifidus</i>	one sided bottle brush
RANUNCULACEAE	<i>Clematis aristata (pubescens)</i>	Western Clematis , Common Clematis
POLYGALACEAE	<i>Comesperma virgatum</i>	
MYRTACEAE	<i>Corymbia calophylla</i>	Marri
PAPILIONACEAE	<i>Daviesia cordata</i>	bookleaf
PAPILIONACEAE	<i>Daviesia decurrens</i>	prickly bitter pea
PAPILIONACEAE	<i>Daviesia longifolia</i>	
PAPILIONACEAE	<i>Daviesia preissii</i>	
PROTEACEAE	<i>Dryandra fraseri</i> var. <i>fraseri</i>	
PROTEACEAE	<i>Dryandra sessilis</i>	Parrot Bush
PROTEACEAE	<i>Dryandra squarrosa</i> subsp. <i>squarrosa</i>	
MYRTACEAE	<i>Eucalyptus marginata</i>	Jarrah
Myrtaceae	<i>Eucalyptus wandoo</i>	Wandoo
PAPILIONACEAE	<i>Gompholobium marginatum</i>	
HAEMODORACEAE	<i>Haemodorum laxum</i>	
PROTEACEAE	<i>Hakea lissocarpa</i>	Honey Bush
PROTEACEAE	<i>Hakea prostrata</i>	Harsh Hakea
LAMIACEAE	<i>Hemiandra pungens</i>	Snakebush
MYRTACEAE	<i>Hypocalymma angustifolium</i>	White myrtle
PAPILIONACEAE	<i>Jacksonia furcellata</i>	Grey Stinkw ood
PAPILIONACEAE	<i>Jacksonia sternbergiana</i>	Stinkw ood
PAPILIONACEAE	<i>Kennedia coccinea</i>	Coral Vine
MYRTACEAE	<i>Kunzea recurva</i>	
EPACRIDACEAE	<i>Leucopogon nutans</i>	drooping leucopogon
ZAMIACEAE	<i>Macrozamia riedlei</i>	Zamia Palm
MYRTACEAE	<i>Melaleuca incana</i>	Grey Honeymyrtle
MYRTACEAE	<i>Melaleuca radula</i>	graceful honeymyrtle
MYRTACEAE	<i>Melaleuca thymoides</i>	graceful honeymyrtle
IRIDACEAE	<i>Patersonia occidentalis</i>	Purple Flag
MYRTACEAE	<i>Pericalymma ellipticum</i>	Sw amp Teatree
PROTEACEAE	<i>Petrophile heterophylla</i>	
EUPHORBIACEAE	<i>Phyllanthus calycinus</i>	False Boronia
EUPHORBIACEAE	<i>Phyllanthus calycinus</i>	
XANTHORRHOACEAE	<i>Xanthorrhoea gracilis</i>	Graceful Grass Tree
XANTHORRHOACEAE	<i>Xanthorrhoea preissii</i>	Grass Tree

Appendix 2: Pinjarra Williams Offset Site – 2020 Photos





