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IMPACT FOOTPRINT ASSESSMENT OF TRACK ESTABLISHMENT ON FLAT ROCKS WIND FARM, KOJONUP WA.

Introduction

Mattiske Consulting Pty Ltd (MCPL) was commissioned June 2022 by Moonies Hill Energy Pty Ltd to undertake additional targeted survey of the proposed alignment of the tracks in areas where there were stands of trees or isolated trees within the proposed access track alignments within the facilities. The numbers for the respective photos align with the Figures 1a and 1b as attached.

Objective

The objective of this survey was to undertake a targeted survey of the proposed wind turbine cable alignment areas where it interfaces with road verges or vegetation and to prepare a report summarising the findings.

Regional Context

The Flat Rocks Wind Farm survey area is located within the Southern Jarrah Forest subregion within 5km of the border of the Avon Wheatbelt region. The Southern Jarrah Forest subregion is characterised by Jarrah forest on duricrusted plateaus and loam soils of valleys, with Marri-Wandoo woodlands on laterite-free soils (Beard 1990). Typical vegetation of the Avon Wheatbelt region includes scrub-heath on sandplains, *Acacia-Casuarina* thickets on ironstone gravels, woodlands of *Eucalyptus loxophleba*, *Eucalyptus salmonophloia* and *Eucalyptus wandoo* on varying soil types (Beard 1990). The proximity of Moonies Hill Wind Farm to the border of the Avon Wheatbelt region indicates that characteristics of both regions are likely to be present in the survey area.

Mattiske Consulting Pty Ltd was commissioned in September 2010 by Moonies Hill Energy to undertake a flora and vegetation survey of the proposed wider Flat Rocks Wind Farm. In April 2016, Mattiske Consulting Pty Ltd was commissioned by the Moonies Hill Energy to undertake a review of the flora, vegetation and fauna values on the proposed Flat Rocks Wind Farm location, and update findings from the 2010 assessment. The prepared reports MHE1001/113/2010 and MHE1601/10/16 are available. The following supplements more recent review of the track alignments through the road verges and planted stands of trees and a few localised isolated trees and areas of remnant vegetation. Every effort was made to avoid any stands of native trees and to minimize the impacts on the tree locations.

One Threatened Ecological Community is recorded to occur in the Flat Rocks Wind Farm. This is Eucalyptus Woodlands of the Western Australian Wheatbelt Critically Endangered Threatened Ecological Community (TEC) and Priority 3 (iii) Protected Ecological Community (PEC) (DBCA 2021c and DBCA 2021d)

The WA Wheatbelt Woodlands ecological community is a woodland in which the trees typically are spaced and the canopy is relatively open. The understorey is highly variable in structure and composition. There can be localised variation in vegetation structure as a consequence of disturbance, for instance fire, or change in site characteristics that allows for gaps in tree canopy cover, a higher density of trees e.g. dense sapling regrowth, or change in the nature of the understorey (DAWE 2015). The minimum patch size of woodland required is 2 hectares with a condition rating of Pristine/Excellent/Very good (DAWE 2015).

It is intended that the condition thresholds will exclude degraded patches from any requirement for protection, for instance:

- isolated paddock trees on farms;
- small or narrow stands of trees that serve as windbreaks or shelterbelts on farms and other properties; or
- roadside and other woodland remnants that are too small and narrow, or where the tree canopy has become too patchy and discontinuous (effectively <10% cover), or the understorey has lost considerable elements of its native structure and diversity (DAWE 2015).

Methods

A targeted field assessment of the flora and vegetation of the proposed alignment of the tracks through the road verges and planted stands of trees and a few localised areas of remnant vegetation. Every effort was made to avoid any stands of native trees and to minimize the impacts on the tree locations. The recent assessment was undertaken by Dr Libby Mattiske on 25th June 2022. Dr Mattiske holds a valid collection licence to collect flora for scientific purposes, issued under the Biodiversity Conservation Act 2016.

The geographic locations of the proposed alignments through areas of native trees on roadsides, planted trees and remnant vegetation are summarized on Figures 1a and 1b, and in the series of Photographs in Appendix A by reference to the details associated with each photograph. At each location discussions were held with the Flat Rocks team about means to minimize the clearing of trees and any native vegetation. The summary of these findings are provided in the following Table 1.

Results

The results for each location are summarized against the photographs as taken with associated text (Table 1 in following pages). In general terms there only a few locations where a few trees will require removal. Every effort was made to reduce the need to remove trees.

The sites can be subdivided into the following groups:

1. Sites which are in already cleared areas and hence as in agricultural areas do not require a clearing permit. In these areas the vegetation is completely degraded. These were summarized in the earlier report by Mattiske Consulting Pty Ltd (January 2022)
2. Sites which have isolated paddock trees that are exempt from clearing permits. In these areas the vegetation is completely degraded.
 - Sites 8, 9, 13, 16, 19, 22, 25, 28, 36, 37, 43, 44, 48
3. Sites which have isolated trees for structures that are exempt from clearing permits. In these areas the vegetation is completely degraded.
 - Sites 24, 38, 47
4. Sites which are located on narrow road degraded verges (generally less than 2m wide).
 - Sites 21, 33, 34, 35
5. Sites which are located in rehabilitated patches in the agricultural areas where a few planted trees may be required to be removed or pruned. In these areas the vegetation is degraded.
 - Sites 7, 17, north of 23, 39, 40, 41
6. Sites where it may require a few trees in old stock routes or road reserves that have been fenced will be crossed and as a result some trees may need to be removed. The vegetation in these areas are degraded.
 - Sites 23, 12, 17, 27, 29
7. Sites which will require several trees near a watercourse to be pruned or removed to widen access if needed. The vegetation in this area is completely degraded.
 - Site 60

In the majority of the area the understorey is dominated by introduced grasses and herbs as a result of previous agricultural activities. The main exemption relates to the few patches of planted trees in rehabilitation areas or through the fenced old stock routes and road reserves.

None of the inspected sites occur within native vegetation that align with the Threatened Ecological Community (Eucalyptus Woodlands of the Western Australian Wheatbelt Critically Endangered Threatened Ecological Community (TEC)).

Discussion and Conclusion

No conservation flora species or ecological communities will be impacted by these activities. Whilst fauna activity was limited, the majority was related to the potential for occasional foraging by bird species.

Regulation 5 Item 19 states that Clearing of a tree on a property that is in an otherwise cleared area on the property and is more than 50 metres from any other native vegetation, being vegetation which does not, together with all other limited clearing carried out on the property in the financial year in which the clearing takes place, exceed five hectares (DWER 2019). None of the proposed track alignments meet this criteria and the areas supporting denser trees are largely road reserves or rehabilitation areas planted with a variety of species.

Dr Libby Mattiske

Mattiske Consulting Pty Ltd



Figure 1a: Summary of Location References to align with the Photographs in Appendix A



Figure 1b: Summary of Location References to align with the Photographs in Appendix A

References

Beard, J.S. (1990)

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Department of Agriculture Water and the Environment 2015

Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)

Approved Conservation Advice (including listing advice) for the Eucalypt Woodlands of the Western Australian Wheatbelt

<<https://www.awe.gov.au/sites/default/files/documents/guide-eucalypt-woodlands-wa-wheatbelt.pdf>>

Department of Agriculture, Water and the Environment (2021b)

EPBC Act List of Threatened Ecological Communities. Accessed 10th December 2021.

<<http://www.environment.gov.au/cgi-bin/sprat/public/publiclookupcommunities.pl>>

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List of Threatened Ecological Communities (TEC's) endorsed by the Minister for the Environment, 28th June 2018. Accessed 10th December 2021. <https://www.dpaw.wa.gov.au/images/plants-animals/threatened-species/threatened_ecological_communities_endorsed_by_the_minister_for_the_environment_june_2018.pdf>

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A guide to the exemptions and regulations for clearing native vegetation. Accessed 10th December 2021

< <https://www.der.wa.gov.au/images/documents/your-environment/native-vegetation/Guidelines/A%20guide%20to%20the%20exemptions%20and%20regulations%20for%20clearing%20native%20vegetation.pdf>>

Mattiske Consulting Pty Ltd (2010)

Flora, Vegetation and Fauna assessment of the Flat Rocks Wind Farm survey area. Unpublished report prepared for Moonies Hill Energy Property Limited, November 2010.

Mattiske Consulting Pty Ltd (2016)



Flora, Vegetation and Fauna assessment of the Flat Rocks Wind Farm survey area. Unpublished report prepared for Moonies Hill Energy Property Limited, April 2016.



Mattiske Consulting Pty Ltd (2022)


Flora, Vegetation and Fauna assessment of the Flat Rocks Wind Farm survey area. Unpublished report prepared for Moonies Hill Energy Property Limited January 2022.



Western Australian Herbarium 1998-2021, *FloraBase – the Western Australian Flora*, Department of Parks and Wildlife. Available from: <https://florabase.dpaw.wa.gov.au>. 10 Dec. 21.


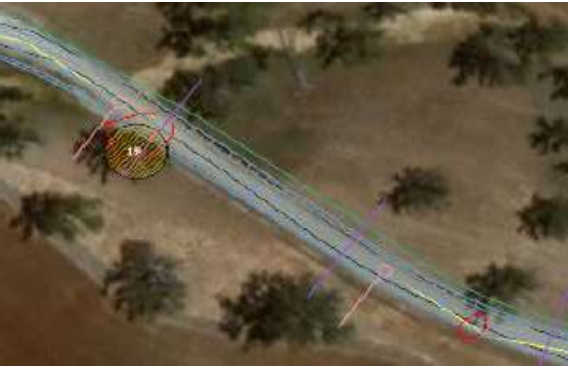
Table 1: Clearing sites identified by Umwelt and Enel Green Power and Photographs with assessments by Mattiske June 2022


	Actions
	<p>Site 7</p> <p>Clear (permit required)</p>
Photograph June 2022 (Mattiske)	Mattiske Summary
	<p>Site 7: This area supported a series of planted trees and as such only several planted trees will be impacted by widening the access track to the left of the trees in the photograph.</p> <p>Located at: Easting 532399 : Northing 6244887</p> <p>Looking west to northwest over corner of a strip of planted trees of <i>Eucalyptus</i> species (including <i>Eucalyptus rudis</i> and <i>Eucalyptus wandoo</i>), planted shrubs and introduced grasses and herbs. These trees are surrounded by paddocks that have been actively used for agricultural purposes.</p> <p>No sign of native fauna activity, although birds may forage at times.</p>



		Actions
	<p>Site 8</p> <p>Clear (Exempt)</p>	
	<p>Site 9</p> <p>Clear (Exempt – isolated paddock tree)</p>	
<p>No Photograph Taken by Mattiske in June 2022 as clearing is exempt as isolated paddock trees.</p>	<p>No inspection of Sites 8 and 9 undertaken as clearing is exempt as isolated paddock trees. Assessed in December 2021 by Mattiske Consulting Pty Ltd (January 2022)</p>	

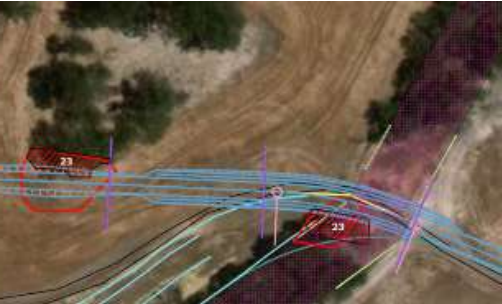

	Actions
	<p>Site 13</p> <p>Clear (Exempt – isolated paddock tree)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
<p>No Photograph Taken by Mattiske in June 2022 as clearing is exempt as isolated paddock trees.</p>	<p>No inspection of Site 13 undertaken as clearing is exempt as isolated paddock trees (see isolated tree in paddock beyond fence next to track). Assessed in December 2021 (Mattiske Consulting Pty Ltd January 2022).</p> <p>Located at: Easting 532354 : Northing 6246175</p>

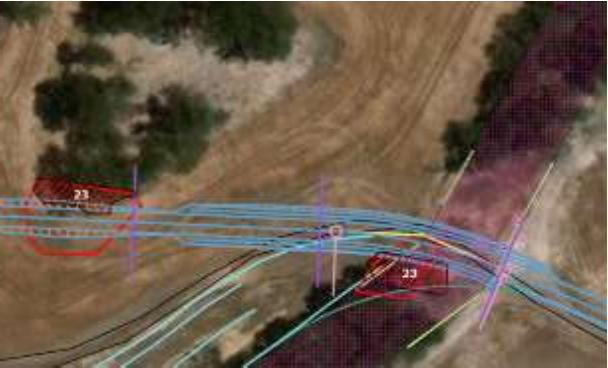

	Actions
	<p>Site 16 & 17</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 16: This area supported an isolated Marri (<i>Corymbia calophylla</i>) tree in a paddock and should be exempt from clearing application as isolated paddock tree.</p> <p>Located at: Easting 531879 : Northing 6246358</p> <p>No sign of native fauna activity, although birds may forage at times. No obvious hollow or nesting activity in the tree.</p>


	Actions
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 17: This area supported an isolated Wandoo tree that has been planted on the edge of the paddock near the gate. This will only entail the removal of one planted tree.</p> <p>Located at: Easting 531793 : Northing 6246373</p> <p>Looking to planted <i>Eucalyptus wandoo</i> over introduced grasses and herbs in the paddocks that have been actively used for agricultural purposes.</p> <p>No sign of native fauna activity, although birds may forage at times.</p>
	<p>Site 19</p> <p>Clear (permit required)</p>


	Actions
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 19: This area supported isolated Flooded trees and a patch of Juncus that occurs on the fringes of the track in a moist to damp section of the track. Several Melaleuca trees also occur on the fringes of the Juncus. The majority of the understorey consists of introduced grasses and herbs due to agricultural activities in the area.</p> <p>Located at: Easting 532309 : Northing 6246300</p> <p>No sign of native fauna activity, although birds may forage at times.</p>


	Actions
	<p>Site 21 & 22</p> <p>21 – Clear (permit required)</p> <p>22 – Clear (Exempt; structure or isolated paddock tree)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
<p>No Photograph Taken by Mattiske in June 2022 as clearing is exempt as isolated paddock trees.</p>	<p>No inspection of site 22 undertaken as tree occurs as paddock trees. See earlier assessment in December 2021 (Mattiske Consulting Pty Ltd, January 2022).</p>
	<p>Site 21: This area supports 3 Wandoo and 1 Jarrah tree on narrow road verge (<2m wide) over understorey of introduced grasses and herbs due to agricultural activities in the area. Trees relatively immature and some coppicing.</p> <p>Located at: Easting 532770 : Northing 6240436</p> <p>No sign of native fauna activity, although birds may forage at times.</p>

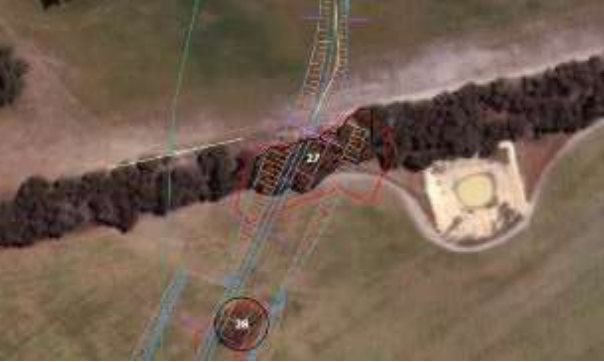
	Actions
	<p>Site 23</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 23: This area supports stands of Wandoo either side of the gate in the centre of the photograph. These trees occur on a historical stock route/road reserve that is fenced along most of the alignment. The access track is intended to pass through the area near the current gate and at the most the single Wandoo which occurs as a separated tree from the other trees may need to be removed. The following photos occur on the fringes of a Canola crop with several pockets of Eucalyptus wandoo on low ridges, with the potential need to possibly clear a few trees on the edges of the patches of Wandoo.</p> <p>Located at: Easting 531512: Northing 6240909</p> <p>No sign of native fauna activity, although birds forage at times. And the stands of trees in the fenced off stock route provide shelter for smaller ground dwelling animals.</p>

	Actions
	<p>Site 23</p>
	<p>The photo to the left was taken just north of Site 23 on the fringes of a Canola crop with several pockets of Eucalyptus wandoo on low ridges, with the potential need to possibly clear a few trees on the edges of the patches of Wandoo (in the foreground of the photo and a few trees on the western fringe of the patch of Wandoos in the background of the photo).</p> <p>Located at: Easting 531510 : Northing 6240949</p> <p>No sign of native fauna activity, although birds forage at times. Note some outcropping and patchy open trees of Wandoo over introduced species and herbs.</p>


	Actions
	<p>Site 24</p> <p>Clear (exempt – structure)</p>


	Actions
	Mattiske Summary
	<p>Site 24: This area occurs west of Site 23 in the previous photograph. This area supports several isolated paddock trees and will support structures in the current agricultural paddock.</p> <p>Located west of Site 23.</p> <p>Clearing for necessary structures are exempt.</p>

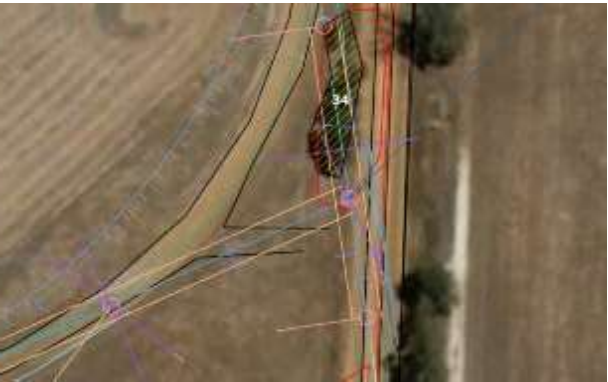

	Actions
 <p>The photograph shows an aerial view of a rural landscape. A road or path runs vertically on the left side. A tree is circled in red and labeled '25'. The surrounding area is a mix of green grass and brownish soil, with some other trees visible in the distance.</p>	<p>Site 25</p> <p>Clear (Exempt – isolated paddock tree)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
<p>No photograph taken.</p>	<p>Site 25: This is an isolated paddock trees over introduced grasses and herbs in current agricultural paddock.</p> <p>Clearing is exempt for isolated paddock tree.</p>



	Actions
	<p>Site 27 & 28</p> <p>28: Clear (exempt – isolated paddock tree)</p> <p>27: Clear (Permit required – Road reserve)</p> <p>Note – 27 is a council road reserve, include in permit from council</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
<p>No photograph taken.</p>	<p>Site 27: occurs as narrow band of Wandoo trees with introduced grass and herb species in understorey. Degraded in condition, may provide some foraging by fauna occasionally.</p> <p>Site 28: This is an isolated paddock trees over introduced grasses and herbs in current agricultural paddock.</p> <p>Clearing is exempt for isolated paddock tree.</p> <p>Site 27: Permit will be required from Council as Road reserve.</p>



	Actions
	<p>Site 29</p> <p>Clear (permit required – road reserve)</p> <p>Note – same road reserve as 27 above. Need to include in permit from council.</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 29: In this area the old stock route/road reserve has been fenced and supports stands of Jarrah and Wandoo in the main. There are several sections of the road reserve that occur in this area that could be crossed with minimal impacts to the trees and understorey. There is an occasional <i>Xanthorrhoea</i> (grass tree), a few Jams (<i>Acacia acuminata</i>) <i>Lomandra</i> plants but generally the native understorey is absent.</p> <p>Clearing should be located in the more open areas to the north of the dam and wetter soils in the paddock to the east. There is a few gaps and one area supporting a dead Jarrah tree that could be removed. Permit will be required from Council as Road reserve.</p> <p>Located at: Easting 529808 : Northing 6239951</p>

	Actions
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
 <p>The photograph shows a landscape with several trees. One prominent tree in the center is dead, with bare, dark branches reaching upwards against a clear blue sky. To its left and right are other trees with green and yellowish foliage. The ground is covered with a mix of green grass and brown, dry vegetation. A wooden fence post is visible in the foreground on the left side.</p>	<p>Site 29: Photograph of dead Jarrah near more open area with Jam (<i>Acacia acuminata</i>) over introduced grasses and herbs on old stock route/road reserve.</p>

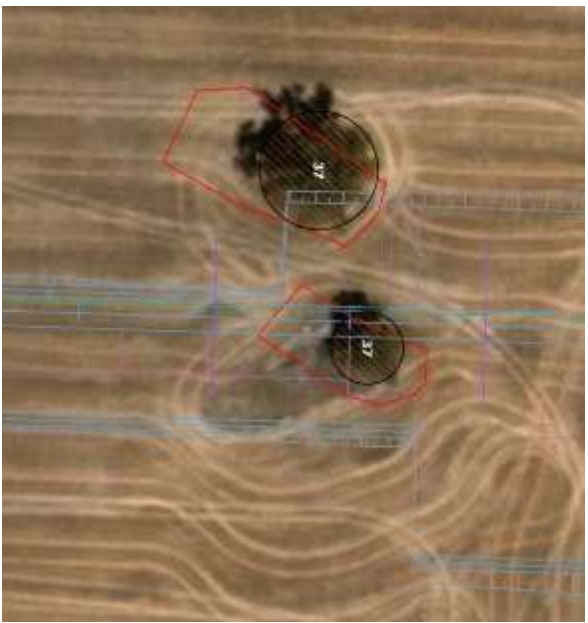
	Actions
	<p>Site 33</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 33: Looking south from Site 33 in open area south of the few Jarrah trees on the fringes of the road within the narrow (<2m) road verge. There are a few Jarrah trees that may require removal within the eastern road verge. The remainder the vegetation consists of introduced grasses and herbs in degraded road verges.</p> <p>Located at: Easting 533365 : Northing 6238820</p> <p>No sign of native fauna activity, although birds may forage at times.</p>

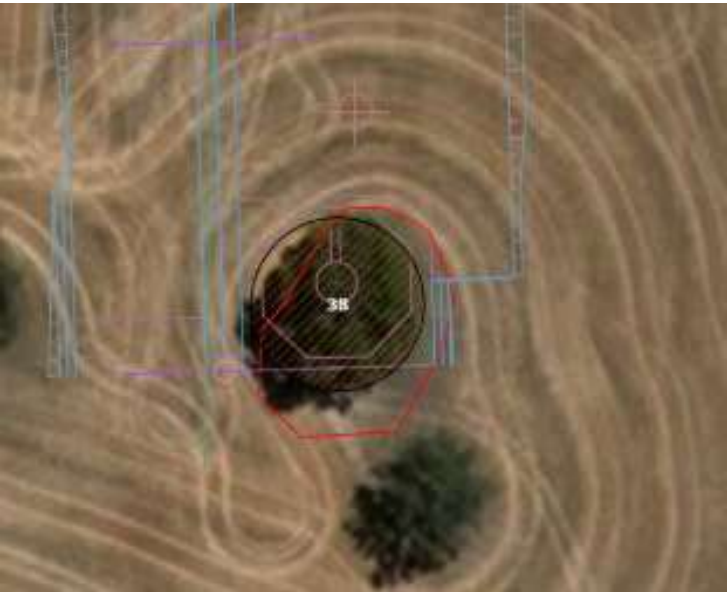
	Actions
	<p>Site 34</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 34: Looking north in open area with a few Jarrah trees on the fringes of the road within the narrow (<2m) road verge. There are a few Jarrah trees that may require removal within the eastern road verge. The remainder the vegetation consists of introduced grasses and herbs in degraded road verges.</p> <p>Located at: Easting 533365 : Northing 6238820</p> <p>No sign of native fauna activity, although birds may forage at times.</p>

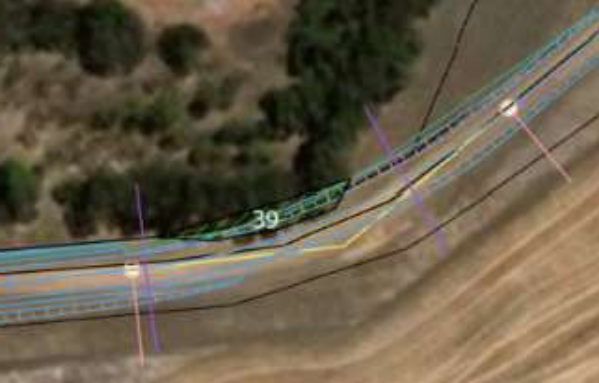

	Actions
	<p>Site 35</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 35: Looking north in open area with a few Jarrah and Marri trees on the fringes of the road within the narrow (<2m) road verge. There are a few trees that may require removal within the eastern road verge. The remainder the vegetation consists of introduced grasses and herbs in degraded road verges. The trees on the northern section of the photograph beyond Site 34 are associated with Site 35.</p> <p>Located at: Easting 533368 : Northing 6238889</p> <p>No sign of native fauna activity, although birds may forage at times.</p>

Actions	
<p>Site 36</p> <p>Clear (permit required)</p>	<p>Mattiske Summary</p> <p>Site 36: Looking west into a few isolated paddock trees over pasture. The trees occur as several isolated paddock trees and therefore should be exempt from clearing permits. It should be feasible to avoid these trees through as small design change.</p> <p>Located at: Easting 533300 : Northing 6238820</p> <p>No sign of native fauna activity, although birds may forage at times.</p>
<p>Photograph June 2022 (Mattiske)</p>	 


Actions	
<p>Photograph June 2022 (Mattiske)</p> <p>No Photograph Taken by Mattiske in June 2022.</p>	<p>Site 37</p> <p>Clear (exempt – structure and isolated paddock trees)</p> <p>Mattiske Summary</p> <p>No inspection undertaken as clearing is exempt for isolated paddock trees. See earlier assessment in December 2021 (Mattiske Consulting Pty Ltd, January 2022).</p>






	Actions
	<p>Site 38</p> <p>Clear (exempt – structure)</p>
Photograph June 2022 (Mattiske)	Mattiske Summary
No Photograph Taken by Mattiske in June 2022.	No inspection undertaken as clearing is exempt for isolated paddock trees and structures. See earlier assessment in December 2021 (Mattiske Consulting Pty Ltd, January 2022).

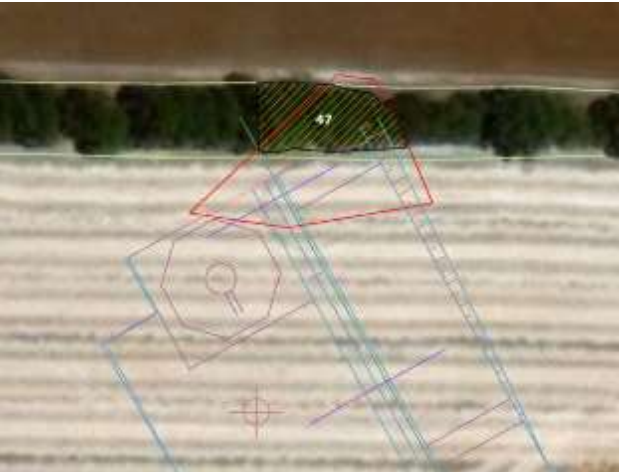
	Actions
	<p>Site 39</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 39: There is a need to clear some of the planted trees in the rehabilitation area to enable a straightening of the track. There is a mixture of <i>Eucalyptus wandoo</i>, Jam (<i>Acacia acuminata</i>), <i>Melaleuca raphiophylla</i> over introduced grasses and herbs. Possibly 15 planted trees and some 20 saplings.</p> <p>Located at: Easting 533697 : Northing 6238583</p> <p>No sign of native fauna activity, although birds may forage at times.</p>


	Actions
	<p>Site 40 & 41</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 40: There is a need to clear some of the planted trees in the rehabilitation area to enable a straightening of the track. There is a mixture of planted Eucalypts, <i>Eucalyptus rudis</i>, <i>Melaleuca raphiophylla</i> and <i>Acacia acuminata</i> over introduced grasses and herbs. Possibly 15 planted trees and some 20 saplings.</p> <p>Located at: Easting 532265 : Northing 6238472</p> <p>No sign of native fauna activity, although birds may forage at times.</p>



	Actions
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 41: There is a need to clear some of the planted trees in the rehabilitation area to enable a straightening of the track. There is a mixture of planted <i>Melaleuca raphiophylla</i> and <i>Acacia acuminata</i> over introduced grasses and herbs. Possibly 15 to 20 trees.</p> <p>Located at: Easting 532485 : Northing 6238545</p> <p>No sign of native fauna activity, although birds may forage at times.</p> <p>There is a commitment to re-plant trees along this local watercourse where there is no planned disturbance.</p>

	Actions
	<p>Site 43</p> <p>Clear (permit required)</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 43: There is a need to clear a gnarled old tree of <i>Eucalyptus rudis</i> in the alignment. This tree occurs as an isolated paddock tree. The tree also occurs in an area with exposed outcropping which may influence the alignment. There may also be a need to prune several branches on the adjacent larger trees which should not impact the condition of these trees.</p> <p>Located at: Easting 532218 : Northing 6238151</p> <p>No sign of native fauna activity, although birds may forage at times.</p>

	Actions
	<p>Site 44</p> <p>Clear (exempt – isolated paddock tree).</p>
Photograph June 2022 (Mattiske)	Mattiske Summary
No Photograph Taken by Mattiske in June 2022.	No inspection undertaken as clearing is exempt for isolated paddock trees and structures. See earlier assessment in December 2021 (Mattiske Consulting Pty Ltd, January 2022).

		Actions
	<p>Site 47</p> <p>Clear (clearing permit exemption).</p>	
Photograph June 2022 (Mattiske)	Mattiske Summary	
<p>No Photograph taken by Mattiske in June 2022.</p>	<p>No inspection undertaken as clearing is exempt for structures.</p> <p>See earlier assessment in December 2021 (Mattiske Consulting Pty Ltd, January 2022).</p>	

	Actions
	<p>Site 48</p> <p>Clear (exempt – isolated paddock tree, access track).</p>
Photograph June 2022 (Mattiske)	Mattiske Summary
<p>No Photograph Taken by Mattiske in June 2022.</p>	<p>No inspection undertaken as clearing is exempt for isolated paddock trees and structures. See earlier assessment in December 2021 (Mattiske Consulting Pty Ltd, January 2022).</p>

	Actions
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 55/60</p> <p>Ground-truth vegetation extent and determine need for clearing, as a cleared area is immediately to west.</p>
<p>Photograph June 2022 (Mattiske)</p>	<p>Mattiske Summary</p>
	<p>Site 55/60</p> <p>The alignment occurs on the western side across the creek line.</p> <p>Only a couple of trees of <i>Eucalyptus rudis</i> and <i>Acacia acuminata</i> will require removal. The area is degraded and the understorey is dominated introduced grasses and herbs.</p> <p>Located at: Easting 528942 : Northing 6236492</p> <p>No sign of native fauna activity, although birds may forage at times.</p>