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# EPBC Act Compliance Report

Pinjarra-Williams Rd & Williams-Narrogin Hwy Maintenance Zone  
Establishment Project, WA (EPBC 2016/7698) D22#402026

Reporting period: 2 February 2021 to 2 February 2022

Report Compilation & Review	Name and Position	Document Revision	Date
Author:	Environment Officer	Draft v1	20/04/2022
Reviewer:	Senior Environment Officer	Rev 0	29/02/2022

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# 1 Introduction

## 1.1 Background

Main Roads Western Australia (Main Roads) is establishing a wider maintenance zone along Pinjarra-Williams Rd (M053) between 91.9 and 125.5 Straight Line Kilometre (SLK) and Williams-Narrogin Hwy (H053) between 0 and 31.4 SLK, in the Shire of Williams and Shire of Narrogin respectively (the Project). The wider maintenance zone will improve the safety of these two roads by removing hazardous trees and vegetation located close to the road. This will provide errant vehicles a greater ability to recover from a runoff thereby reducing the likelihood of a serious injury or fatality.

## 1.2 Approval under the *Environment Protection and Biodiversity Conservation Act 1999*

The Project was referred to the former Department of the Environment (now Department of Agriculture, Water and the Environment [the Department]) in March 2016 for assessment under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). The Project was determined to be a Controlled Action on 29 June 2016 due to its potential impacts on listed threatened species and communities. The Department granted approval for the Project on 3 December 2020 (EPBC 2016/7698), which included a number of conditions that Main Roads is required to fulfil.

## 1.3 Purpose of this Report

This compliance report has been produced to satisfy Condition 9 of approval EPBC 2016/7698 and is the first compliance report prepared for this project. Table 1 of this report assesses the Project's compliance against each approval condition over the 12-month reporting period: 2 February 2021 to 2 February 2022.

## 2 Compliance

**Table 1: Compliance with Conditions of EPBC Approval 2016/7698**

Condition Number	Condition	Status	Evidence/Comments
1	<p>To minimise impacts to EPBC Act listed Carnaby's Black Cockatoo (<i>Calyptorhynchus latirostris</i>), Forest Red-tailed Black Cockatoo (<i>Calyptorhynchus banksii naso</i>), and the Red-tailed Phascogale (<i>Phascogale calura</i>) the approval holder must:</p> <ul style="list-style-type: none"> <li>a. Not clear more than a total of 7.36 hectare (ha) of land containing Black Cockatoo habitat or Red-tailed Phascogale habitat.</li> <li>b. Only clear within the project area outlined at Attachment A.</li> <li>c. Not clear more than 670 potential nesting trees or nesting trees, which includes a maximum of 45 trees with small to medium hollows as marked within the project area at Attachment A.</li> <li>d. Comply with Condition 8 of Western Australia Department of Water and Environmental Regulation (DWER) clearing permit CPS 7227/2 to minimise the impacts of dieback and weeds.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>a. A total of 1.81 ha of land containing Black Cockatoo habitat and Red-tailed Phascogale habitat was cleared in the reporting period.</li> <li>b. All clearing undertaken in the reporting period was located in the project area. Prior to undertaking clearing, vegetation was manually measured from the road to confirm the clearing was located within 4 metres of the road, as per the approval. The clearing area is shown in Appendix 1.</li> <li>c. A total of 166 potential nesting trees were cleared in the reporting period. This included a total of 15 trees with small to medium hollows.</li> <li>d. The clearing was undertaken in dry soil conditions to reduce the risk of spreading weeds or dieback. All machinery were inspected prior to clearing and verified free of soil and vegetation (Attachment 1). No soil, mulch or fill was brought into the clearing area. Machines and vehicles accessed the clearing area via the existing road. There were no vehicle movements outside of the clearing area.</li> </ul>
2	<p>To mitigate the impacts to the Red-tailed Phascogale, the approval holder must do the following:</p>	Compliant	<ul style="list-style-type: none"> <li>a. A pre-clearing Red-tailed phascogale survey of M053 was undertaken between 28-31 January 2021. Due to a delay to the commencement of the project, another</li> </ul>

Condition Number	Condition	Status	Evidence/Comments
	<ul style="list-style-type: none"> <li>a. Have a suitably qualified field ecologist commence inspecting each of the 45 trees in the project area (Attachment A) that have small to medium size hollows and the areas that have known foraging habitat areas that support Red-tailed Phascogale populations (Attachment A) not more than 48 hours prior to the tree(s) and/or foraging habitat being cleared to ensure Red-tailed Phascogale are not utilising any of the small to medium size hollow(s) in any tree and foraging habitat when it is cleared.</li> <li>b. If a hollow(s) is being utilised by Red-tailed Phascogale, the approval holder must have a suitably qualified field ecologist monitor the hollow(s) to determine when the adult Red-tailed Phascogale has safely left the hollow(s) on its own accord before the tree is cleared.</li> <li>c. Not clear any tree still being utilised by Red-tailed Phascogale juveniles. A suitably qualified field ecologist will monitor the hollow(s) and be given sufficient authority to ensure that no clearing of any tree will commence until the Red-tailed Phascogale juveniles have safely left the hollow(s).</li> <li>d. Have a site supervisor present during clearing to observe for any Red-tailed Phascogale and if any Red-tailed Phascogale is observed then clearing must stop until the Red-tailed Phascogale(s) have safely moved out of the clearing area on its own accord.</li> </ul>		<p>inspection occurred between 27 February – 2 March 2021 (Attachment 2). The survey was conducted by a fauna specialist from Bamford Consulting Ecologists. The survey did not record any individuals occupying the clearing area. Trees inspected for phascogale were cleared first within 48 hours of inspection.</p> <p>A pre-clearing Red-tailed phascogale survey of H053 was undertaken between 6-10 January 2022 (Attachment 2). The survey recorded Red-tailed phascogale occupying three trees. Camera traps were not set for eight trees due to expected interference, however the fauna specialist did not consider five of these trees would be utilised by phascogales. The remaining three trees were reinspected using an Elevated Work Platform (EWP) by the fauna specialist on 21 January 2022 just prior to clearing. No phascogales were observed using these trees.</p> <ul style="list-style-type: none"> <li>b. The fauna specialist reinspected the three trees occupied by phascogale using an EWP just prior to clearing (21 January 2021). The fauna specialist confirmed no phascogales were occupying these trees.</li> <li>c. No Red-tailed phascogale juveniles were observed in the clearing area.</li> </ul>

Condition Number	Condition	Status	Evidence/Comments
	<ul style="list-style-type: none"> <li>e. If any Red-tailed Phascogale(s) is injured, the approval holder must ensure the injured individual(s) is taken to a wildlife veterinary clinic within 8 hours.</li> <li>f. Salvage the logs and tree limbs with hollows from at least half of the 45 trees with small to medium hollows cleared and distribute these into the adjacent road reserves to provide potential habitat for Red-tailed Phascogale. When distributing these logs and tree limbs with hollows into the adjacent habitat, the disturbance and introduction to weeds and dieback must be minimised. Logs and tree limbs must be positioned in a manner that could be potentially useable by Red-tailed Phascogale, which includes correct orientation, a suitable height of the hollows for accessibility, and where they are not able to roll out of position.</li> </ul>		<ul style="list-style-type: none"> <li>d. The works were supervised by the Main Roads Vegetation Manager and designated site supervisor. Each tree was inspected by clearing personnel on an EWP prior to removal. The trees were also tapped to encourage fauna movement. No Red-tailed phascogale were observed in the clearing area at the time of clearing.</li> <li>e. No Red-tailed phascogale were reported injured from project activities.</li> <li>f. As clearing and salvaging activities are still ongoing, Main Roads will report on the total number of limbs salvaged and placement of logs and tree limbs in the next reporting period.</li> </ul>
3	<p>To mitigate the impacts to Carnaby's Black Cockatoo and Forest Red-tailed Black Cockatoo the approval holder must do the following:</p> <ul style="list-style-type: none"> <li>a. Have a site supervisor present during the clearing to observe for any Carnaby's Black Cockatoo and Forest Red-tailed Black Cockatoo that may be roosting in the trees and/or utilising the foraging habitat in the area to be cleared.</li> <li>b. If any Carnaby's Black Cockatoo and Forest Red-tailed Black Cockatoo are found to be roosting or foraging in the area to be cleared, the site supervisor must be given sufficient authority to stop the clearing until the</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>a. The clearing was supervised by the Main Roads Vegetation Manager and designated site supervisor. Each tree was inspected by clearing personnel on an EWP prior to removal. The trees were also tapped to encourage movement by fauna.</li> <li>b. No Carnaby's Black Cockatoo or Forest Red-tailed Black Cockatoo were observed roosting or foraging in the clearing area.</li> </ul>

Condition Number	Condition	Status	Evidence/Comments
	<p>Black Cockatoo(s) have safely moved out of the area to be cleared on its own accord.</p> <p>c. If any Carnaby's Black Cockatoo and Forest Red-tailed Black Cockatoo is injured, the approval holder must ensure injured individual(s) is taken to a wildlife veterinary clinic within 8 hours.</p>		<p>c. No Carnaby's Black Cockatoo or Forest Red-tailed Black Cockatoo were reported injured from project activities.</p>
4	<p>To offset the loss of Carnaby's Black Cockatoo and Forest Red-tailed Black Cockatoo foraging and roosting habitat, and Red-tailed Phascogale habitat, which includes 670 potential nesting trees with 45 trees that have small to medium hollows, the approval holder must do the following:</p> <p>a. Prior to the commencement of the action, the approval holder must make a financial contribution to the Western Australia (WA) Department of Water and Environmental Regulation (DWER) Offsets Fund to fully fund the purchase of an offset site containing a minimum of 43.25 ha of Carnaby's Black Cockatoo, Forest Red-tailed Black Cockatoo, and Red-tailed Phascogale foraging habitat and potential nesting trees.</p> <p>b. Within 10 business days of making the financial contribution to the Western Australia (WA) Department of Water and Environmental Regulation (DWER) Offsets Fund, provide evidence to the Department which demonstrates how the contribution complies with the requirements detailed at condition 4 (a).</p>	Partially Compliant	<p>a. Main Roads made a financial contribution of \$126,630.00 to the DWER Offsets Fund on 5 February 2021, to fund the purchase of 50.25 ha of Carnaby's Black Cockatoo, Forest Red-tailed Black Cockatoo, and Red-tailed Phascogale foraging habitat and potential nesting trees (Attachment 3).</p> <p>The payment of this offset occurred after the commencement of the action (2 February 2021). Main Roads reported this non-compliance to DAWE on 5 February 2021.</p> <p>b. The Department was advised on 15 February 2021 that the offset payment was paid (Attachment 3).</p> <p>c. Main Roads has acquired a suitable offset site that fulfills the objectives of Condition 4, however agreement from DWER on the suitability of the site as an offset has not yet been received (it is expected in the near future). Main Roads is now in the process of seeking DWER's agreement that the site can be used as an offset for CPS 7227/2 and to also obtain a refund</p>

Condition Number	Condition	Status	Evidence/Comments
	<p>c. Within 12 months of the commencement of the action (or otherwise agreed by the Department in writing), the approval holder must provide the Department with the offset attributes and a shapefile.</p>		<p>of the funds it has previously contributed to the WA Offsets Fund. Until agreement with DWER is received, Main Roads is unable to fulfill the requirements of Condition 4c. Main Roads notified the Department on 8 March 2022 of the situation and sought an extension to submit the offset attributes and shapefile to 30 June 2022. Once DWER agrees that the offset site can be used as an offset, Main Roads will advise the Department that an offset site has been obtained for the project. Main Roads is currently awaiting the Department’s response on the proposed extension.</p>
5	<p>The approval holder must notify the Department in writing of the date of commencement of the action within 10 business days after the date of commencement of the action.</p>	Compliant	<p>The action commenced on 2 February 2021 and the Department was notified on 15 February 2021 (Attachment 3).</p>
6	<p>If the commencement of the action does not occur before 12 August 2023, then the approval holder must submit to the Department, before the end date of the period for which the approval has effect, a request, in accordance with the requirements of section 145C of the EPBC Act, to extend the period of effect of the approval.</p>	Not applicable	<p>The project was approved on 3 December 2020 and the action commenced on 2 February 2021.</p>
7	<p>The approval holder must maintain accurate and complete compliance records.</p>	Compliant	<p>Main Roads has maintained records in accordance with this condition and its legal obligations, under the <i>State Records Act 2000</i> (Western Australia).</p>

Condition Number	Condition	Status	Evidence/Comments
8	If the Department makes a request in writing, the approval holder must provide electronic copies of compliance records to the Department within the timeframe specified in the request.	Not applicable	To date, no direction has been received from the Department to provide electronic copies of any compliance records.
9	<p>The approval holder must prepare a compliance report for each 12 month period following the date of commencement of the action, or otherwise in accordance with an annual date that has been agreed to in writing by the Minister. The approval holder must:</p> <ul style="list-style-type: none"> <li>a. publish each compliance report on the website within 60 business days following the relevant 12 month period;</li> <li>b. notify the Department by email that a compliance report has been published on the website and provide the weblink for the compliance report within five business days of the date of publication;</li> <li>c. keep all compliance reports publicly available on the website until this approval expires;</li> <li>d. exclude or redact sensitive ecological data from compliance reports published on the website; and</li> <li>e. where any sensitive ecological data has been excluded from the version published, submit the full compliance report to the Department within 5 business days of publication.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>a. The action commenced on 2 February 2021. This compliance report covers compliance for the period 2 February 2021 to 2 February 2022. This compliance report will be published on the Main Roads website prior to 3 May 2022.</li> <li>b. The Department will be notified by email within five business days of the date of publication of this report.</li> <li>c. This report will remain publicly available on the Main Roads website until the expiration date of the project approval.</li> <li>d. No sensitive ecological data has been included in this report.</li> <li>e. No sensitive ecological data has been included in this report.</li> </ul>
10	The approval holder must notify the Department in writing of any: incident; non-compliance with the conditions; or non-compliance with the commitments made in plans. The notification must be given as soon as practicable, and no	Compliant	One non-compliance with conditions occurred during the reporting period. This was in relation to Condition 4a and the payment of the offset prior to clearing commencing.

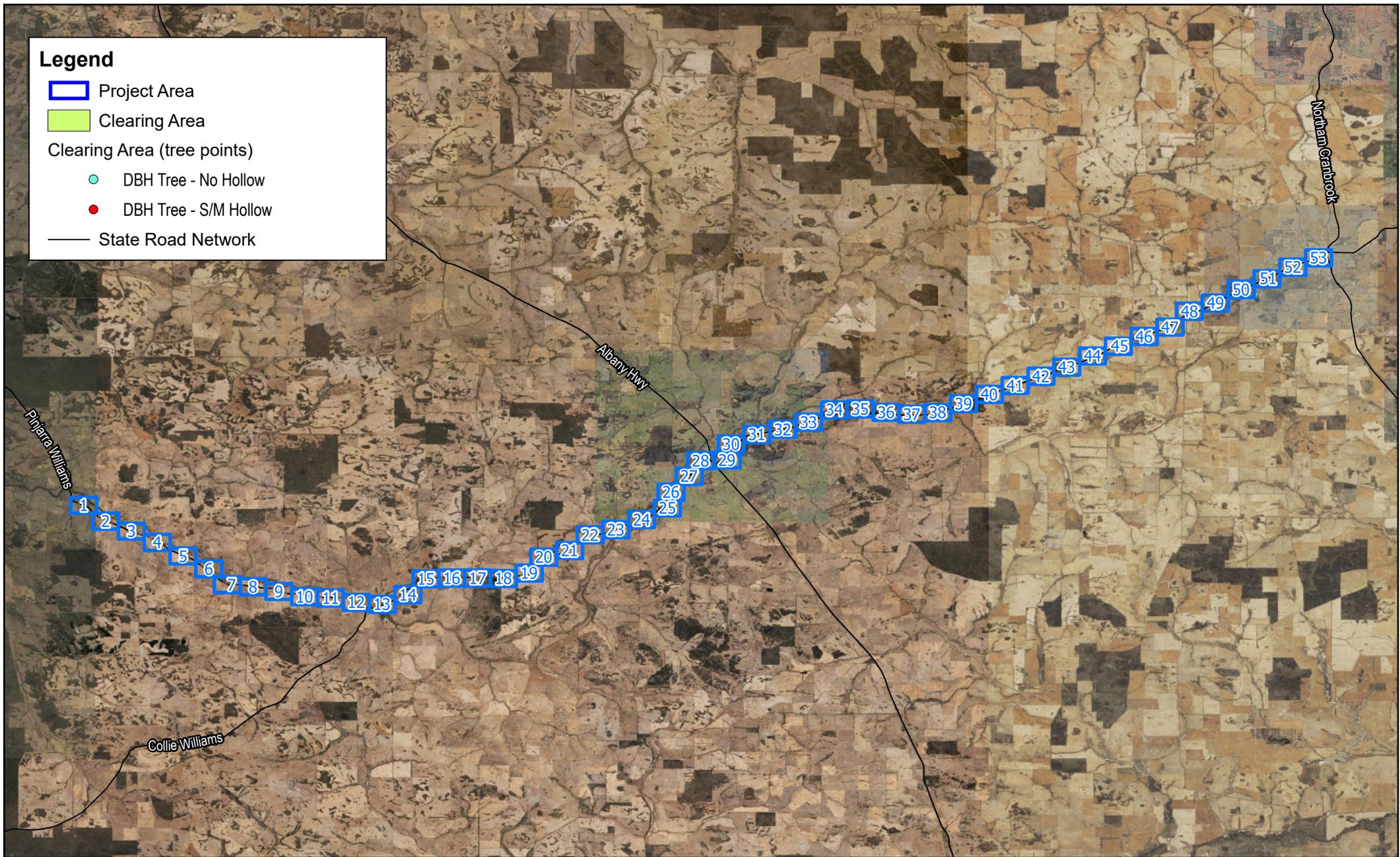
Condition Number	Condition	Status	Evidence/Comments
	<p>later than two business days after becoming aware of the incident or non-compliance. The notification must specify:</p> <ul style="list-style-type: none"> <li>a. any condition which is or may be in breach;</li> <li>b. a short description of the incident and/or non-compliance; and</li> <li>c. the location (including co-ordinates), date, and time of the incident and/or non-compliance. In the event the exact information cannot be provided, provide the best information available.</li> </ul>		<p>The payment of the offset invoice commenced well in advance of the commencement date of 2 February 2021. Due to administrative reasons unbeknown to the project team, the payment of the invoice was delayed. Main Roads became aware of the issue on 5 February 2021 and immediately halted clearing. The payment of the offset was made on 5 February 2021. The minor administrative error did not result in any additional impact to the environment.</p> <p>The Department was notified of this non-compliance on 5 February 2021, in accordance with Condition 10.</p>
11	<p>The approval holder must provide to the Department the details of any incident or non-compliance with the conditions or commitments made in plans as soon as practicable and no later than 10 business days after becoming aware of the incident or non-compliance, specifying:</p> <ul style="list-style-type: none"> <li>a. any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future;</li> <li>b. the potential impacts of the incident or non-compliance; and</li> <li>c. the method and timing of any remedial action that will be undertaken by the approval holder.</li> </ul>	Compliant	<p>The Department was notified of a non-compliance with Condition 4a within 10 business days of Main Roads becoming aware of the non-compliance. The notification included information required by Condition 11. Upon becoming aware of the non-compliance with the payment of the offset, Main Roads immediately halted clearing and finalised the offset payment. The administrative error did not result in any additional impacts to the environment. No further remedial actions were required.</p>

## 3 Appendices

Appendix 1 – Clearing area maps

### Legend

-  Project Area
-  Clearing Area
- Clearing Area (tree points)
  -  DBH Tree - No Hollow
  -  DBH Tree - S/M Hollow
-  State Road Network



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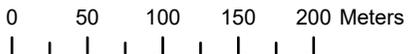




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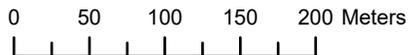
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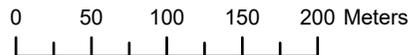




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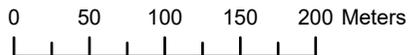




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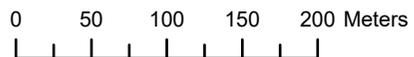




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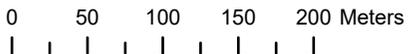




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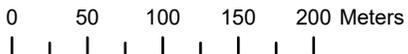


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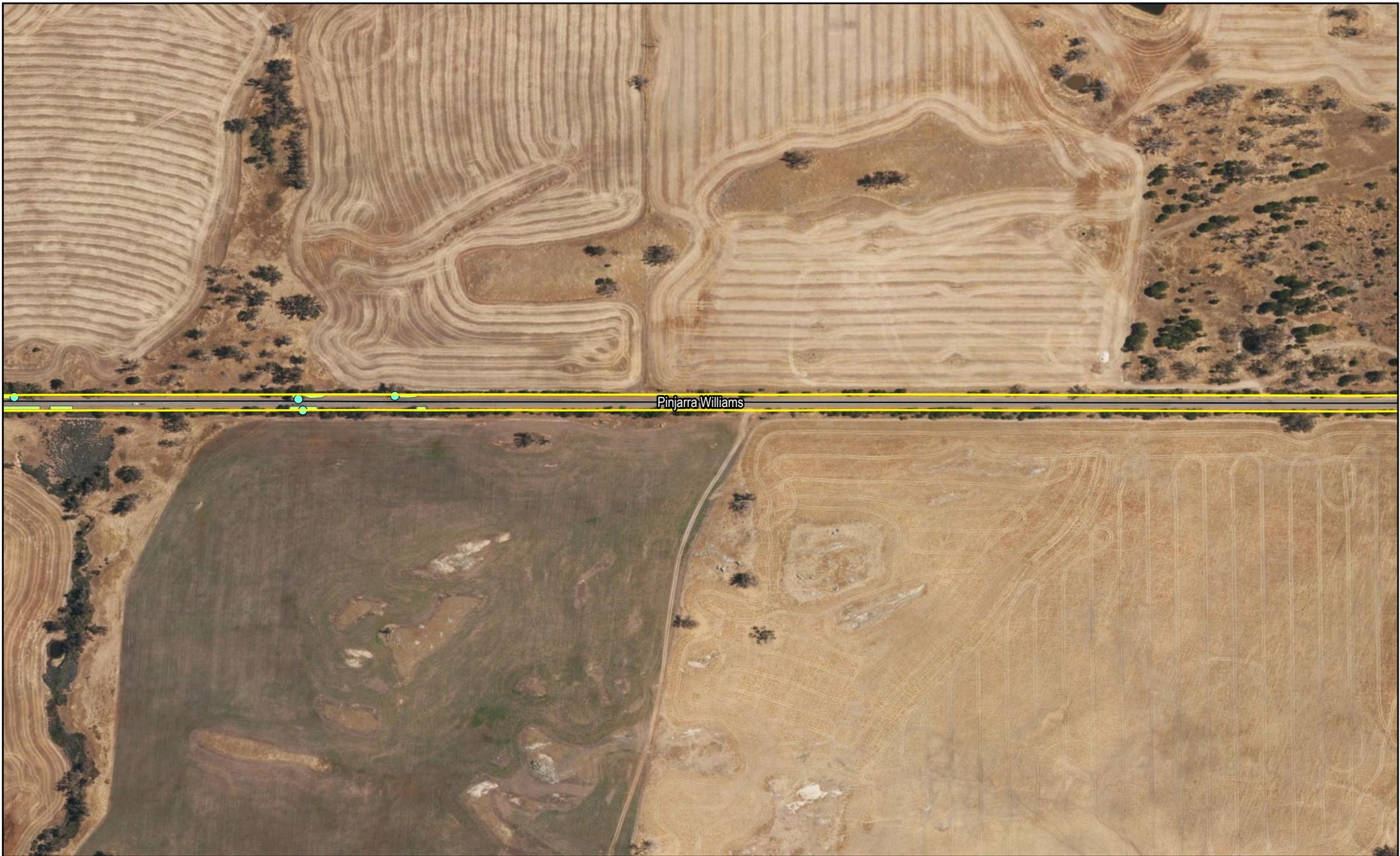
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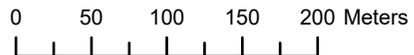
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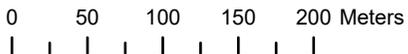




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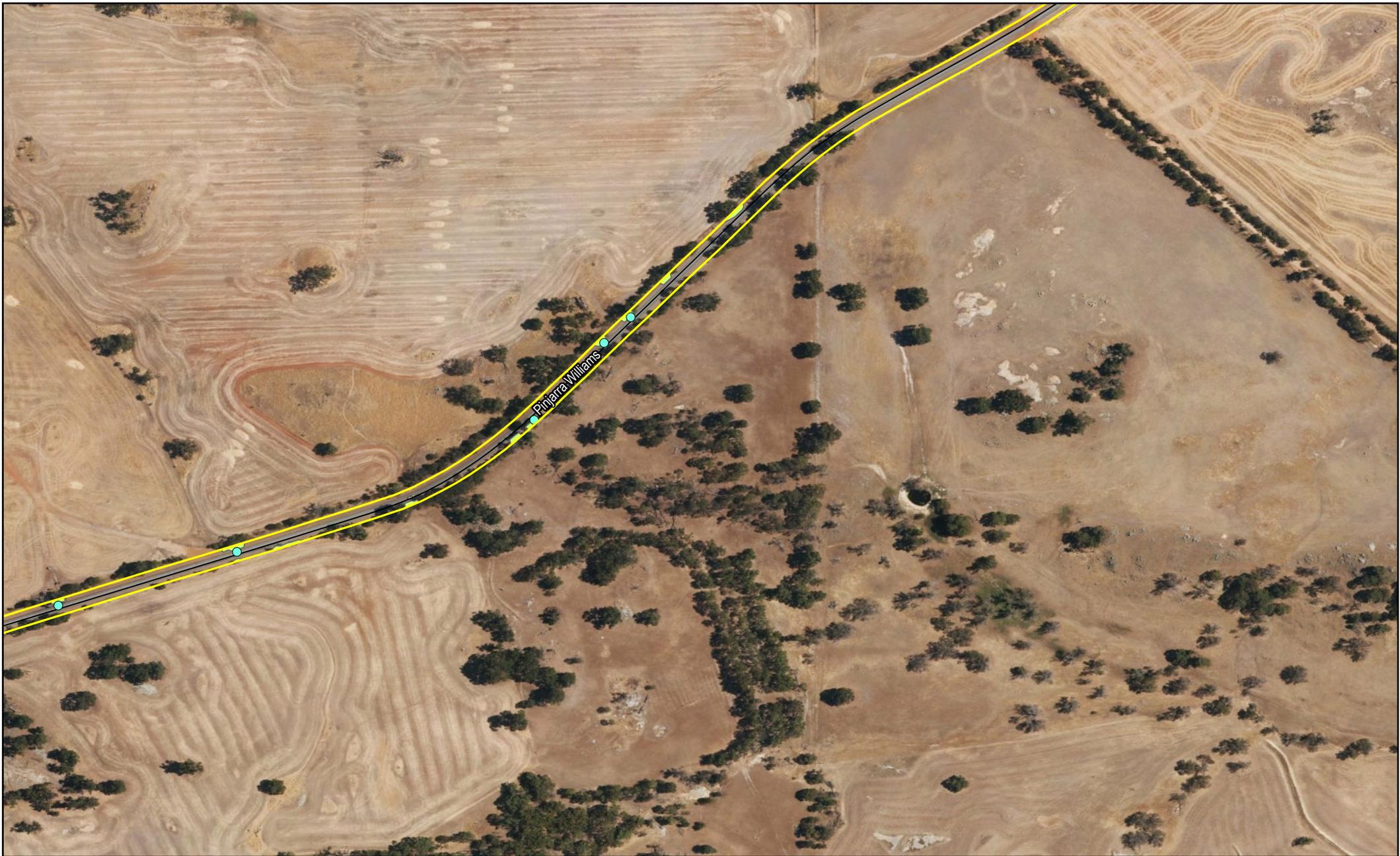
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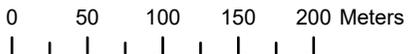




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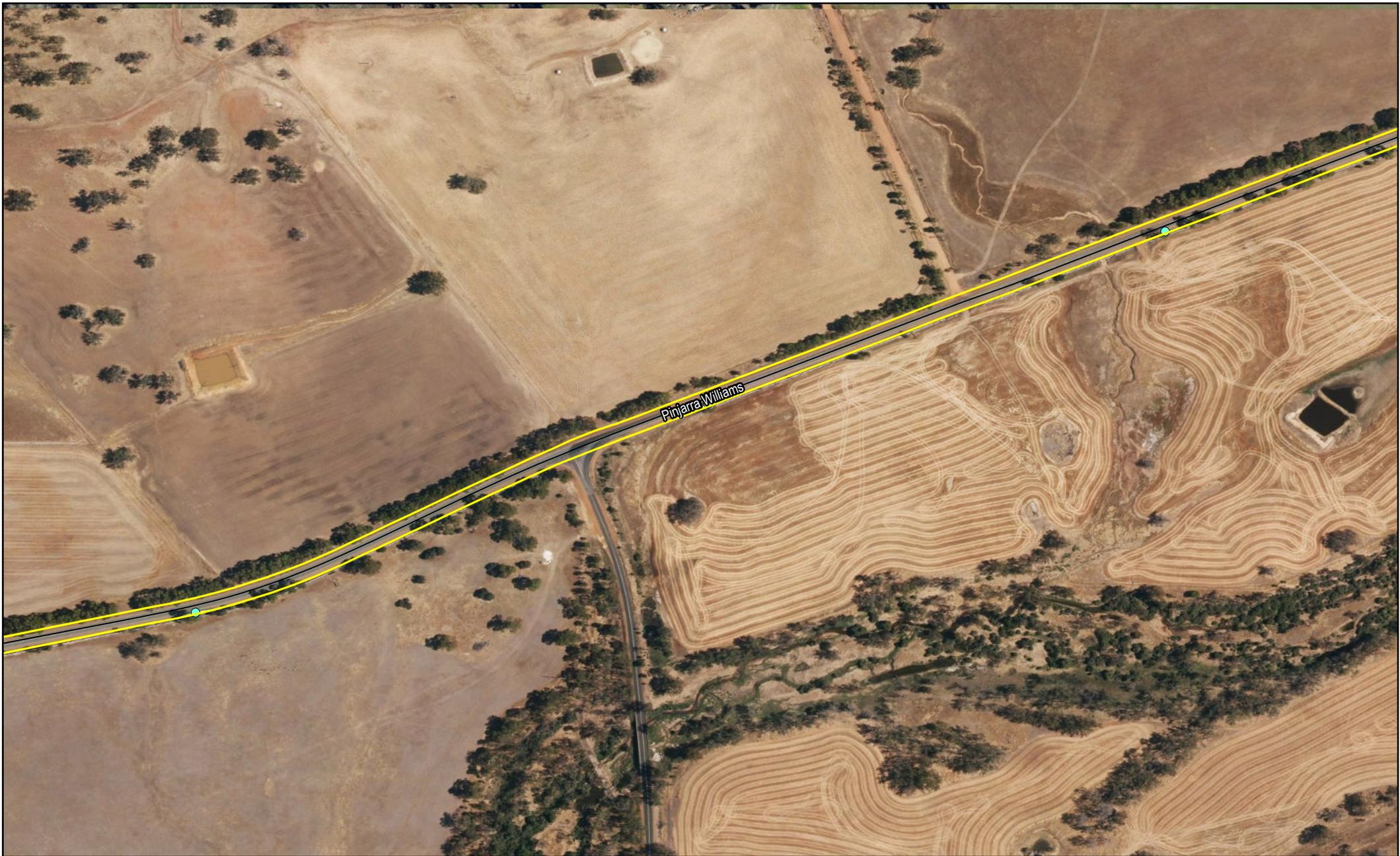
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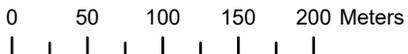
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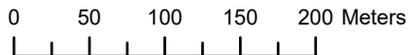




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Created Date: 20/04/2022  
Author: E200292



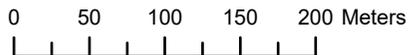
# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing





Coordinate System: GCS GDA 1994  
 Scale: 1:5,000 @ A4  
 Created Date: 20/04/2022  
 Author: E200292



# Maintenance Zone Establishment Project

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 M053





Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

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Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292

0 50 100 150 200 Meters

# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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H053

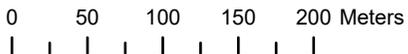




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

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Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292

0 50 100 150 200 Meters

# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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H053





Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

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Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



## Maintenance Zone Establishment Project

### 2021-22 Reporting Period - Clearing



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H053

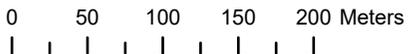




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

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H053

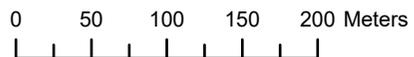




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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H053





Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292

0 50 100 150 200 Meters

## Maintenance Zone Establishment Project

### 2021-22 Reporting Period - Clearing



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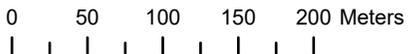
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Coordinate System: GCS GDA 1994  
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Author: E200292

## Maintenance Zone Establishment Project

### 2021-22 Reporting Period - Clearing



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H053

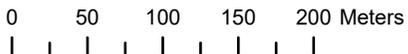




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Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

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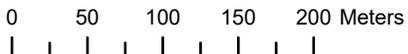




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Author: E200292



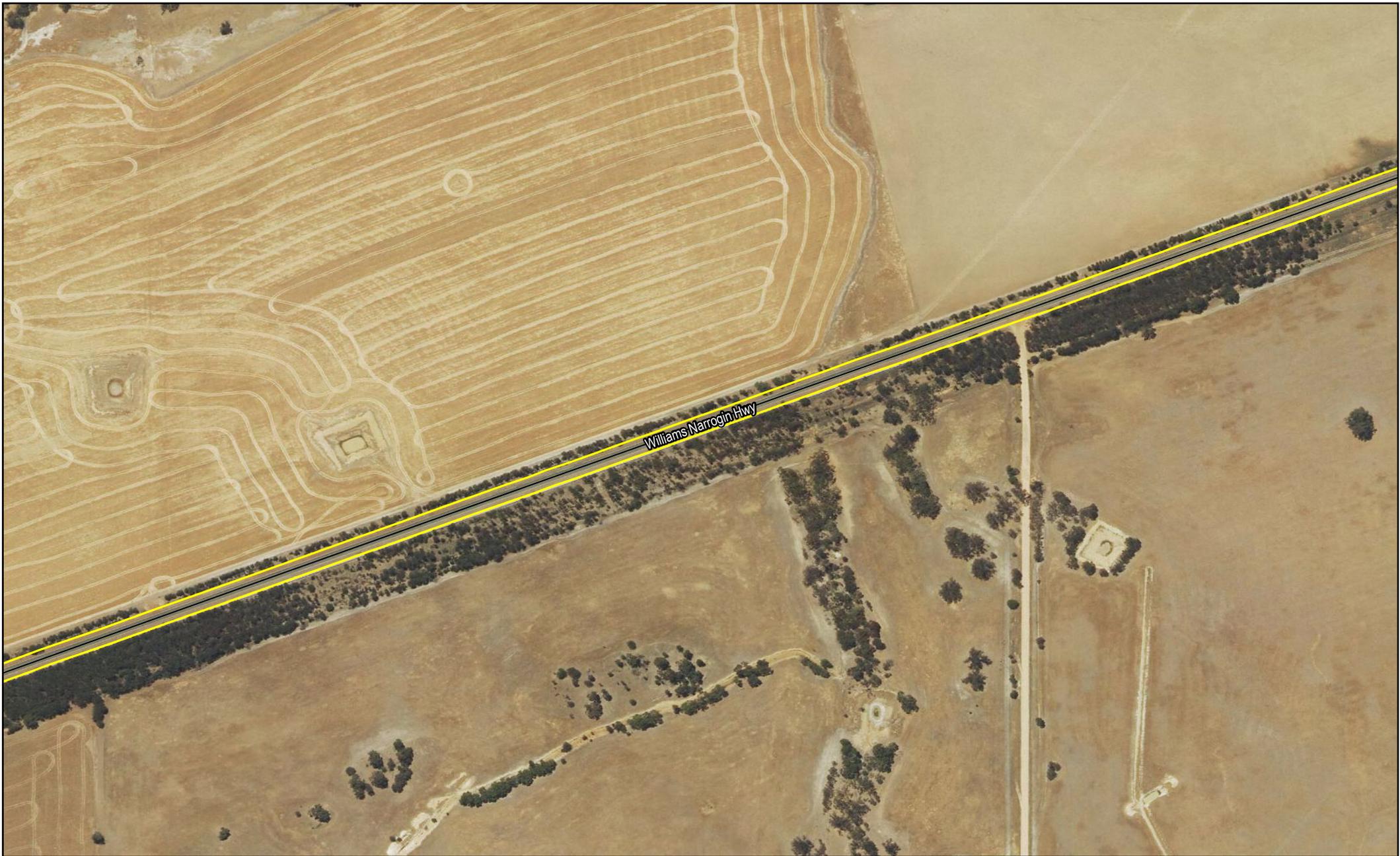
# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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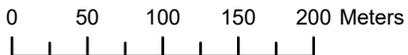




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



## Maintenance Zone Establishment Project

2021-22 Reporting Period - Clearing



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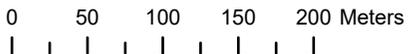




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

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Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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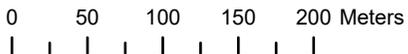




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
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Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing

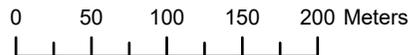


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H053





Coordinate System: GCS GDA 1994  
 Scale: 1:5,000 @ A4  
 Created Date: 20/04/2022  
 Author: E200292



# Maintenance Zone Establishment Project

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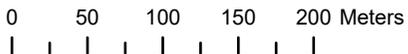




Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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H053

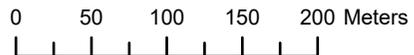




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Created Date: 20/04/2022  
Author: E200292



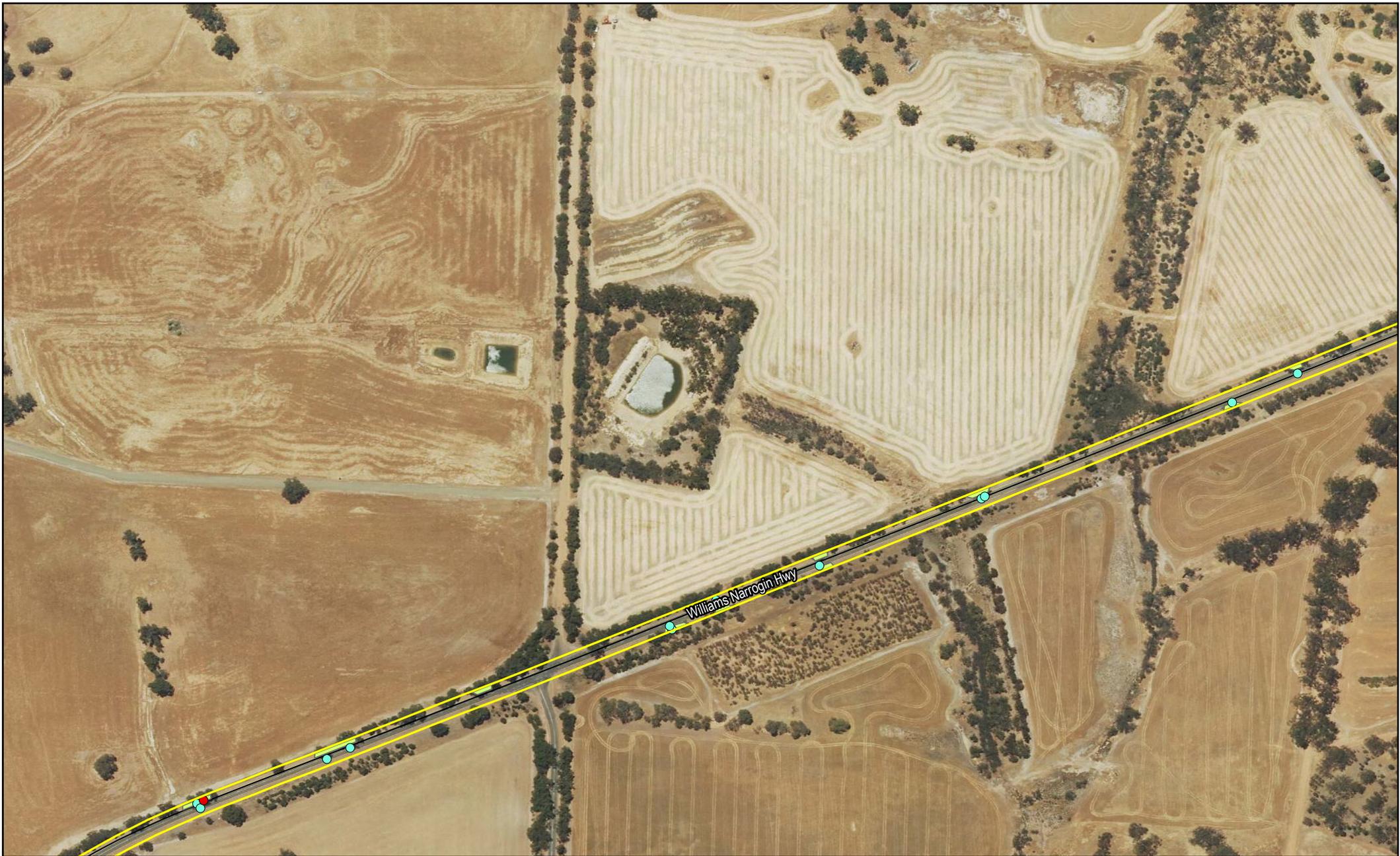
# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing

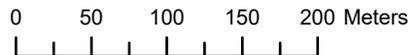


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H053





Coordinate System: GCS GDA 1994  
 Scale: 1:5,000 @ A4  
 Created Date: 20/04/2022  
 Author: E200292



# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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 H053





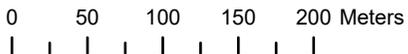
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Coordinate System: GCS GDA 1994  
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Author: E200292

# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing





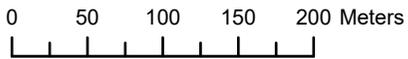
Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
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Author: E200292

# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing



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Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292

# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing

0 50 100 150 200 Meters



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H053





Williams Narrogin Hwy



Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
Created Date: 20/04/2022  
Author: E200292



# Maintenance Zone Establishment Project

## 2021-22 Reporting Period - Clearing

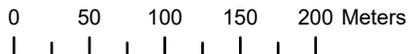


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Coordinate System: GCS GDA 1994  
Scale: 1:5,000 @ A4  
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Author: E200292



# Maintenance Zone Establishment Project

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Attachment 1 – Vehicle and Plant Hygiene Checklists

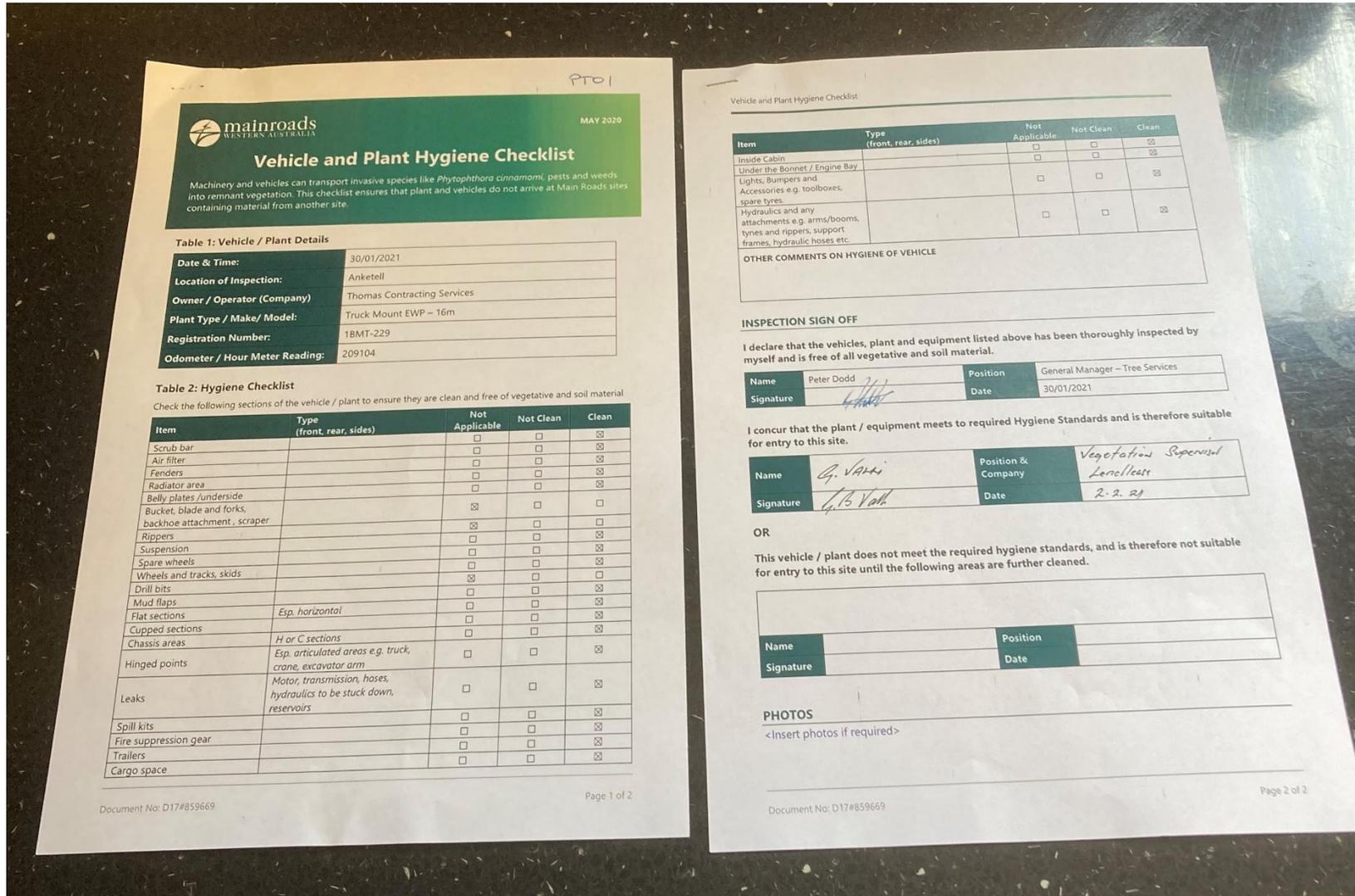
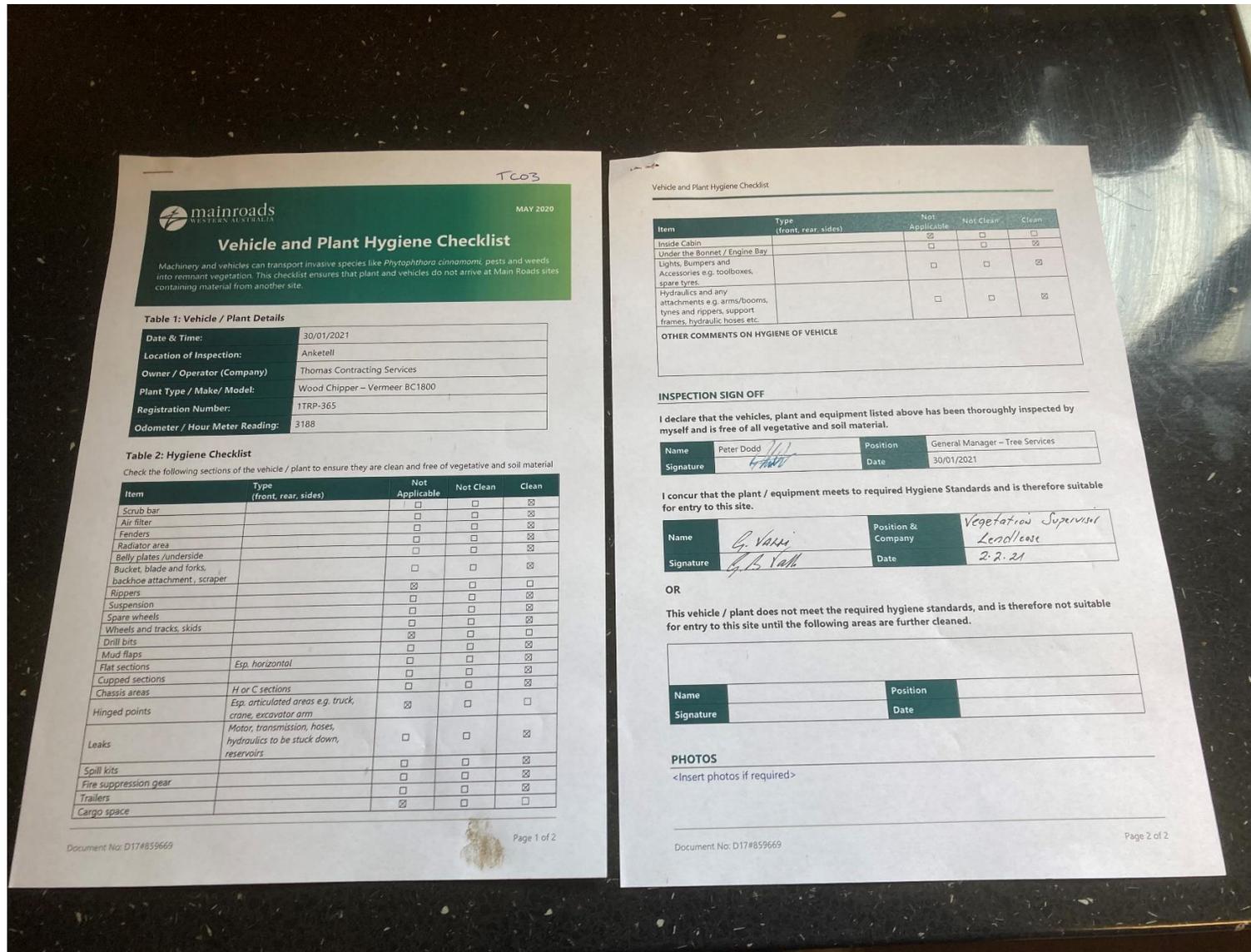


Figure 1 - Truck-mounted EWP (Clearing on M053)

MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 1



TC03

**mainroads**  
WESTERN AUSTRALIA  
MAY 2020

### Vehicle and Plant Hygiene Checklist

Machinery and vehicles can transport invasive species like *Phytophthora cinnamomi*, pests and weeds into remnant vegetation. This checklist ensures that plant and vehicles do not arrive at Main Roads sites containing material from another site.

**Table 1: Vehicle / Plant Details**

Date & Time:	30/01/2021
Location of Inspection:	Anketell
Owner / Operator (Company):	Thomas Contracting Services
Plant Type / Make/ Model:	Wood Chipper – Vermeer BC1800
Registration Number:	1TRP-365
Odometer / Hour Meter Reading:	3188

**Table 2: Hygiene Checklist**  
Check the following sections of the vehicle / plant to ensure they are clean and free of vegetative and soil material

Item	Type (front, rear, sides)	Not Applicable	Not Clean	Clean
Scrub bar		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air filter		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fenders		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Radiator area		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Belly plates /underside		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bucket, blade and forks, backhoe attachment, scraper		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rippers		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suspension		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spare wheels		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wheels and tracks, skids		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drill bits		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mud flaps		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flat sections	Esp. horizontal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cupped sections		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chassis areas	H or C sections	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hinged points	Esp. articulated areas e.g. truck, crane, excavator arm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leaks	Motor, transmission, hoses, hydraulics to be stuck down, reservoirs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill kits		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fire suppression gear		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trailers		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cargo space		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Vehicle and Plant Hygiene Checklist

Item	Type (front, rear, sides)	Not Applicable	Not Clean	Clean
Inside Cabin		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under the Bonnet / Engine Bay		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lights, Bumpers and Accessories e.g. toolboxes, spare tyres		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hydraulics and any attachments e.g. arms/booms, tyres and rippers, support frames, hydraulic hoses etc.		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER COMMENTS ON HYGIENE OF VEHICLE

**INSPECTION SIGN OFF**

I declare that the vehicles, plant and equipment listed above has been thoroughly inspected by myself and is free of all vegetative and soil material.

Name	Peter Dodd	Position	General Manager – Tree Services
Signature	<i>Peter Dodd</i>	Date	30/01/2021

I concur that the plant / equipment meets to required Hygiene Standards and is therefore suitable for entry to this site.

Name	G. Vaine	Position & Company	Vegetation Supervisor Lendlease
Signature	<i>G. Vaine</i>	Date	2.2.21

OR

This vehicle / plant does not meet the required hygiene standards, and is therefore not suitable for entry to this site until the following areas are further cleaned.

Name		Position	
Signature		Date	

**PHOTOS**  
<Insert photos if required>

Figure 2 - Wood Chipper (Clearing on M053)

MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 1



MAY 2020

## Vehicle and Plant Hygiene Checklist

Machinery and vehicles can transport invasive species like *Phytophthora cinnamomi*, pests and weeds into remnant vegetation. This checklist ensures that plant and vehicles do not arrive at Main Roads sites containing material from another site.

Table 1: Vehicle / Plant Details

Date & Time:	10/01/2022
Location of Inspection:	Narrogin – H053 – SLK 29.1
Owner / Operator (Company):	Thomas Contracting Services
Plant Type / Make/ Model:	Truck Mount EWP – 25m – Boom Hired 838
Registration Number:	ZNK439 Y
Odometer / Hour Meter Reading:	265682

Table 2: Hygiene Checklist

Check the following sections of the vehicle / plant to ensure they are clean and free of vegetative and soil material

Item	Type (front, rear, sides)	Not Applicable	Not Clean	Clean
Scrub bar		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air filter		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fenders		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Radiator area		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Belly plates /underside		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bucket, blade and forks, backhoe attachment , scraper		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rippers		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suspension		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spare wheels		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wheels and tracks, skids		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drill bits		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mud flaps		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flat sections	<i>Esp. horizontal</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cupped sections		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chassis areas	<i>H or C sections</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hinged points	<i>Esp. articulated areas e.g. truck, crane, excavator arm</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Leaks	<i>Motor, transmission, hoses, hydraulics to be stuck down, reservoirs</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill kits		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fire suppression gear		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trailers		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cargo space		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Vehicle and Plant Hygiene Checklist

Item	Type (front, rear, sides)	Not Applicable	Not Clean	Clean
Inside Cabin		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Under the Bonnet / Engine Bay		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lights, Bumpers and Accessories e.g. toolboxes, spare tyres.		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hydraulics and any attachments e.g. arms/booms, tynes and rippers, support frames, hydraulic hoses etc.		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER COMMENTS ON HYGIENE OF VEHICLE				

INSPECTION SIGN OFF

I declare that the vehicles, plant and equipment listed above has been thoroughly inspected by myself and is free of all vegetative and soil material.

Name	Jared Cole	Position	EWP Operator
Signature	<i>Jared Cole</i>	Date	10/01/2022

I concur that the plant / equipment meets to required Hygiene Standards and is therefore suitable for entry to this site.

Name	<i>A. VALLI</i>	Position & Company	<i>Vegetation Supervised Services Pty Ltd.</i>
Signature	<i>A. Valli</i>	Date	<i>11-01-22</i>

OR

This vehicle / plant does not meet the required hygiene standards, and is therefore not suitable for entry to this site until the following areas are further cleaned.

Name		Position	
Signature		Date	

PHOTOS

<Insert photos if required>

Figure 3 - Truck-mounted EWP (Clearing on H053)



**Table 1: Vehicle / Plant Details**

Date & Time:	10/01/2022
Location of Inspection:	Narrogin – M053 - SLK 29.1
Owner / Operator (Company)	Thomas Contracting Services
Plant Type / Make/ Model:	Wood Chipper – Vermeer BC1800
Registration Number:	1TRP-365 (TC-03)
Odometer / Hour Meter Reading:	3865

**Table 2: Hygiene Checklist**

Check the following sections of the vehicle / plant to ensure they are clean and free of vegetative and soil material

Item	Type (front, rear, sides)	Not Applicable	Not Clean	Clean
Scrub bar		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air filter		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fenders		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Radiator area		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Belly plates /underside		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bucket, blade and forks, backhoe attachment , scraper		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rippers		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Suspension		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spare wheels		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wheels and tracks, skids		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drill bits		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mud flaps		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flat sections	<i>Esp. horizontal</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cupped sections		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chassis areas	<i>H or C sections</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hinged points	<i>Esp. articulated areas e.g. truck, crane, excavator arm</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Leaks	<i>Motor, transmission, hoses, hydraulics to be stuck down, reservoirs</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill kits		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fire suppression gear		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trailers		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cargo space		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Figure 4 - Wood chipper (Clearing on H053)

Vehicle and Plant Hygiene Checklist

Item	Type (front, rear, sides)	Not Applicable	Not Clean	Clean
Inside Cabin		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Under the Bonnet / Engine Bay		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lights, Bumpers and Accessories e.g. toolboxes, spare tyres.		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hydraulics and any attachments e.g. arms/booms, tyres and rippers, support frames, hydraulic hoses etc.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**OTHER COMMENTS ON HYGIENE OF VEHICLE**

**INSPECTION SIGN OFF**

I declare that the vehicles, plant and equipment listed above has been thoroughly inspected by myself and is free of all vegetative and soil material.

Name	Warren Exley	Position	Plant Operator
Signature	<i>Warren Exley</i>	Date	10/01/2022

I concur that the plant / equipment meets to required Hygiene Standards and is therefore suitable for entry to this site.

Name	<i>G. Vanni</i>	Position & Company	<i>Vegetation Supervisor Service Stream.</i>
Signature	<i>G. Vanni</i>	Date	<i>11.1.22</i>

OR

This vehicle / plant does not meet the required hygiene standards, and is therefore not suitable for entry to this site until the following areas are further cleaned.

Name		Position	
Signature		Date	

**PHOTOS**

<Insert photos if required>

## Summary of Pre-clearing Monitoring of Potential Red-Tailed Phascogale Habitat Trees on the Pinjarra-Williams Road (February/March 2021)

Brenden Metcalf for BAMFORD CONSULTING ECOLOGISTS

2<sup>nd</sup> March 2021

### Introduction

MRWA propose to widen the verge of the Pinjarra-Williams Road, between Quindanning and Williams, removing vegetation that is within four metres of the existing road. Bamford Consulting Ecologists were commissioned to conduct an assessment of previously identified habitat trees that are likely to be impacted for the presence of Red-tailed Phascogale (*Phascogale calura*) within 48hrs prior to clearing commencing (on the 3<sup>rd</sup> March 2021).

### Methodology

Ten trees were previously identified as potential habitat for Red-tailed Phascogale, as listed below.

FIELD IDENTIFIER	SPECIES	DBH (mm)	HOLLOW/S	EASTING	NORTHING
038	Jarrah	1200	2 m	471015.8	6337826
256	Flooded Gum	1000	2x medium and small	472598.7	6337529
327	Wandoo	1100	small one 1cm at 1m	460627.4	6342392
338	Wandoo	1000	1 small	464795.5	6340034
339	Wandoo	600	1 small	464798.7	6340033
356	Wandoo	650	1x medium 1x small	469849.8	6337984
367	Wandoo	600	2 x small	470559.3	6337924
393	Wandoo	1000	1 x medium	472736.2	6337429
427	Wandoo	500	2 x small	481098.2	6339799
471	Wandoo	600	1 x small and 1 x medium	486792.8	6343160

An initial assessment was conducted between the 28<sup>th</sup>-31<sup>st</sup> January 2021, but due to delays in work commencing a second assessment was conducted between 27<sup>th</sup> February – 2<sup>nd</sup> March to meet the conditions of the clearing permit i.e. that the trees be monitored for Red-tailed Phascogales up to less than 48hrs before clearing commences. The previously identified habitat trees were visited and assessed for their likelihood to provide suitable habitat for Red-tailed Phascogales. Motion-sensitive Cameras (Reconyx Rapidfire and Bushnell Trophycams) were deployed at seven locations either adjacent or on habitat trees.

### Results

During the initial visit, several trees were identified as being unlikely to support Red-tailed Phascogales due to their relative isolation from other suitable habitat. All other trees were monitored using Motion-sensitive Cameras, but no Red-tailed Phascogales were recorded using the trees/adjacent areas during the survey period (see summary below). No hollow investigations were conducted due to close proximity of the road and potential vehicle movements.

## MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 2

Table 1. Summary of monitoring effort and results

Tree	Comments
FID 471	Considered unlikely to provide RTP habitat
FID 427	Camera BCE06 deployed 28 <sup>th</sup> -30 <sup>th</sup> Jan. Recorded Red Fox and Black Rat.
	Camera BCE05 deployed 27 <sup>th</sup> Feb – 2 <sup>nd</sup> March. Recorded Feral Cat and rodent.
FID 393	Camera BCE05 deployed 28 <sup>th</sup> -30 <sup>th</sup> Jan. Recorded Red Fox.
	Camera WW49 deployed 27 <sup>th</sup> Feb – 2 <sup>nd</sup> March. Recorded nil.
FID 256	Camera BCE05 deployed 30 <sup>th</sup> -31 <sup>st</sup> Jan. Recorded Red Fox.
	Camera BM03 deployed 27 <sup>th</sup> Feb – 2 <sup>nd</sup> March. Recorded nil.
FID 038	Camera BCE18 deployed 28 <sup>th</sup> -31 <sup>st</sup> Jan. Recorded nil.
	Camera BCE18 deployed 27 <sup>th</sup> Feb – 2 <sup>nd</sup> March. Recorded nil.
FID 356	Considered unlikely to provide RTP habitat
FID 367	Camera BCE17 deployed 28 <sup>th</sup> -31 <sup>st</sup> Jan. Recorded Red Fox and Australian Magpie.
	Camera BCE06 deployed 27 <sup>th</sup> Feb – 2 <sup>nd</sup> March. Recorded a Yellow-rumped Thornbill.
FID 339	Considered unlikely to provide RTP habitat.
FID 338	Camera BCE06 deployed 30 <sup>th</sup> -31 <sup>st</sup> Jan. Recorded nil.
	Cameras BCE17 and WW45 deployed 27 <sup>th</sup> Feb – 2 <sup>nd</sup> March. Recorded a dog.
FID 327	Considered unlikely to provide RTP habitat.

Figure 1. Fox at FID427



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Figure 2. Black Rat at FID 427



Figure 3. Feral Cat at FID 427



**MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 2**

*Figure 4. Dog at FID338 (torso and rump, head behind the tree)*



*Figure 5. Yellow-rumped Thornbill at FID367 (bottom of picture, towards the right)*



**MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 2**

**Summary of Pre-clearing Monitoring of Potential Red-Tailed Phascogale Habitat Trees on the Williams-Narrogin Hwy (January 2021)**

Tree	Camera	Record		Date	Comments
74	BCE30	Mus musculus	House Mouse	6/01/2022	
74	BCE30	Cracticus tibicen	Australian Magpie	10/01/2022	
1	BCE11	Cercatetus concinnus	Western Pygmy-Possum	8/01/2022	
1	BCE11	Rattus rattus	Black Rat	5/01/2022	
2	BCE23	Mus musculus	House Mouse	9/01/2022	
9	BCE05	Vulpes vulpes	European Fox	10/01/2022	
17	BCE17	Rattus rattus	Black Rat	9/01/2022	
18	C2	nil			This tree has a hollow that has the potential to be used by a Black Cockatoo for nesting purposes
21	BCE20	Vulpes vulpes	European Fox	8/01/2022	
21	BCE20	Human		10/01/2022	
30	BCE06	Mus musculus	House Mouse	8/01/2022	
33	BCE32	Mus musculus	House Mouse	5/01/2022	No hollows suitable for use by a Black Cockatoo were observed on this tree.
33	BCE32	Rattus rattus	Black Rat	5/01/2022	
38	camera set, then removed due to expected interference				
39	camera set, then removed due to expected interference				
40	BCE01	nil			
41	BCE01	nil			
42	BCE04	Phascogale calura	Red-tailed Phascogale	6/01/2022	
42	BCE04	Vulpes vulpes	European Fox	7/01/2022	
43 & 44	BCE18	Phascogale calura	Red-tailed Phascogale	10/01/2022	
45	BCE10	nil			

**MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 2**

46	camera set, then removed due to expected interference				
47 & 48	BCE03	nil			
49	camera not set due to expected interference - but not expected to be utilised by phascogales				
50	camera not set due to expected interference - but not expected to be utilised by phascogales				
53	camera not set due to expected interference - but not expected to be utilised by phascogales				
51	camera not set due to expected interference - but not expected to be utilised by phascogales				
52	camera not set due to expected interference - but not expected to be utilised by phascogales				

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H053 NARROGIN WILLIAMS HIGHWAY TREE CLEARING

SLK	SOR	DISTANCE	DBH	SPECIES	HOLLO WS	PHOTO SLK	COMMENTS		
11.08	left	8		wandoo	p		Glenfield Rd Sightline	double pink	No phascogale, approved to clear
11.11	left	8		wandoo	p		Glenfield Rd Sightline NOT PINK	single pink	
19.44	left	6.65	2900	loxophleba	p				
19.75	left	6.55	2200	wandoo	p	19.87		double pink	No phascogale, approved to clear
19.85	left	5.93	2750	marri	p			double pink	No phascogale, approved to clear
19.87	left	6.44	1550	marri			1 tree		
19.99	left	6.8	1500	sheaok		19.98			
20.02	left	5.96	4200	marri	p	20.17			
20.2	left	6.7	4015	marri	p	20.36			
20.39	left	6.29	2900	marri	p	20.4			
20.53	left	6.3	3950	marri	p				
20.97	left	6.6	3400	wandoo	p			double pink	No phascogale, approved to clear
21.92	left	6.57	3600	marri	p	21.93			
21.98	left	6.66	5000	marri	p		TO BE RETAINED		blacked out
22.1	left	6.47	4150	marri	p				
22.48	left	5.93	5600	marri dead	p	22.47			
22.49	left	6.16	3800	marri					
23.06	left	6.84	850	wandoo					
23.06	left	6.53	800	wandoo			two trunks		
23.44	left	6.79	2500	marri		23.59		double pink	No phascogale, approved to clear
23.68	left	6.88	1600	wandoo	p		TO BE RETAINED		black out
23.71	left	6.65	1350	wandoo			three trunks		
23.71	left	6.3	1300	wandoo	p				
23.71	left	6.23	1600	wandoo	p	23.72		double pink	No phascogale, approved to clear
23.83	left	6.35	2650	wandoo	p	23.92			
23.85	left	5.95	3900	marri	p				
23.98	left	6.3	2200	marri	p	23.97			
24.28	left	6.8	1900	marri					
24.43	left	6.6	1400	jarrah					
24.43	left	6.57	950	sheaok dead					
24.43	left	6.77	1350	marri		24.44			
24.72	left	6.65	3750	longicornis	p	24.73			
25.29	left	6.59	2350	wandoo	p			double pink	No phascogale, approved to clear
25.34	left	7	1850	dead tree	p				
25.36	left	6.36	1300	marri		25.44			
25.55	left	6.43	3350	marri	p			double pink	No phascogale, approved to clear
25.64	left	6.9	1750	marri	p	25.69			
25.66	left	6.5	1850	marri		25.67			
25.74	left	6.63	1200	wandoo		25.92			
25.76	left	6.68	1250	euc		25.94			
25.78	left	6.9	1750	euc		25.95		double pink/white	camera removed, DO NOT CLEAR
25.79	left	6.9	1800	marri		25.93		double pink/white	camera removed, DO NOT CLEAR
25.94	left	6.3	2150	jarrah				double pink	No phascogale, approved to clear
25.95	left	6.78	1250	marri		25.96		double pink	No phascogale, approved to clear
26.05	left	6.9	1350	wandoo				double pink/white	Phascogale recorded, DO NOT CLEAR
26.11	left	6.96	1350	wandoo				double pink/white	Phascogale recorded, DO NOT CLEAR

approved to clear BM

approved to clear BM

AD Manager removed + approved to clear BM

MZE Project EPBC 2016/7698 Compliance Report – 2021-2022 – Attachment 2

H053 NARROGIN WILLIAMS HIGHWAY TREE CLEARING

SLK	SOR	DISTANCE	DBH	SPECIES	HOLLO WS	PHOTO SLK	COMMENTS			
26.12	left	6.7	850	wandoo		26.13		double pink/white	Phascogale recorded, DO NOT CLEAR	inspected + cleared BM
26.32	left	6.87	2350	marri				double pink	No phascogale, approved to clear	
27.32	left	6.6	1000	wandoo				double pink/white	camera removed, DO NOT CLEAR	inspected + cleared BM
27.96	left	6.84	3100	marri	p	27.95		double pink	No phascogale, approved to clear	
27.95	left	6.9	2000	marri	p	27.97		double pink	No phascogale, approved to clear	
28.91	left	6.25	950	river gum			in 80k zone in front of cemetary	planted veg		
28.93	left	5.37	1300	citriodora		28.92	in 80k zone in front of cemetary	planted veg		
28.96	left	6.56	1100	river gum			in 80k zone in front of cemetary	planted veg		
28.98	left	6.35	1350	pinus		28.97	in 80k zone in front of cemetary	planted veg		
28.95	right	6.35	1000	citriodora		28.94	in 80k zone in front of cemetary	planted veg		
24.66	right	6.67	1900	marri						
24.29	right	6.24	1300	sheoak						
24.19	right	6.7	2300	marri		24.18				
24.15	right	6.87	900	dead tree						
24.14	right	6.9	1400	marri						
24.14	right	6.66	2200	marri						
11.12	right	6.4	1900	wandoo?						
11.06	right	6.4	1200	wandoo x 3			3 separate trees			
9.95	right	6.91	1850	sheaok						
9.83	right	6.72	1300	sheaok						
9.71	right	6.46	1050	wandoo		9.87				
9.26	right	6.2	1350	loxophleba						
9.23	right	6.45	1300	loxophleba x 3			3 separate trees			
9.19	right	6.85	600	dead tree x 2			2 separate dead trees			
9.18	right	6.84	2650	rudis						
9.17	right	6.3	1700	loxophleba		9.26				
9.14	right	6.6	1850	loxophleba						
9.13	right	6.73	4100	loxophleba						
8.51	right	7.03	1950	loxophleba						

**Attachment 3 – Notification of Commencement of Action and Financial Contribution to Offsets Fund**



mainroads  
WESTERN AUSTRALIA

Enquiries: Ms Lyn Van Gorp, [REDACTED]  
Our Ref: D21#174933  
Your Ref: EPBC 2016/7698

15/02/2021

Vaughn Cox  
Assistant Director  
Post Approvals, Department of Agriculture, Water and the Environment  
GPO Box 858  
Canberra ACT 2601

Dear Mr Cox

**Maintenance Zone Establishment - Pinjarra Williams Road (M053)  
(EPBC 2016/7698): Commencement of the Action and Financial Contribution to  
Offsets Fund**

Please be advised that Main Roads Western Australia (Main Roads) commenced clearing along the Pinjarra Williams Road on Tuesday 2 February 2021. As such, please accept this correspondence as formal notification of commencement of the action as required by Condition 5 of EPBC 2016/7698.

Condition 4a of the approval requires that Main Roads makes a financial contribution to the Western Australian Department of Water and Environmental Regulation (DWER) Offsets Fund to fully fund the purchase of an offset site containing a minimum of 43.25 hectares of Carnaby's Black Cockatoo, Forest Red-tailed Black Cockatoo, and Red-tailed Phascogale foraging habitat and potential nesting trees. Condition 4b of the approval requires Main Roads to provide evidence to your Department within 10 business days of making the financial contribution, which demonstrates how the contribution complies with the requirements of Condition 4a.

Please refer to Attachment 1 for evidence that Main Roads paid \$126,630.00 into the DWER Offsets Fund on 5 February 2021. The formal receipt for this payment has been requested from DWER and will be provided to the Department in the Annual Compliance Report for the project. As evidenced in Attachment 2, this payment is for the acquisition of at least 50.25 hectares of vegetation comprising black cockatoo foraging and potential nesting habitat as well as Red-tailed Phascogale habitat. As such, the financial contribution is considered to meet the requirements of Condition 4b.

I trust that the information provided in this letter and its attachments satisfies the requirements of conditions 4b and 5 of EPBC 2016/7698. It also provides evidence (Attachment 1) of the corrective actions taken in relation to the administrative non-compliance reported to your Department on 5 February 2021; fulfilling the requirements of Condition 11 in relation to this non-compliance.



Please do not hesitate to contact me using the details provided above should you have any queries in relation to this letter.

Yours sincerely

A handwritten signature in blue ink, appearing to be "Lyn Van Gorp".

Lyn Van Gorp  
**Senior Environment Officer – Wheatbelt**

**Enclosed:** Attachment 1 Evidence demonstrating payment into DWER Offsets Fund  
Attachment 2 Summary of Offset details from DWER Assessment Report



**Attachment 1 – Screenshot from Main Roads accounts system demonstrating full payment of the Pinjarra Williams Road offset payment into the DWER Offsets Fund**

Payment: 124

Business Unit	MRWA	Payment Amount	126,630.00 AUD
Payee	Department of Water and Environmental Regulation	Payment Date	05/02/2021
Payee Site	PAY02	Payment Type	Payment Process Request
Address	Locked Bag 33, CLOISTERS SQUARE WA 6850	Remit-to Account	18300113
Payment Status	Negotiable	Payment Document	

Paid Invoices

Number	Invoice Date	Type	Purchase Order	Receipt	Consumption Advice	Paid Amount	Invoice Amount	Invoice Status	Due Date	Paid Status
RI003110	29/01/2021	Standard				126,630.00 A...	126,630.00 A...	Workflow appro...	29/01/2021	Fully paid

OK



**Attachment 2 – Excerpt from Western Australian Department of Environment Regulation  
CPS 7227/1 Preliminary Assessment Report dated 3 March 2017**

**Appendix 2: Assessment of suitability of proposed offset**

After taking into account the applicant's avoidance and mitigation measures, the significant residual environmental impacts to native vegetation in 'Good' or better condition identified through this assessment are:

- 16.509 hectares of black cockatoo foraging and potential nesting habitat;
- 16.509 hectares of red-tailed phascogale habitat;
- 0.32 hectares of a critically endangered TEC; and
- 16.509 hectares of significant remnant vegetation in an extensively cleared landscape.

To counterbalance the significant residual environmental impacts, the applicant proposed an offsets package that consists of a financial contribution of \$94,735 towards the purchase of 70 hectares of remnant vegetation in 'Very Good' condition to offset the significant residual impacts (GHD, 2016c).

Assessment of the suitability of the applicant's proposed offset was undertaken using the DotEE's Offset Assessment Guide. This calculation indicated that the minimum spatial offset to be achieved through land acquisition is approximately 131 hectares. The conversion of the minimum spatial offset into a monetary contribution was calculated to be \$358,968, based on the 2015 vegetated land values for a 50 hectare parcel of land within the Shire of Toodyay (\$5,160 per hectare), Shire of Goomalling (\$2,140 per hectare), Shire of Narrogin (\$2,600 per hectare) and Shire of Williams (\$2,520 per hectare).

**Table 1: Calculation of financial offset contribution**

	Local government authority	Minimum spatial offset required (ha)	Cost per hectare (\$)	Total (\$)
Toodyay-Goomalling Road reserve (6.4 hectares, of which 5.841 hectares is in 'Good' or better condition)	Shire of Toodyay (31.7 per cent of this portion of the application area)	14.69	5,160	75,800.40
	Shire of Goomalling (68.3 per cent of this portion of the application area)	31.66	2,140	67,752.40
	<b>Subtotal</b>	<b>46.35</b>		<b>\$143,552.80</b>
Pinjarra-Williams Road reserve (6.51 hectares, of which 6.333 hectares is in 'Good' or better condition)	Shire of Williams (100 per cent of this portion of the application area)	50.25	2,520	126,630.00
	<b>Subtotal</b>	<b>50.25</b>		<b>\$126,630.00</b>
Williams-Kondinin (Narrogin) Road reserve (5.25 hectares, of which 4.33 hectares is in 'Good' or better condition)	Shire of Williams (33.6 per cent of this portion of the application area)	11.56	2,520	29,131.20
	Shire of Narrogin (66.4 per cent of this portion of the application area)	22.84	2,600	59,384.00
	<b>Subtotal</b>	<b>34.4</b>		<b>\$88,515.20</b>
	<b>TOTAL</b>	<b>131</b>		<b>\$358,698.00</b>