Aarons Pass Road Vegetation Clearing - Final Report

Zenviron Pty Ltd





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Template 2.8.1

Executive Summary

Eco Logical Australia Pty Ltd (ELA) was engaged by Zenviron Pty Ltd (Zenviron) to undertake pre-clearing surveys and provide ecological supervision for vegetation clearing associated with the widening and realignment works of the Aarons Pass Road (APR) upgrade (the works). The works are required to facilitate the movement of turbines, associated infrastructure and access for operation of the Crudine Ridge Wind Farm (CRWF).

Consolidated Development Consent SSD-6697 MOD 1 was issued for the CRWF in June 2019, following approval of a Modification to include impacts along APR for the works. Condition 19 of the Development Consent provides clearing limits of native vegetation, based on detailed ecological surveys and vegetation mapping undertaken for the Modification:

- PCT 277 Blakely's Red Gum Yellow Box grassy woodland of the NSW South Western Slopes Bioregion (0.95 ha permitted to be cleared).
- PCT 290 Red Stringybark Red Box Long-leaved Box-Inland Scribbly Gum tussock grass shrub low open forest on hills in the southern part of the NSW South Western Slopes Bioregion (5.64 ha permitted to be cleared).

The CRWF Biodiversity Management Plan (BMP; ELA 2019) was amended following approval of the Development Consent to include management and mitigation measures to ensure clearing of native vegetation is undertaken in accordance with the area limits prescribed by the Development Consent.

These included establishing a detailed design, achieved through ecological pre-clearing surveys to clearly delineate the extent of native vegetation, in coordination with a qualified civil survey of the works. Qualified ecological supervision of vegetation clearing, focused on habitat trees to actively manage and minimise impacts to native fauna, was implemented under the BMP.

From August 2019 through to February 2020 ELA ecologists completed pre-clearing surveys with Zenviron contracted surveyors to implement the pre-clearing requirements of the BMP. Methods included:

- detailed survey on foot to mark out the extent of all native vegetation with flagging tape, which was then surveyed in conjunction with the detailed works design footprint
- installation of demarcation barriers to delineate the civil works area from 'no-go' zones
- marking of habitat trees to inform the clearing supervision requirements
- marking of priority weeds

marking of threatened flora within the civil works area and within 2 m of the construction area so that individuals outside the civil works were not inadvertently impacted.

Vegetation clearing was undertaken as a two-phase process:

1. Phase 1 - Following pre-clearing inspections, clearing of understory vegetation and non-habitat trees was completed.

 Phase 2 – Clearing of habitat trees, and pruning of vegetation which didn't require full clearing. Phase 2 was undertaken under the supervision of ELA qualified personnel to actively manage any impacted fauna.

Clearing was undertaken within the boundaries determined through the pre-clearing inspections, or further minimised where possible. A total of 360 habitat trees were felled resulting in the relocation of 50 individual animals, including 21 *Petaurus breviceps* (Sugar Glider), 17 possums (both *Trichosurus vulpecula* [Common Brushtail Possum] and *Pseudocheirus peregrinus* [Common Ringtail Possum]), birds, and reptiles. No threatened fauna were observed within the works area. Large woody debris was retained where possible in the surrounding road reserve. Each day of clearing supervision was concluded with a walk-down of the area cleared to ensure vegetation clearing was restricted to the marked area.

To track compliance, a Clearance Chainage Table was developed to progressively record pre-clearing and clearing inspections, which was dated and signed daily. Detailed design vegetation mapping was produced by Zenviron's contracted surveyors following completion of Phase 1 and Phase 2 to ensure the amount of vegetation cleared was within the clearing limits.

Prior to the over-size over-mass (OSOM) deliveries commenced on site, it was determined that further detailed pruning and removal of select vegetation was required. Pruning and removal occurred in early June 2020 along APR, where blade sweep had potential to impact vegetation. This clearing was undertaken within the approved vegetation clearing limits and was subject to the management measures prescribed within the BMP. A final ecological inspection of APR was undertaken on the 20 August 2020.

The total area of each vegetation community cleared was as follows:

- PCT 277 0.56 ha cleared (of 0.95 ha permitted)
- PCT 290 4.86 ha cleared (of 5.64 ha permitted).

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1. Introduction

Eco Logical Australia Pty Ltd (ELA) was engaged by Zenviron Pty Ltd (Zenviron) to undertake pre-clearing surveys and provide ecological supervision for vegetation clearing associated with the widening and realignment works of the Aarons Pass Road (APR) upgrade (the works). The works are required to facilitate the movement of wind turbine generators (WTG), associated infrastructure and access for operation of the Crudine Ridge Wind Farm (CRWF).

APR is located approximately 45 km south of Mudgee in Central West NSW, off the Castlereagh Highway. The works will consist of upgrading approximately 20 km of road, which is bounded by a narrow linear strip of native vegetation along both sides of the road, ranging from 5 to 10 m wide in some sections down to only 1 to 2 m wide within the existing road reserve. The works area is adjoined by neighbouring properties that are used for sheep and cattle grazing and have a history of pasture improvement.

The area of vegetation clearing required for the works includes the detailed road design, civil works required for the road construction, and the blade swept path which includes overhang and swing potentially impacting upon vegetation, particularly on corners and bends. Vegetation within the blade swept path requires vegetation to be pruned to be below 3 m, not totally removed. However, these areas were added to the total areas of impact as a conservative measure.

Clearing works were undertaken in two phases:

- 1. Phase 1 broad vegetation clearing of understory vegetation and non-habitat trees
- Phase 2 clearing of habitat trees, and pruning of vegetation which didn't require full clearing. Phase
 2 was undertaken under the supervision of ELA qualified personnel to actively manage any impacted fauna.

Further detailed pruning and removal of select vegetation was undertaken after the over-size over-mass (OSOM) deliveries commenced on site. This occurred at areas along the alignment, particularly where blade sweep has potential to impact on vegetation. The results from these works are included in this report.

APR was subject to previous ecological assessments by ELA in 2013 and 2019 for the CRWF Project Approval (PA; SSD-6697) and the Modification to the PA (SSD-6697 MOD 1). Detailed vegetation mapping, fauna and habitat assessments were completed for the entirety of the works as part of the Biodiversity Development Assessment Report (BDAR, ELA 2019) submitted for the Modification to the PA (SSD-6697 MOD 1). Vegetation mapping identified approximately 6.59 ha of native vegetation assigned to two Plant Community Types (PCT) within the impact area:

- 1. PCT 277 Blakely's Red Gum Yellow Box grassy woodland of the NSW South Western Slopes Bioregion (0.95 ha).
- 2. PCT 290 Red Stringybark Red Box Long-leaved Box-Inland Scribbly Gum tussock grass shrub low open forest on hills in the southern part of the NSW South Western Slopes Bioregion (5.64 ha).

Two threatened plant species were identified and confirmed during the assessments, both listed as Endangered under the NSW *Biodiversity Conservation Act 2016* (BC Act) and the Commonwealth Environment *Protection and Biodiversity Conservation Act 1999* (EPBC Act):

- Acacia meiantha
- Pomaderris cotoneaster (Cotoneaster Pomaderris).

Three threatened woodland birds were also identified, all listed as vulnerable under the BC Act:

- Artamus cyanopterus cyanopterus (Dusky Woodswallow)
- Daphoenositta chrysoptera (Varied Sittella)
- Petroica boodang (Scarlet Robin).

Suitable potential habitat was determined to be present for koalas, Glossy black cockatoos, Powerful Owls, and Masked Owls due to the presence of large hollows and koala feed tree species. However, no individuals of these species were observed within the construction area. The road upgrade would result in potential impacts through the removal of vegetation and threatened species habitat including the loss of habitat trees.

1.1 Approved clearing limits

Consolidated Development Consent SSD-6697 MOD 1 was issued for the CRWF in June 2019, following approval of a Modification to include impacts along APR for the works. Condition 19 of the Development Consent provides clearing limits of native vegetation, based on the detailed ecological surveys and vegetation mapping undertaken for the Modification:

- PCT 277 Blakely's Red Gum Yellow Box grassy woodland of the NSW South Western Slopes Bioregion (0.95 ha permitted to be cleared).
- PCT 290 Red Stringybark Red Box Long-leaved Box-Inland Scribbly Gum tussock grass shrub low open forest on hills in the southern part of the NSW South Western Slopes Bioregion (5.64 ha permitted to be cleared).

The CRWF Biodiversity Management Plan (BMP) (ELA 2019a) was amended following approval of the SSD-6697 to include management and mitigation measures to ensure clearing of native vegetation is undertaken in accordance with the area limits prescribed, including:

- identifying vegetation clearance boundaries through detailed design and mapping
- demarcation of the disturbance corridor by a qualified surveyor working with ecologists to mark out vegetation
- pre-clearing inspections to mark out hollow-bearing trees and the locations of threatened flora to be removed or retained
- vegetation clearance protocol to minimise and actively manage impacts to threatened flora and fauna
- daily walkdown to verify clearing activities and completion of a Clearance Chainage Table to progressively record the number of hollow-bearing trees cleared and area of vegetation cleared.

Sections of the BMP specifically relating to the management of vegetation along APR are detailed in:

- Section 4.2 Pre-clearance procedures
 - 4.2.2 Pre-clearance procedures Aarons Pass Road
- Section 4.3 Threatened flora management strategies
 - Acacia meiantha and Pomaderris cotoneaster
- Section 4.4 Minimising impacts to fauna
 - Fauna active management protocols
 - Fauna capture and release
- Section 4.5 Vegetation Clearance Procedures
 - Section 4.5.1 Vegetation clearance procedures Aarons Pass Road
- Section 5.1 Construction Environmental Monitoring
 - o Section 5.1.1 Aarons Pass Road Environmental Monitoring

From July 2019 through to February 2020, ELA ecologists were engaged to work with on-ground Zenviron contracted surveyors and tree clearing contractors to implement the pre-clearing inspection and clearing supervision requirements of the BMP. To achieve this, a four-step field process was implemented:

- 1. Detailed survey on foot to mark out the extent of native vegetation with flagging tape which was then surveyed in conjunction with the detailed works design footprint. A demarcation barrier was installed to delineate the civil works area from 'no-go' zones.
- 2. Pre-clearance survey to determine the location of habitat trees (trees with nests or hollows), threatened species, large woody debris and weeds.
- 3. Phase 1 Clearing of non-habitat vegetation.
- 4. Phase 2 Clearing of habitat trees.

Each step is detailed further in the sections below.

Minor additional select vegetation clearing was required to facilitate passage of the OSOM haulage vehicles, which included lopping of large tree limbs and select vegetation removal. This vegetation clearing was undertaken from June to August 2020 within the approved vegetation clearing limits and was subject to the management measures prescribed within the BMP. An ELA ecologist was present to supervise habitat tree clearing and clearing being undertaken near *Acacia meiantha* and *Pomaderris cotoneaster* to ensure the tree clearing contractors were aware of the location of the threatened species and dropped limbs did not impact upon the species. A final ecological inspection was undertaken on 20 August 2020, with the results of the select vegetation clearing/pruning detailed in **Section 7** of this report.

2. Native vegetation extent

From July 2019 ELA ecologists were engaged to mark out the extent of native vegetation in the APR disturbance corridor using flagging tape, in coordination with a qualified surveyor to accurately map the area of native vegetation to be cleared. Surveyor pegs were placed to mark the boundary of the civil works area, the blade swept path and the native vegetation. A temporary fence made of star posts and tape was erected as a demarcation barrier to delineate the civil works area from the native vegetation "no go zones". This provided a visual barrier for the machinery operators and clearly established the boundaries to ensure impacts to native vegetation were only confined to that within the civil construction works area.

3. Pre-clearing survey

Following installation of the demarcation barrier, ELA ecologists undertook pre-clearing surveys, traversing the area to be cleared on foot to identify and mark with flagging tape:

- habitat trees
- threatened species
- priority weeds
- large woody debris for retention.

Habitat trees are trees within the landscape that are used by fauna for nesting or roosting sites and either contain hollows, cracks or crevices. It is often difficult to determine whether a hollow exists whilst examining the tree from the ground. Therefore, ELA ecologists used a precautionary approach and all trees that either had hollows or potentially contained hollows within the disturbance corridor were marked with green tape.

Habitat resources that could be salvaged, such as large woody debris, were identified to be retained on site where possible.

Pre-clearing surveys were undertaken in 100 m sections (chainage) of the disturbance corridor between 24 July and 8 October 2019 (Table 1). Pre-clearing inspections, including the number of habitat trees, were recorded in a Clearance Chainage Table (**Appendix A**).

Table 1: Pre-clearing	survey dates
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Chainage	Date
0-1600	02-Sep-19
1700-1800	19-Sep-19
1800-1900	16-Aug-19
2000-4100	15-Aug-19
4200-5200	19-Aug-19

Chainage	Date
5300-5800	24 July- 19
5900-7700	21-Aug-19
7800-8800	06-Sep-19
8900-10500	10-Sep-19
10600-10700	13-Sep-19
10800-12100	16-Sep-19
12200-12600	23-Sep-19
12700 - 13400	16-Sep-19
13500-15000	15-Aug-19
15100-16500	08-Oct-19
16600- 18100	04-Oct-19
18200 - 20000	02-Oct-19

3.1 Management of threatened flora

Acacia meiantha and Pomaderris cotoneaster were identified in the disturbance corridor between chainages 12,800 – 15,600. The BDAR for the works identified 59 *A. meiantha* and one *P. cotoneaster* were likely to be impacted by the works and approved by the Development Consent and associated biodiversity offsets. Individuals of each species were identified and marked within the detailed survey design, including any individuals within 2 m of the construction zone so that tree felling contractors were aware of their location to avoid inadvertent damage.

A translocation plan was prepared and implemented for *A. meiantha* in July 2019, with 47 individuals removed off site and established in a local nursery. In addition, 106 cuttings were taken. Five (5) *A. meiantha* and one *P. cotoneaster* were left in-situ as they were not deemed suitable for translocation as they were in already in poor condition prior to vegetation clearing.

During construction, pre-clearing surveys identified a further 40 individuals *Acacia meiantha* within the civil works area. Many of these individuals were juvenile suckers which emerged since the September 2018 targeted flora field surveys. Section 4.3 of the BMP details measures to be implemented for impacts to threatened flora:

- If the detailed design process identifies potential for unavoidable impacts to threatened species, a Significance Assessment will be undertaken by a qualified ecologist.
- If the Significance Assessment identifies a significant impact is likely, management recommendations will be defined and communicated with DPIE to seek authorisation to proceed.

ELA undertook a significance assessment in accordance with Section 7.3 of the BC Act and the National Environmental Significance – *Significance impact guidelines 1.1* under the EPBC Act. The assessment concluded that significant impacts would not occur to *Acacia meiantha* and the loss of approximately 40 additional individuals will not reduce the long-term survival of the local population. Evidence of new individuals emerging since the targeted flora surveys in September 2018 indicates that the landscape

can support fluctuations in the *A. meiantha* population along APR. Further, early findings on the success of the translocation plan are positive, and there are indications that disturbance activities may provide a benefit to the growth of the species.

As per the *A. meiantha* translocation plan (ELA 2019b) a re-translocation site was selected along APR, near to where the current population of *A. meiantha* is located. This ensured that all biotic and abiotic requirements were similar to the original site. An area near the corner of Perke Road was selected as some of the individuals were collected nearby, the road reserve was wide to reduce impacts of associated edge effects and there are currently individuals still within this area of the road reserve. On 26 May 2020 the 13 surviving plants were collected from the nursery, watered and replanted into the field. Recent rains along APR had created ideal conditions for planting with medium to high subsoil moisture levels. All plants were healthy with abundant new growth. These plants will be monitored over the next 12 months, taking notes of health, flowering, presence of buds, as well as any potential threats.

4. Phase 1 - Broad vegetation clearing

Phase 1 vegetation clearing included the removal of understory (excluding threatened species) and nonhabitat trees to encourage fauna that may be using the available habitat to self-relocate (see CRWF BMP section 4.4). To ensure compliance, ELA ecologists conducted walk down inspections of cleared areas to ensure clearing was confined to the detailed design, recorded in the Clearance Chainage Table (**Appendix A**).

5. Phase 2 - Clearing of habitat trees

Phase 2 vegetation clearing involved the felling of habitat trees. Phase 2 clearing was undertaken under the supervision of ELA to ensure impacts to resident fauna were minimised. Prior to felling, habitat trees were examined for signs of fauna occupation, including nests. Where available, a crane lift was used to inspect hollows for signs of occupancy.

Habitat trees were nudged by machinery and then monitored for three minutes to observe for signs of movement. Where possible the trees were slowly pushed to the ground to minimise impact. Trees were inspected on the ground and trunks were broken apart using chainsaws to allow for further inspection. A total of 358 habitat trees were felled within the civil works area and an additional two habitat trees were removed within the blade swept path, after the OSOM haulage vehicles commenced deliveries to the CRWF.

The number of habitat trees felled, and any fauna identified were recorded in the Clearance Chainage Table (**Appendix A**). A short report was prepared by ELA at the end of each week, stating the chainage, number of habitat trees felled, and details of any active fauna management. This is summarised below in Table 2.

Date of	Chainage	No. of habitat trees	Comments		
Phase 2 clearing					
30 Aug 2019	2200-2800	3	No fauna 1 Brushtail possum. 1 Peron's tree-frog		
06 Sept	3100-5500	37			
13 Sept	200-1300	10	No fauna		
13 Sept	4600-4900	3	1 Sugar glider; 1 tree skink 1 Barn owl		
20 Sept	1400-1500	1			
18 Oct	19,400-20,200	23	2 Brushtail possums; 5 Sugar gliders		
25-Oct	18900-19400	7	No fauna		
25-Oct	15900-16600	27	No fauna		
01-Nov	5700-6300	15	No fauna		
01-Nov	16800-16900	3	1 Ringtail possum. 1 microbat		
01-Nov	17700-18900	13	1 Galah		
08-Nov	6500-7100	12	2 Ringtail possums. 4 microbats. 1 Brushtail possum. 3 Sugar gliders		
08-Nov	12300-15500	54	1 Peron's tree-frog. 2 Ringtail possums. 2 Sugar gliders		
22-Nov	7400-8700	69	4 Brushtail possums. 10 Sugar gliders. 1 tree skink.		
06-Dec	8700-9600	20	1 Owlet nightjar. 1 Ringtail possum.		
13-Dec	10000-10300	9	1 Ringtail possum.		
20-Dec	10300-10600	8	No fauna		
10-Jan 2020	10600-11600	20	1 Brushtail possum.		
17-Jan	11700-12150	19	1 Ringtail possum.		
14-Feb	12800-13600	5	No fauna		
10 th June	3700-3800	1	No fauna		
11 th June	10750-10800	1	No fauna		
TOTAL		360	50 animals		

Table 2: Location and number of Habitat trees cleared

Within the 360 habitat trees felled a total of 50 individual fauna were identified, consisting of four species of mammals, three species of birds and two reptiles, all of which were successfully relocated. No threatened fauna species were encountered. Where individuals were found within a hollow, the section of tree was cut so that the entire hollow was relocated into adjacent similar habitat.

One bird, *Eolophus roseicapillus* (Galah), was injured during tree felling, requiring veterinary attention and ongoing care from an approved wildlife carer. One Common Brushtail Possum and one Common Ringtail Possum were observed self-relocating into the surrounding vegetation during felling. There is potential that these animals may have been injured but were unable to be captured. Active fauna management undertaken during phase 2 clearing is detailed below in Table 3.

Scientific Name	Common Name	Number of individuals	Outcome
Tyto alba	Barn Owl	1	Self-relocated
Aegotheles chrisoptus	Owlet Night Jar	1	Relocated to surrounding area
Eolophus roseicapilla	Galah	1	Wildlife carer
Egernia sp	Tree Skink	2	Relocated to surrounding area
Litoria peronii	Peron's Tree Frog	2	Relocated to surrounding area
Trichosurus vulpecula	Brushtail Possum	9	Relocated or self-relocated to surrounding area
Pseudocheirus peregrinus	Ringtail Possum	8	Relocated or self-relocated to surrounding area
Petaurus breviceps	Sugar Gliders	21	Relocated to surrounding areas
Microbats	Microbats	5	Self-relocated

Table 3: Active fauna management during phase 2 habitat tree clearing

The majority of arboreal mammals were found between Chainage 5,000 - 12,500 and between 16,500 - 19,500. One individual male koala was opportunistically identified well outside of the works area on the roadside near Pyramul Road. This individual was observed to be in poor condition, potentially due the ongoing drought at the time, and was taken into care by an approved wildlife carer.

6. Clearing extent

Minor additional select vegetation clearing, including lopping of large tree limbs, was required to facilitate passage of the OSOM haulage vehicles. This vegetation clearing was undertaken within the approved vegetation clearing limits and was subject to the management measures prescribed within the BMP. The additional clearing was recorded in the Clearance Chainage Table (**Appendix B**). Clearing/pruning was undertaken within 26 chainages (Table 4).

Chainage	Comments
3750-3900	small trees, 1 large and 1 habitat tree supervised on felling
4,000-4,100	small trees
4,100-4,200	small trees
7,500-7,600	small trees

Chainage	Comments					
7,700-7,800	1 medium tree					
7,900-8,000	small trees					
8,000-8,100	small trees					
8,200-8,300	small trees					
8,800-8,900	small trees					
9,500-9,600	Large Woody Debris on side					
10,000-10,100	Small trees. 1 large tree.					
10,500-10,600	1 medium tree					
10,700-10,800	1 habitat tree supervised on felling.					
11100-11150	1 Large tree					
11,200-11,300	Pushed batter back towards adjacent paddock					
11,400-11,500	small trees					
12,100-12,200	small trees					
13,500-13,600	3 large trees cleared around <i>Pomaderris cotoneaster</i> . Large Woody Debris					
14,100-14,200	Small and 1 medium tree cleared around Acacia meiantha					
14,300-14,400	1 medium and 1 large tree cleared around A. meiantha					
14,500-14,600	Small trees cleared around A. meiantha					
15,000-15,100	Small trees					
15,700-15,800	2 Trees, 1 HBT supervised on felling (within civil works)					
16,000-16,100	Small trees					
16,200-16,300	Small trees					
16,700-16,800	Pruned overhanging branch					

Detailed design vegetation mapping was produced by Zenviron's contracted surveyors and was used at the completion of clearing to ensure the amount of vegetation cleared was within the clearing limits. The total area of each vegetation community cleared was as follows:

- PCT 277 0.56 ha
- PCT 290 4.86 ha.

These figures are well within the Development Consent approved clearing limits (PCT 277 – 0.95; PCT 290 – 5.64). The savings may be attributable to several factors, including improved accuracy of mapping from the survey, avoidance of vegetation through changes to the design and micro-siting of civil works such as turnout drains and culverts.

7. Final ecological inspection

A final ecological inspection was undertaken on 20 August 2020 by ELA Senior Ecologist Dr Cheryl O'Dwyer. The final inspection involved a walkdown of all areas subject to vegetation clearing, to confirm the final cleared limits and sign off on completion of the clearing.

8. Conclusion

Vegetation clearing to facilitate the works on APR has been undertaken in accordance with the CRWF BMP to ensure compliance with the conditions of the Development Consent.

In summary:

- A Clearance Chainage Table was developed to progressively record pre-clearing and clearing inspections which was dated and signed daily.
- Detailed design vegetation mapping was produced through detailed marking out of vegetation by ELA ecologists working in coordination with a qualified surveyor to ensure the amount of clearing was within the Development Consent clearing limits.
- The detailed design determined that 0.56 ha of PCT 277 and 4.86 ha of PCT 290 were removed from the civil works and within the blade swept path along APR. This is under the area approved in the Development Consent.
- A total of 380 potential habitat trees were marked within the civil works area and blade swept path.
- A total 360 habitat trees were removed from APR and 50 individual animals from 9 species were relocated or self-relocated as per the BMP (2019), none of which are listed as threatened.
- A total of 47 *Acacia meiantha* were translocated from site and 45 individuals (including 40 new suckers that had emerged during autumn 2020) were left in-situ and impacted by the works.
- An Assessment of Significance was undertaken for the additional recently emerged *A. meiantha* along APR and it was determined that no significant impact was likely.
- One *Pomaderris cotoneaster* was impacted by the works.
- Further vegetation pruning or clearing was required for OSOM haulage vehicle passage. Clearing was undertaken within 26 chainages and was within the approved clearing limits.

References

Eco Logical Australia 2020. *Aarons Pass Road Vegetation Clearing Interim Report*. Prepared for Zenviron Pty Ltd.

Eco Logical Australia 2019a. *Crudine Ridge Wind Farm Biodiversity Management Plan 2019*. Prepared for CWP Renewables Pty Ltd.

Eco Logical Australia 2019b. *Translocation Plan Acacia meiantha* – Wattle (Fabaceae). Prepared for CWP Renewables Pty Ltd.

Appendix A Clearance Chainage Table

THERE A

41.00

1,109 1,109 6.200 1.300

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	800	0.00	531,81	0.00	29.93	é.	0	1 · · ·	i - sera	Thethe oclog	Thethe ac/og	eluti	2 HGT cleared 19/9-Boer OrloT
Ē.,	900	0.00	292.28	0.00	4.24	0 -	0		2)	12.3.2.0	pro- D p- 1	elmh	0.465
)	1,000	0.00	237.92	0.00	57.32	1 -	0	1		·		ellar h	2 HBT cleared 1119
<u>9</u> .	1,100	0.00 0.00	128.09 111.45	0.00	0.00	40	0	·				elinda,	OHOT
0 0	1,900	9.00	272.13	0.00	1.00	01 -541 1	6 C		h na se			. elak	1 HBT cleared 1/19 1 HBT cleared 1/19
ō.	1,400	0.00	328.11	0,06	9.09	Q and	0	· · ·	1.		· · · · · · · · · · · · · · · · · · ·	elach	2.11BT clieated 11/9
Ő.	1,500	0.00	205.43	a.(a	3.00	L						elent	2461 cleared 18/9 1xBan an
2	1,500	0.60	152.20	0.00	0.00	ļ., <u>e</u>	0	.į	-	14.	int so		
9 3	1 YQ Y 1 DOD	. e 68 	97.53	0.09	0.00	1	ц., У., а	5	<u>.</u>	elinh 119	eligh 1/9	1. 1.	· · · · ·
0	1, 17, 2	0.09	473 (4	6.00	4.15		÷ 0		1 .	Jani, IIFI	Elert 11/9	5.27	· · · · ·
Ū.	500 k	0.05	\$25.94	0.00	6.00	0	1 C C	· · ·	Cherry D	Cha	then	46 %	Shosi 1
Ð	11.52	5 QB	11,33	0.00	0.00				1 .	Chin	chan		Phase 1
20	149 114	8480 1977	\$3.27	0.00	1.59	1	ŭ			Car	California .	The sin	g .
õ	1.1	0.04	335-73	3.60	0.37-	1.			i.	fighting -	chan .	Chier have	
00	- 1211	0.00	115 52	6.00	14.90		. 0			C-P-C	- Chica I	- 2- HOT'S	1
0	14	0.00	134.25	0.03	155,49	a la	1 <u>?</u>	· · · ·	. ··	Caller .	- Cathan	Frend Inth	
20		5,64	175.69	0.00 0.00	2.15	240	÷ 5	ананананананананананананананананананан		Contraction -	Charger -	I HOT	
Ø	35.59	0.00	:12.67	0.02	14,15	Ve I	i o			- chica-	1.1	Name of Labor Description of the Owner of Concession, Name of Street, or other Description of the Owner of Concession, Name of Street, or other Description, Name of Street, Name of Street, Name of Street, Name of Street, or other Description, Name of Street, Name of Stree	PHI CAMP 3421A UN
p	3,0-2	6.99	8133	0.09	13 20	,			Bernst	PRA	and the second s	NO HET'S	
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0 0	3.300	0.00	473,27	1 0.00	23.95	00				THE:	04/50	enere The the	1/ = HIST OY/07 CE NO HIBTS removed.
Q.	3,450	0.00	1 212.33	0.00	0.33	10		· · ·		VRG	1	thelly	No HIBTS remarked
0	3,500	2 60	391.38	0.05	0.09		ů,			The	1 04/0	H-lls	Removed HBT integled in the for Cleaned ELA supervised of
i n	3,600	0.00	271.77 283.34	0.00	0.00	12				15.	A far	Thelly	Cleaned ELA Supering and
	3.700 3,800	0.00	435.23	0 00 0.00	0.00	1 建草品			11.00	19/2	in the second	Alla the	21 1BTS clearer 04/07 LX MERCEDAL (MARY) & BT 12
0	3,900	0.00	303.45	0.00	0.60	- 夢 5	0			1 yp	N	Thelly	1x HBT clared 02/04, 3x HUBT C
0	4,000	0.00	307.78	0.00	1.34	1	0	5 1.	ASREPHT	- A	le	Helly	
0	4.100	0.00	248.72	0.00	33.25	32		5	1.5859154	The	ham	and the	THE CONTRACTOR AND AND
io	4,200 4,300	0.00	258 75	0.00	0.00	12	1 0	1.0.0	1	The	A	Milly Milly	IN E. welliebon HBT jus induce
0	4,400	0.00	311.63	0.00	0.09	1/	Û.	ng en r de en r		1 m	R	AND	[13] T. M. Lee, "A state to specify and the specific state of t
0	4,500	0.00	428 31	0.00	0.09 60.0	3	delana ?		an th	the second	10-	dans.	Ch4534 Remark 3 small frees
0	4,600	0.00	341.54 337.05	0.00	0.00				The	the second second	T	Shaft Tic	1644601 Remare tree on
0	4,700	0.00	516.40	0.00	0.09		x 109 (72)	2	Chayl.	6	Later	and all	P2 commenced 02/06 - TK 1 H Aplatitional HOT knocked 1 H
Ó	4,900	0.00	452.64	0.00	0.00 2.90	0	The start			Char	da-	Letring of the general of	1 19BS low did
0	5,000	0.00	243.22	0.00	0.00		0		í gur u	Cherry	Che ?!	1609 06 109	MA annenas 13/2 17 1X Suger Glo
ğ.	5,100	0.00	315.61	0.00	0.00	21			1.00	Chita	- Coloman	1Kelly 06/39	1 PH 2 conducted 1x Recon The
0 0	5,200 5,300	0.00 0.00	223.46 39.67	0.00	0.00	0.7			1	ching		4/Kelly 06/09 4/15/12 06/09	06/09
lent	Reference	7×109-115-026	iq-2(n)			· · · · · · · · ·				10000	No. Contractor	17/1000 20104 	2900 - 5500 Phase (

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Document Reference: ZX109-LIS-0269-2(0)



2900 - 5500



				the southern pa	irt of the NSW Sou	th Western Slopes Biore	gion			Pomaderris	Pomaderris Recta speci	nen	PH
992.04	สโตร์เกญ	- Gelogie		144-455	er parte	to the trie of the state	alan hinen at it.	and the startes	. A w	Ecological Inspection of PCT marked zoning	Disturbance Limit Surveyed & Marked		Ecological clearing inspection (PCT areas / HBT / Acacia / Pomaderris)
- Territ	in.	475 7.74.	10.00	Contraction 1			1	- 1081		Signoff / NA	Signoff /	Signoff / NA	Comments
5,300	5,400	0.00	17.47	0.00	1.21	0 2	0	NUMBER OF STREET, STRE	1. 2r4KE	Werdelo	leode,	Helly 06/09	PHI comp 35/19 12 PHIL componence
5.400	5,500	0.00	208.95	0.00	0.00	03,1	0		0 0	Eltonely	Divela	Skille octor	112× HBTS IX BT + BOBSIN
5,500	5,600	0.00	164.21	0.00	0.00	1 · · · · · · · · · · · · · · · · · · ·	0			Mardo	Level.		
5,600	5,700	0.00	131.15	0.00	0.00	1	0	and has seen at	a in the arrestor	Borako	Hereall	2-HBT'S	
5,700	5,800	0.00	259.31	0.00	0.00	3 🗸	0			Analy	Reveralo	Chery 31 10 10	Construction in the second state of the second
5,360	5,900	0.00	182.05	0.00	0.00	1 /	0		\$ \$	KAOtho	Marrale.	Chepy 31101	9
5,900	5,000	0.00	386.62	0.00	0.00	1+1	0		t in the second second	Chery) O'Wyu	Class	Query 11/19	1 Linglail possi relocated
6,000	5,100	0.00	336.58	0.09	0.00	2]	0	1	Q		cher.		PH I commenced 2/09
5,100	6,200	0.00	435.75	0.00	5.00	0	0		4		Che	V	
6,200	5,300	0.00	467.15	0.00	0.00	3	0		6	theory O'Drie	6 heren	aug 1/11/15	
5,300	6,400	0.00	108.13	0.00	0.00	1	0		1	4	the	[:Chey. 1419	The second s
6,400	5,500	0.00	273.30	0.00	0.00	0	0			· · · · · · · · · · · · · · · · · · ·	6 mm	a second and second	2x kinetal Vosla
5,500	5,600	6.00	94.63	0.00	0.00	ð i	0.			Cherry O. R. ofe	Chan	1202.40-	
9,639	6,700	0.00	354.67	0.00	0.00	1	0				6 from	-	1x Briston 1 Acleaned PHZ
5.7(s).	6.800	6.00	426.61	60.0	0.00	Ē4	0				Gteer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V 3x Suger
5,800	6,350	0.00	374.35	¢.30	0.00	0	0		и 1. р. жін		CHER		V 3x Jugar
s.şto	7,000	0.00	278.68	0.00	0.00	23	0		-				\$1 convolution to 05/09 - T.KELIM
2009	7.100	0.00	238.42	0.00	0.60	1 -	0		1	J.	GTOF		
11:00	2.300	6.03	155.75	60.6	0.09	21	0		·	Cherry O'Durye!	Charter	N	
7200	- 13 3	6.39	182.75	1 0.00	0.00	0	0			1. 1		FNO HOT.	and a second of source and the second s
73,07	2012	3 (3	25.97	0.00	0.00	0						A	PA2, c
74OD	1.0	_i¢:0	289.93	0.09	32.93	2 ·).			(in a state of the	14/11/19.	
1500	-	9.00	80.47	G 00	10.25	24.					a da a	Donare	4x Sugar Chidars Released
7602		(4.5) 	358.95	6.00	6.03	24	e				Kaiking .	1	2 Des Ellerer
7702	1.252	0.00	382.39	66.6	71.92	1	S	- · · · .		- " U N -	churcheck b	de	3 8 5 3 4
1800	74°9	0.00	275.19	0.00	0.00	0			020	Ton Kelly	Create accep		1× Brostotal
7900	5,247 1.110	0.00	269.92	0.00	365,05	45			~C. (THE BOAS CHARTER
2000	e 106	0.00	213 17	0.00	38.15	13.1	÷.	ang an s		02/PA		1	1×5Kmk
601.8	1.1	0.00	131.65	0.00	0.00	35		1		16.1	and a part of the second s	A istulia	2 Broch
8,260	3,500	0.00	422,52	0.00	0.00	a anna anns a saigh annad g	*····	1	16 6	V. V.	Junes L.K.	and the summary of the second	22 5.20
2300 2300	3/252	0.00	742.85	0.00	0.00	56 74				Tom Kelly	Junes Kerry	the second	
8300. 8300	8,500 3,500	C-0.0	864.37 428.58	0.00	.0.00	······································	3	nin	05/09	A	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	1.19/11/19	1.5. 87.90
8,500	3,700	0.00	257.66	F.F	105.53	4 4			500	del .	V	32/ 1/10	and the second s
3,700	\$,800	0.00	436,79	0.00	1.13	3 4	Services for a	· . ·			prospelly?		I sugar glider relocator.
5,900	8,960	0.00	308.44	0.00	65.49	3	ZI 0		10/0	Else Keane	11 10	Dorsen	CL Stales Show Here a
8,900	9,000	0.00	132.54	0.00	35.61				1070	COS DREAR	1	1.1,00	and the second statement of th
9,000	9,100	0.00	408.54	0.00	0.00	1 7 57	· · · · · · · · · · · · · · · · · · ·		184 44	1		12/12/17.	I ringtoul possion relocated
9,100	9,200	0.00	200.91	0.00	A R. A. Market State of Solid Sciences and	Q 1		same in the second	5	a for a second		a series and	1 Strade Personal and the second
9,200	9,300	0.00	133.12	0.00	1.27	3 1 A			1/19	Eliz Kerns	. dah	Doman	1. awlet - nightor. islocated
9,300	9,400	0.00	244.80	0.00	and the second sec	1 1 28.	0	4	1	de la	6	1000	8 Marked HBT+ did not have
3,400	9,500	0.00 9.00	594.00		13.42 18.42	4 5			12/9	Elize KPO.	2) Aluh		8 Marca o MSI + dianon hore
9,500	9,600	3.60	280.47	0.00	0.00	18 2 14.	a		: .16.7.1	1 2000 1890		V	
9,600	9,700	0.00	,213,75	0.00	40.56							L.	PHIL completed 201
9,700		0.00	150.26	0.00	0.00	3	0	a and all a	e e como E c		4	1	
9,500	9,900	0.00	188.56	0.00	0.00	3	0	a na ta	1	· · · · ·	and the second states of a second state of the	8 1707'5	PH1
9,900	10,000	0.00	213.81	0.60	0.00	2		11-1- J	27 - 144 - 144 147		E Te server a president an erestrander.		and a second
0,000	10,100	0.00	339.14	0.00	63.97	21	0			· [· · · · · · · · · · · · · · · · · ·		[12/12/15 pawer	201
0,100	10,200	0.00	213,24	0.00	0.00	2	0	a	13/9	Elise Keane	ind	12/2 ween	PHL completed
the statement for a	10,300	0.00	349,38	3.00		5	čč		6	A A A A A A A A A A A A A A A A A A A	10 Jun 10 10 10 10 10 10 10 10 10 10 10 10 10	you you	
 A second as 	10,400	0.00	389.42	0.00	0.00		0		1. · · · ·			1 10/12/19	
	10,500	0.00	563.97	0.00	0.00	3 +3	0	n ang sang san na sang san na sang san sang sang	60	and the second strategy of the statement		Davien	
	10,600	0.00	240.92	0.00	0.00	ಧನಾವಾಗು ಗ್ರವಕಳೇ	and the second	· · · · · · · · · · · · · · · · · · ·	1 · · · · · ·		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- W - Y	.0





Zenviron, Blakely's Red Gum - Yellow Box grassy tall woodland of the NSW

HBT Hollow Bearing Tree

Vegetation clearance signoff definitions

26/09 Je

		1940	PCT290	tussock g	rass shrub low	lox – Long-leave open forest on 5 Slopes Bloregi	hills in the sou			Acacia Meiantha spec Pomaderris Recta spe			2		Broad vegetation removal HBT removal and final vege	station pruning/fine tuning	8
<1=61N	(a(G): (m)	(000000)39(diama (squi)	ittinate av	90.091 ((#903)	a survey a second	ton chernie cultordine b		Ecological Inspection	Disturbance Limit		ring inspection	Structural/root zone inspection		194 - 194 ₀ - 1951		
120380	1 in	PICT 277	P/67 5914	1001-202	TYCE 200	181877	Areasia	Ponuder de	of PCT marked zoning Signoff / NA	Surveyed & Marke Signoff		Acacia / Pomaderris) Phase 2 Signoff / N/				Comments	
10,600	10,700	0.00	214.83	0.00	11.47	31	0	0	Ellie Keanc	leluh 13/9	El Se Kan	A		CA1	l completed		
10,700	10,800	0.00	358.26	0.00	93.14	41	0	0	Sale inear	Scher 1.1	Eline K		and the second				
10,800	10,900	0.00	299.31	0.00	0.00	1/5	0	0	Stor Keene	ale 1 1619	Elise NL	New					······································
10,900	11,000	0.00	207.25	0.00	73.66	1/4	0	0	LIGA NEGUTE	almh 16/9	Elize V	Defreen					
11,000	11,100	0.00	219.60	0.00	198.63	82	0	0	Chey! O'Dy	Change 19	19 Chonys /	2020		17		DH2 campe	ac od 11060 .
11,100	11,200	0.00	457.47	0.00	23.66	24	0	0	Caregi C way	Change 19	1			1644	1BT maked	PHI amabe	tal 71/10
11,200	11,300	0.00	594.69	0.00	142.21	81	0	0			WELLY Milly	11 nees		1	dirina dania meninana	1	
11,300	11,400	0.00	234.22	0.00	90.16	1.	0	0	Chery 023	Ches 19	10 milly milly	and the second second second		DIR	nishtail poss	PHZ comme PHZ compte un - relocat	ad self
11,400	11,500	0.00	113.05	0.00	27.87	2.	0	0	Cheg O'Due		07100	(15 Her HOT	1	2 11	AT	Children and a second second	and a sufficient of the second se
11,500	11,600	0.00	216.00	0.00	0.00	2:4	0	0	Elije Keare	Cha 19/ elich 20/	7 27/09	1 C 10		a ru	63. <u>1.,</u>		
11,600	11,700	0.00	399.84	0.00	0.00	03	0	0	EUSO REOVIC	ecen ou	i i i i i i i i i i i i i i i i i i i	1, 1	Y.				14 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
11,700	11,800	0.00	183.64	0.00	0.00	04	5 0	0				11,700-00	20 1				
11,800	11,900	0.00	71.09	0.00	0.00	1 1	0	6		· · · · · · · · · · · · · · · · · · ·		1 00%	a later	ZHETA	dist		THE REPORT OF THE PARTY OF THE
11,900	12,000	0.00	244.35	0.00	0.00	2 1	0	1 · · · · ·					101	CHAR HA	ST maked	The second se	
12,000	12,100	0.00	244.71	0.00	0.20	2	0	0				- 2.28	C + + -	184	BT marked 1	Ringtail possu	in relocated
12,100	12,200	0.00	37.60	0.00	0.00	2	21	0	TKELLY	felly 23/0	0	V12,150:24		1x Ace	ion net the sec	rded within allain	beace bendera
12,200	12,300	0.00	436.77	0.00	0.00	3	0	0	INCLU	perg sjo	1	-	·	1 Alle	12 Mar. 1. 1. Score 3. 1. 4. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		1
12,300	12,400	0.00	409.91	0.00	69.94	0	0	0			and the second s	1					
12,400	12,500	0.00	\$75.75	0.00	80.44	1	0	0			 A (100, 10) 			1	(a)		
12,500	12,660	0.00	190.90	0.00	0.00	4	0	0						33	HET MACKED	on enge h	spection ul
12,600	12,700	0.00	52.61	0.00	0.00	8	0	0	1					1.12.2	Enlatet +	1-2-12-5-	and the second s
12,700	12,800	0.00	119.52	0.00	0.00	2	0	0	· · · · · · · · · · · · · · · · · · ·	+	Elsneic			154	HIST NAUKED	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
12,800	12,900	C.00	218.32	0.00	0.00	2	0	0	There	24/6	FURIC			1.50	HRT Decen	- while and	
12,900	13,000	0.00	165.20	0.00	0.00	1	0	0	TKELLY		9	*	a substant of second second	- Second	HBT PART	(selend	Santon management of the second
13.000	13,100	0.00	146.28	0.00	0.00		0	0				al2/LOC	5		Lix Sugars	released	
13,100	13,200	0.00	272.39	0.00	0.00	2	0	0		X	Laure - reason	1 10			ere andres.	We then the set of the second second second second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
13,200	13,300	0.00	288.02	0.00	0.00	3	0	0	TKELLY	25/0	a	ALINA				International and the second second	
13,300	13,400	0.00	239.03	0.00	26.47	2	0	0	(More)	- Vala	And a second sec			1			
13,400	13,500	0.00	466.81	0.00	0.03	1	0	0		1							
13,500	13,600	0.00	182.28	0.00	279.75	1	0		Will oulog	IV. the onlo	a Ton K.	ST HO	10	240	St mestred		1
13,600	13,700	0.00	1158.82	0.00	18.18	1	0	0	Thelly 04/09 Thelly 04/09 9 Else Kenne	WW. Le Nall	A tom.	L HI			di		1
13,700	13,200	0.00	688.41	0.00	0.00	0	0	0 3/	PIAR Lang	1. 1. 201	9 Tonk.	E h	and an end of the second sector in the second	HET	mobel. Acaci	ia moded	
13,800	13,900	0.00	211.33	0.00	0.00	2	0	0	10000 Kava	C 1994 4	Elie	1 ilu	······································	- militar	1	1129 A. B. S.	
13,900	14.000	0.00	180.10	0.00	0.00	4	0	0			- Hereiter	214					
14,000	14,100	0.00	284.59	0.00	0.00	3	D	0				122		1			
14,100	14,200	0.00	203.71	0.00	15.00	1	2 [0]	0	CONTRACTOR AND A STREET, SALES	1		10000	Contraction of the second second	2.44	metather in of	pt v bence benday	
14,200	14,300	0.00	209.50	0.00	0.00	2	28 [0]	0	a the second second second second	1	1	The second second			THE WA	styberce benday	
14,300	14,400	0.00	58.90	0.00	0.00	0	6 [0]	0		Allelly		1			1 250	4	
14,400	14,500	0.00	122.97	0.00	0.00	2	0	0		26/09	1					1	1
14,500	14,600	0.00	183.57	0.00	0.00	0	2 [0]	0	1								1
14,600	14,700	0.00	223.46	0.00	0.00	1	4 [0]	0				1.				1	
14,700	14,800	0.00	104.22	0.00	0.00	2	4 [0]	0					and the set of the set of the			1	1
14,800	14,900	0.00	357.88	0.00	0.00	3	0	0		1				1	V V		
14,900	15,000	0.00	508.83	0.00	0.00	1	0	0	J.	1.		1		1	V F		N
15,000	15,100	0.00	202.17	0.00	66.84	0	0	0	Cherry ODwy	11/10/19	choof.			1	1		
15,100	15,200	0.00	590.13	0.00	0.00	0	1 [0]	0		1 1	- ing						
15,200	15,300	0.00	470.66	0.00	0.00	0 .	0	0							3	-	
15,300	15,400	0.00	306.65	0.00	0.00	0	'0	0							2		
15,400	15,500	0.00	363.90	0.00	0.00	4	0	0									
15,500	15,600	0.00	271.88	0.00	0.00	4	0	a	and the second s			37.0					
15,600	15,700	0.00	285.14	0.00	33.49	4	D	0	1. 100001			and.	and an and a second sec				
15,700	a short a second second second	0.00	403.20	0.00	203.88	6	Û	0		1		P	the second to the second			/	

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15,700 15,800 0.00

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GUMPERAGE (54)

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CRWF Aarons Pass Road Upgrade - Forecasted Ground Disturbance Summary

Zenviron, Scr 277 Blakely's Red Gum - Yellow Box grassy tall woodland of the NSW

CHER 81

Supplicementation / consol processory/lively-cleare sympt

Aminia Promotions

HBT Hollow Bearing Tree Acacia Acacia Meiantha specimen Vegetation clearance signoff definitions

Phase 1 - Broad vegetation removal

Phase 2 - HET removal and final wavetation pruning/fine tuning

PCT290 Red Stringybark – Red Box – Long-leaved Box – Inland Scribbly Gum tussock grass shrub low open forest on hills in the southern part of the NSW South Western Slopes Bioregion

the de sources (ire o)

6百多777

Pomaderris Pomaderris Recta specimen

				Phase 2 - Hot Tentoval and tinal vegetation promitighter	, tenorth
	Ecological inspection	Disturbance Limit	Ecological clearing inspection Stru	ructural/root zone	
	of PCT marked zoning	Surveyed & Marked	(PCT areas / HET / Acacla / Pomaderris)	inspection	
ii.	Signoff / NA	Signoff	Phose 1 progress / NA Phase 2 Signoff / NA	Sign / NA Comm	ents
	Chenyl	11/10/19	RUPPLY YESTALL M	Acrosa relation for dea	
	Bee fronte	all.	25/10/19 28/10/11	& conjournal 26/09-TK	
	1	1944-1944-1946 - C.			

15,900	16,000	0.00	261.27	0.00	5.16	10	0 0	chenj	11/10/17	RURAUL	Vern	ll M		Acrosa nela tra par de
16,000	16,100	0.00	480.41	0.00	15.35	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0 0	Bee Croake	11/10/17	25/10/19	25/10	111		V completed 26/09-TK
16,100	16,200	0.00	294.52	0.00	7.95	21	0 0		1		1			
16,200	16,300	0.00	597.65	0.00	7.41	3/24	0 0		19.			4		
16,300	16,400	0.00	632.26	0.00	0.00	71	0 0	101				8		
16,400	16,500	0.00	435.40	0.00	0.00	3)]	0 0					X		
16,500	16,600	0.00	342.61	0.00	0.00	1	0 0			7 V .	4 1			
16,600	16,700	121.18	217.07	7.04	27.95	2	0 0	1						
16,700	16,800	174.68	0.00	0.00	0.00	1	0 0				1.	V		Recteur 16730 - 1680 4/10 Phase 1 completed 2/10
16,800	16,900	344.67	0.00	0.00	0.00	21	0 0	Elvie Keane 4/10	eluk	ihen		Ű.		Phase 1 comp 200 2110
16,900	17,000	389.24	0.00	0.00	0.00	1	0 0	1		Own St.	1	<u></u>		
17,000	17,100	379.32	0.00	0.00	0.00	0	0 0			0.00				
17,100	17,200	168.41	0.00	0.00	0.00	0	0 0							
17,200	17,300	27.81	0.00	0.00	0.00	0	0 0							1 /
17,300	17,400	293.72	0.00	0.00	0.00	0	0 0							
17,400	17,500	196.70	0.00	0.00	0.00	0	0 0			•				
17,500	17,600	457.52	0.90	0.00	0.00	0	0 0							
17,600	17,700	17.26	0.00	0.00	0.00	0	0 0					2.		
17,700	17,800	209.19	0.00	0.00	0.00	0	0 0	ACCOUNT ON A DESCRIPTION		elado 3911	0 elin	1 2		1xttB7 cleared 3x starling chicles, mes
17,800	17,900	53.13	0.00	0.00	0.00	0	0 0							
17,900	18,000	306.21	0.00	0.00	0.00	0	0 0					8		1 ribt cleared.
13,000	18,100	295 41	0.00	0.00	0.00	0	0 0			· ·				· · · · · · · · · · · · · · · · · · ·
18,100	18,200	138.95	0.00	0.09	0.00	0	0 0							
18,200	18,300	313.84	0.00	4.08	0.00	0	0 0	×	J.,		and the second second			IXABT deared.
18,300	18,400	332.36	0.00	0.00	0.00	0	0 * 0	Eliz Keone 2/10	chuch	Renth 28/1	o ella	13		2xHBT des al, Victory gatch sout. 4x lody. Ix two HBT. PHAR I completed
18,400	18,500	285.57	0.00	0.00	0.00	0	0 0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					IX IVAN HEIT. PPARI COMPLETED-
18,500	18,600	558.47	0.00	0.00	0.00	0	0 0			1				4x MBT deared
18,600	18,700	323.73	0.00	0.00	0.00	1	0 0						1. · · · · · · · · · · · · · · · · · · ·	
18,700	18,800	104.89	0.00	0.00	0.00	0	0 0							1 x HBI cleaned
18,800	18,900	218.50	0.00	0.00	0.00	2	0 0			1				#BRES IN 1 HBT V3×455 cleaned.
18,900	19,000	336.78	0.00	0.00	0.00	1	0 0	er an ak-senara (ar as a serara		druch ill	O. charly			PHZcommenced 21/10 ix HBT cleared.
19,000	19,100	121.87	0.00	0.00	0.00	1	0 0		ļ					IXABT Cleared
19,100	19,200	361.34	0.00	0.00	0.00	0	0 0					·····		1x HOT cleaved, pursitive bay related
19,200	19,300	162.22	0.00	0.00	0.00	2	0 0			1	-			3x HOT cleaved, 2x Brushtad ed Parsums CIX
19,300	19,400	220.04	0.00	54.49	0.00	3	0 0	£		a mala				1/1x HOT3 cleared, 2x Brigh Failed Pessions
19,400	19,500	289.45	0.00	6.99	0.00	0)	0 0			Russhe	RU	eace		111 × HBT3 CLEATED , Zx Brish Fould a FESSIONS
19,500	19,600	269.10	0.00	0.00	0.00	3	0 0	1911 D.1 1000		17/10/19				4× Sugar aliders relocated, Ix Sugar glide during treefelling but caild not be [12, HBTs cleared.
19,600	19,700	216.57	0.00	0.00	0.00	56 0	0 0			15/10/1	9		-	auring recipiling but cauge her be
19,700	19,800	65.37	0.00	5.36	0.00	0 (25)	0 0					}		12, HEIS cleared. It Brush turled Possium self-relocate
19,800	19,900	264.99	0.00	5.37	0.00	1	0 0							14 Brush -runea possion self-relocane
19,900	20,000	122.85	0.00	0.57	0.00	1	0 0							at CH 19664
20,000	20,100	196.12	0.00	12.05	0.00	1	0 0						p	
20,100	20,200	74.84	0.00	0.04	0.00	2/	0 0			¥	4	V		
20,200	20,300	Veg	getation Surve	y data not a	vailable. Desi	gned as to not im	pact any trees.					-		
20,300	20,400													
тот,	ALS	0.906	4.730	0.010	0.3086	302 4	7 [0] 1 [3]							
					and the second sec	and the second second second second	and the second se	-						

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Appendix B Final Ecological Inspection Table



CRWF Aarons Pass Road Upgrade - Forecasted Ground Disturbance Summary

CONTROL
 Served Gum – Yellow Box grassy tall woodland of the NSW South Western Stopes Bioregian
 PCT290
 Red Stringsbark – Red Box – Long-leaved Box – Inland Scribbly Gum tussock grass shrub low open forest on hills in the southern part of the NSW South
 Wattern Stopes Bioregian

Mechanic	Slopes Bioregion	
110000101	and her more from	

CHAINA	GE (m)	Civil Distu	rbance (som)	Blode Sw	vept (sqm)	Upg	rade Comple (PCT 277)		Cog	rade Comple (PCT 290)		[non-remo		on / removal blade swept]	Blade swept pruning/select remova	
From	To	PCT 277	FCT 290	PCT 277	PCT 250	Forecast	Actual	Doita	Forecast	Actual	Deita	HBT	Acada	Pomaderris	Ecologist signoff	Comments
0	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0	0	0		
100	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Ŭ	0	0		
200	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.98		0	0	0		
300	400	0.00	48.60	0.00	5.68	0.00	0.00	0.00	54.28	214.25		0	0	0		
400	500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.63		0	0	0		
500	600	0.00	20.19	0.00	0.00	0.00	0.00	0.00	20.19	128.74		0	0	0		
600	700	0.00	451.83	0.00	0.00	0.00	0.00	0.00	451.83	87.34		2	0	0		
700	800	0.00	531.81	0.00	29.93	0.00	0.00	0.00	561.74	54.16		0	0	0		
800	900	0.00	292.26	0.00	4.24	0.00	0.00	0.00	296.50	57.45		0	0	0		
900	1,000	0.00	237.92	0.00	57.32	0.00	0.00	0.00	295.24	57.87		1	0	0		
1,000	1,100	0.00	128.09	0.00	19.91	0.00	0.00	0.00	148.00	11.60		1	0	0		
	1,200	0.00	111.45	0.00	0.00	0.00	0.00	0.00	111.4S	89.26		0	0	0		
1,100	1,300	0.00	272.13	0.00	0.00	0.00	0.00	0.00	272.13	62.28		2	0	0		
1,200		0.00	328.11	0.00	0.00	0.00	0.00	0.00	328.11	18.65		1	0	0		
1,300	1,400	0.00	205.43	0.00	0.00	0.00	0.00	0.00	205.43	54.45		1	0	0		
1,400	1,500	0.00	152.20	0.00	0.00	0.00	0.00	0.00	152.20	41.62		0	0	0		
1,500	1,600	0.00	97.58	0.00	0.00	0.00	0.00	0.00	97.58	9.49		1	0	0		
1,600	1,700	0.00	75.15	0.00	0.00	0.00	0.00	0.00	75.15	10.79		1	0	0		
1,700	1,800	0.00	478.14	0.00	4.15	0.00	0.00	0.00	482.30	0.00	1	0	0	0	and the second second	
1,800	1,900	0.00	425.94	0.00	0.00	0.00	0.00	0.00	425.94	2.73		0	0	0		
1,900	2,000	and the second s			0.00	0.00	0.00	0.00	111.33	10.10		0	D	0		
2,000	2,100	0.00	111.33	0.00	51.89	0.00	0.00	0.00	151.16	0,18		0	0	0		
2,100	2,200	0.00	99.27		a description of the second	0.00	0.00	0.00	49.57	8.12	******	0	0	0		
2,200	2,300	0.00	49.56	0.00	0.01	0.00	0.00	0.00	226.10	87.78		1	0	0	1	1
2,300	2,400	0.00	225.73	0.00	0.37	0.00	0.00	0.00	210.42	7.79		2	0	0		
2,400	2,500	0.00	115.52	0.00	94.90		0.00	0.00	290.74	0.00		1	0	0		
2,500	2,600	0.00	134.25	0.00	156.49	0.00	0.00	0.00	180.86	0.06		1	0	0		
2,600	2,700	0.00	178.68	0.00	2.18		0.00	0.00	203.68	18.77		2	D.	0		
2,700	2,800	0.00	203.68	0.00	0.00	0.00	0.00	0.00	260.83	0.00		4	0	0		
2,800	2,900	0.00	216.67	0.00	44.16	0.00	0.00	0.00	127.12	0.00		0	0	0		
2,900	3,000	0.00	88.92	0.00	38.20	0.00		0.00	215.58	180.95		0	- 0	0		
3,000	3,100	0.00	215.53	0.00	0.05	0.00	0.00	0.00	604.36	302.70		6	0	0		
3,100	3,200	0.00	601.23	0.00	3.13	0.00	0.00	An address of the second	427.93	226.80		0	0	0		
3,200	3,300	0.00	403.87	0.00	24.05	0.00	0.00	0.00	212.66	80.91		1	0	0		
3,300	3,400	0.00	212.33	0.00	0.33	0.00	0.00	0.00	391.36	306.28		4	0	0		
3,400	3,500	0.00	391.36	0.00	0.00	0.00	0.00	0.00		153.86		0	0	0		****
3,500	3,600	0.00	271.77	0.00	0.00	0.00	0.00	0.00	271.77 234.34	241.18		1 1 0	0	0		,
3,600	3,700	0.00	234.34	0.00	0.00	0.00	0.00	0.00	and the second of a first \$1.5 kins	385.66		1		0	In Tree	1011 6/10 2018/2020 29
3,700	3,800	0.00	455.23	0.00	29.58	0.00	0.00	0.00	485.81			41	0	0	16- 201215	NO 2 cm 1 lavae 16
3,800	3,900	0.00	303.46	0.00	0.60	0.00	0.00	0.00	304.06	356.22		1	0	0	C101010	2018/2010 2 5 20 2 5m 1 large 1/2 Blade swept path,
3,900	4,000	0.00	307.78	0.00	1.84	0.00	0.00	0.00	309.62	333.89		2	0	0	14/2	Riade avent add
4,000	4,100	0.00	248.72	0.00	83.25	0.00	0.00	0.00	331.97	195.93		0	0	0	14/2	Survey such a bendary
4,100	4,200	0.00	256.76	0.00	0.00	0.00	0.00	0.00	256.76	272.85		4	0	0		
4,200	4,300	0.00	462.76	0.00	0.00	0.00	0.00	0.00	462.76	400.99		1	0	0		
4,300	4,400	0.00	311.63	0.00	0.00	0.00	0.00	0.00	311.63	287.97		3	0	0		
4,400	4,500	0.00	428-31	0.00	0.00	0.00	0.00	0.00	428.31	392.20		1	0	0		
4,500	4,600	0.00	341.54	0.00	0.00	0.00	0.00	0.00	341.54	293.15		1	- 0	0		
4,600	4,700	0.00	387.05	0.00	0.00	0.00	0.00	0.00	387.05	323.80		k		0		
4,700	4,800	0.00	516.40	0.00	0.00	0.00	0.00	0.00	516.40	378.71		1	0	A		
4,800	4,900	0.00	452.64	0.00	2.90	0.00	0.00	0.00	455.54	289.92		0	0	0		
4,900	5,000	0.00	243.22	0.00	0.00	0.00	0.00	0.00	243.22	418.42		2	0	0		
5,000	5,100	0.00	315.61	0.00	0.00	0.00	0.00	0.00	315.61	409.15		2	1	0		
5,100	5,200	0.00	223.46	0.00	0.00	0.00	0.00	0.00	223.46	374.13		0	2	0		
5,200	5,300	0.00	39.67	0.00	0.00	0.00	0.00	0.00	39.67	262.30		0	0	0		
5,300	5,400	0.00	17.47	0.00	1.21	0.00	0.00	0.00	18.68	344.24		0	0	0		
5,400	5,500	0.00	208.96	0.00	0.00	0.00	0.00	0.00	208.96	463.34		1	3	0		
5,500	5,600	0.00	164.21	0.00	0.00	0.00	0.00	0.00	164.21	263.64		1	0	0		
		0.00	131.15	0.00	0.00	0.00	0.00	0.00	131.15	320.81		1	0	0		
5,600	5,700			1 000		1 0.00		A		akaniri						

Document Reference: 2X109-LIS-0269-2(0)





-	NAGE (m)	C vil D s	turbance (sqn	1) Blade !	śwept (sąm)	U	pgrade Comj (PCT 277		Ut	grade Compi	etion		n transfosa			Blads sugget as		
From 5,700	To	PET 27		PCT 27) Forecas	and the second se	Dolta	Forecast	(PCT 293) Actual	Delta	HBT	noval yythic Acacia		e swept] omademis		uning/select remova	
5,700	5,800	0.00	259.31	0.00	0.00	0.00	0.00	0.00	259.31	380.84		3	0		0 CONTRACTORINA	Ecolo	gist signoff	Comments
5,900	6,000	0.00	385.62	0.00	0.00	0.00	0.00	0.00	182.05	175.33	-	1	0		0			
6,000	6,100	0.00	386.58	0.00	0.00	0.00	0.00	0.00	386.62	385.26		1	0		0			
6,100	6,200	0,00	435.75	0.00	0.00	0.00	0.00	0.00	386.58 435.75	409.36 376.06		2	0		0			
6,200	6,300	0.00	467.15	0.00	0.00	0.00	0.00	0.00	467.15	464.55		0	0	-	0			
6,300	6,400	0.00	108.13	0.00	0.00	0.00	0.00	0.00	108.13	262.84		3	0		D			
6,400	6,500	0.00	273.30	0.00	0.00	0.00	0.00	0.00	273.30	333.46		0	0		0			
6,600	6,700	0.00	94.63	0.00	0.00	0.00	0.00	0.00	94.63	185.09		3	0		0			
6,700	6,800	0.00	426.61	0.00	0.00	0.00	0.00	0.00	354.67	456.21		1	0		0			
6,800	6,900	0.00	374.85	0.00	0.00	0.00	0.00	0.00	426.61	430.09		2	0		0			
6,900	7,000	0.00	378.68	0.00	0.00	0.00	0.00	0.00	374.85	372.39		0	0		0		*****	
7,000	7,100	0.00	288.42	0.00	0.00	0.00	0.00	0.00	378.68	398.82 359.44		2	0	_	0			
7,100	7,200	0.00	155.75	0.00	0.09	0.00	0.00	0.00	155.84	287.07		2	0		0			
7,200	7,300	0.00	168.76	0.00	0.00	0.00	0.00	0.00	168.76	343.35		0	0		0			
7,300	7,400	0.00	25.97	0.00	0.00	0.00	0.00	0.00	25.97	27.97	*******	0	0		0			
7,500	7,600	0.00	289.93	0.00	12.93	0.00	0.00	0.00	302.86	270.41		2	0		0			
7,600	7,700	0.00	368.95	0.00	10.85	0.00	0.00	0.00	71.32	251.06		2	0		0	11	- 1412 >	
7,700	7,800	0.00	352.99	0.00	71.92	0.00	0.00	0.00	368.95	362.39		2	0		0	Che	= 14 17	
7,800	7,900	0.00	276.19	0.00	0.00	0.00	0.00	0.00	424.91 276.19	292.45		4	0		0			
7,900	8,000	0.00	369.92	0.00	366.08	0.00	0.00	0.00	736.00	202.25 333.66		0	0		0	Che		
8,000	8,100	0.00	213.17	0.00	98,16	0.00	0.00	0.00	311.33	274.58		1	0		0	Chan	20/8/20	20 S mall
8,100 8,200	8,200	0.00	151.65	0.00	0.00	0.00	0.00	0.00	151.65	511.55		3	- 0		0	Ch-		
8,300	8,400	0.00	422.52	0.00	0.00	0.00	0.00	0.00	422.52	648.42		1	0		0	- Chymnes	- V	
8,400	8,500	0.00	864.37	0.00	0.00	0.00	0.00	0.00	742.88	741.50		5	7 0	-	0	Cutt Inchait	14.7	
8,500	8,600	0.00	428.58	0.00	0.00	0.00	0.00	0.00	864.37	724.78		4	0		0		****	
8,600	8,700	0.00	257.66	0.00	1.18	0.00	0.00	0.00	534.16	335.34		4	0		0			
8,700	8,800	0.00	436.79	0.00	0.00	0.00	0.00	0.00	258.84 436.79	384.38 438.96		3	0		0			
8,800	8,900	0.00	308.44	0.00	65.49	0.00	0.00	0.00	373.93	197.02		1	0		0			
8,900	9,000	0.00	132.54	0.00	35.61	0.00	0.00	0.00	168.16	350.67		0	0		0	Cha	14/7.	
9,000 9,100	9,100	0.00	408.54	0.00	0.00	0.00	0.00	0.00	408.54	489.14		1	0		0			
9,200	9,300	0.00	200.91	0.00	1.27	0.00	0.00	0.00	202.18	294.71		1	0		0			
9,300	9,400	0.00	133.12 244.80	0.00	0.00	0.00	0.00	0.00	133.12	73.75		0	- 0	-	0			
9,400	9,500	0.00	594.00	0.00	18.42	0.00	0.00	0.00	263.22	172.92		1	0		0	*****		
9,500	9,600	0.00	280.47	0.00	0.00	0.00	0.00	0.00	612.43	511.82		6	0		0			
9,600	9,700	0.00	213.75	0.00	40.66	0.00	0.00	0.00	280.47	292.76		2	0	-	0	Che	- 14/7.	LND aucha Lagarda
9,700	9,800	0.00	150.26	0.00	0.00	0.00	0.00	0.00	150.26	234.19 360.63		3	0		0			LND pushed on side
9,800	9,900	0.00	188.86	0.00	0.00	0.00	0.00	0.00	188.86	376.96		3	0	-	0			
9,900 10,000	10,000	0.00	213.81	0.00	0.00	0.00	0.00	0.00	213.81	472.89		2	0		0			
10,100	10,200	0.00	339.14 213.24	0.00	63.97	0.00	0.00	0.00	403.11	362.39		2	0			//	4115	
10,200	10,300	0.00	349.38	0.00	0.00	0.00	0.00	0.00	213.24	416.98		2	D	1	0	C-A Darin.	14/7	Sm trees
	10,400	0.00	389.42	0.00	0.00	0.00	0.00	0.00	349.38	363.65		5	0		0			
10,400	10,500	0.00	563,97	0.00	0.00	0.00	0.00	0.00	389.42	428.93		3	0		0			
10,500	10,600	0.00	240.92	0.00	0.00	0.00	0.00	0.00	563.97 240.92	444.30		3	0		0			
	10,700	0.00	214.83	0.00	11.47	0.00	0.00	0.00	240.92	319.65		0	0		0	Chec.	1417.	1 med
	10,800	0.00	358.26	0.00	93.14	0.00	0.00	0.00	451.40	354.02	-	(ri)	0		0		l.	
	10,900	0.00	299.31	0.00	0.00	0.00	0.00	0.00	299.31	329.32		61	0		0		1016	Iree renoved and daved and Go
	11,000 11,100	0.00	207.25	0.00	73.66	0.00	0.00	0.00	280.91	276.30		2	0		0		Charge	2 Both back to blade over Dall
	11,100	0.00	219.60	0.00	198.63	0.00	0.00	0.00	418.23	283.92		0	0	1	0			and and better - 10
1,200	11,300	0.00	594.69	0.00	23.66	0.00	0.00	0.00	481.13	301.13		2	0		0	Floren	20/2/200	- Tree renoved and shared ento Safe > Both back to blade energy path - n 0. I large Batte preper back towards former h
1,300	11,400	0.00	234.22	0.00	142.21	0.00	0.00	0.00	736.90	521.01		3	0	10-1-1-1-1	0	11	14/2	allage
					90.16	0.00	0.00	0.00	324.38	198.75		1	0		0	and a state of the same		same prished back triveds to men t

Document Reference: 2X109-LIS-0269-2(0)

IN STREET
- Terraria - Terraria
Safe love
- mulched
c head
s track

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Western	Slopes Bioregion	

CHAIN	AGE (m)	Civil Distu	rbance (sgm)	Blade Sv	vept (sqm)	Up	grade Compl (PCT 277)	etion	Upg	rade Comple (PCT 290)	etion	Specimen [non-remo	trinslocatio of I within b	in / romoval (ode swept)	Blade swept pruning/select removal		
From	To	ECT-272	PCT 290	- PET 277	PCT 290	Forecast	Actual	Delta	Forecast	Actual	Deita	HET	Acadia	Pomaderrö	Ecologist signoff		Comments
11,400	11,500	0.00	113.05	0.00	27.87	0.00	0.00	0.00	140.92	195.16		2	0	0			
11,500	11,600	0.00	216.00	0.00	0.00	0.00	0.00	0.00	216.00	266.43		1	0	0	1413.		
11,600	11,700	0.00	399.84	0.00	0.00	0.00	0.00	0.00	399.84	342.62		0	0	0	-		
11,700	11,800	0.00	183.64	0.00	0.00	0.00	0.00	0.00	183.64	107.72		0	0	0			
11,800	11,900	0.00	71.09	0.00	0.00	0.00	0.00	0.00	71.09	232.54		1	0	0			
11,900	12,000	0.00	244.35	0.00	0.00	0.00	0.00	0.00	244.35	240.82		2	0	0			
12,000	12,100	0.00	244.71	0.00	0.20	0.00	0.00	0.00	244.91	383.07		2	0	0	11 11/1	2.1	
12,100	12,200	0.00	37.60	0.00	0.00	0.03	0.00	0.00	37.60	326.04		2	0	0	14 7 2020	Sombrees	
12,200	12,300	0.00	436.77	0.00	0.00	0.00	0.00	0.00	436.77	336.53		3	0	0			
12,300	12,400	0.00	409.91	0.00	69.94	0.00	0.00	0.00	479.85	260.31		0	0	0			
12,400	12,500	0.00	575.75	0.00	80.44	0.00	0.00	0.00	656.19	329.50		4	0	0			
12,500	12,600	0.00	190.90	0.00	0.00	0.00	0.00	0.00	190.90	215.84			0	0			
12,600	12,700	0.00	52.61	0.00	0.00	0.00	0.00	0.00	52.61	293.72		8	0	0			
12,700	12,800	0.00	119.52 218.32	0.00	0.00	0.00	0.00	0.00	119.52 218.32	249.23 395.08		2	0	0			
12,800	12,900	0.00	165.20	0.00	0.00		0.00	0.00	165.20	268.47		1	0	0			
13,000	13,100	0.00	146.28	0.00	0.00	0.00	0.00	0.00	146.28	254.22		2	0	0			
13,100	13,200	0.00	272.39	0.00	0.00	0.00	0.00	0.00	272.39	177.33	*****	2	0	0			
13,200	13,300	0.00	288.02	0.00	0.00	0.00	0.00	0.00	288.02	318.61		3	0	0			
13,300	13,400	0.00	239.03	0.00	26.47	0.00	0.00	0.00	265.50	457.21		2	0	0			
13,400	13,500	0.00	455.81	0.00	0.03	0.00	0.00	0.00	466.84	438.46		1	0	0	14/2/2	tore she here are	ound annualizie
13,500	13,600	0.00	182.28	0.00	279.75	0.00	0.00	0.00	452.03	249.70		1	0	1 [3]	V 10/12020 /100	Mauler Stalay	here remailed in the
13,600	13,700	0.00	1188.82	0.00	18.18	0.00	0.00	0.00	1207.00	1051.15		· · · · ·	0	0	K lojuja 20 Crash	in an in the second	by the standard nation
13,700	13,800	0.00	488.41	0.00	0.00	0.00	0.00	0.00	488.41	353.93		0	0	0		aroses ponesse	87.4.54
13,800	13,900	0.00	211.33	0.00	0.00	0.00	0.00	0.00	211.33	244.22		2	0	0			
13,900	14,000	0.00	180.10	0.00	0.00	0.00	0.00	0.00	180.10	270.21	**********	4	0	0			
14,000	14,100	0.00	284.59	0.00	0.00	0.00	0.00	0.00	284.59	442.39		3	0	0			
14,100	14,200	0.00	203.71	0.00	15.00	0.00	0.00	0.00	218.71	192.24		1	[0] 5	0	× 12/0/2020 14/2/	010	7
14,200	14,300	0.00	209.50	0.00	0.00	0.00	0.00	0.00	209.50	243.93		2	18 [0]	0	1		(In ween cliqued
14,300	14,400	0.00	58.90	0.00	0.00	0.00	0.00	0.00	58.90	154.69		0	6 [0]	0	1 1 1 20 4		(avoural A rasignal
14,400	14,500	0.00	122.97	0.00	0.00	0.00	0.00	0.00	122.97	170.81		2	0	0	156202 AV	No habitat press	Con wees chared around A proving I hage mid
14,500	14,600	0.00	183.57	0.00	0.00	0.00	0.00	0.00	183.57	138.48		0	2 [0]	0	The second	1	1
14,600	14,700	0.00	223.46	0.00	0.00	0.00	0.00	0.00	223.46	123.36		1	1 [0]	0	Cherry 14/7/2		of sm. trees
14,700	14,800	0.00	104.22	0.00	0.00	0.00	0.00	0.00	104.22	108.72		2	1 [0]	0	Chens 14/72	020	5
14,800	14,900	0.00	357.88	0.00	0.00	0.00	0.00	0.00	357.88	240.91		3	0	0			
14,900	15,000	0.00	508.83	0.00	0.00	0.00	0.00	0.00	508.83	514.60		1	0	0			
15,000	15,100	0.00	202.17	0.00	65.84	0.00	0.00	0.00	269.01	256.19		0	0	0	Chen 14/2/2020		
15,100	15,200	0.00	590.13	0.00	0.00	0.00	0.00	0.00	590.13	523.80		0	[0]	0			
15,200	15,300	0.00	470.66	0.00	0.00	0.00	0.00	0.00	470.66	496.39		0	0	0			
15,300	15,400	0.00	306.65	0.00	0.00	0.00	0.00	0.00	306.65	438.80		0	0	0			
15,400	15,500	0.00	363.90	0.00	0.00	0.00	0.00	0.00	363.90	205.32		4	0	0			
15,500	15,600	0.00	271.88	0.00	0.00	0.00	0.00	0.00	271.88	155.01		4	0	0			
15,600	15,700	0.00	285.14	0.00	33.49	0.00	0.00	0.00	318.63	301.70		4	0	0			
15,700	15,800	0.00	403.20	0.00	203.88	0.00	0.00	0.00	607.08	332.36		6 (I) 1	D	0	Char 14/7/2020	2 trees I HBT	Supervised onfelling E
15,800	15,900	0.00	362.71	0.00	0.00	0.00	0.00	0.00	362.71	289.08			0	0			· · · · · · · · · · · · · · · · · · ·
15,900	16,000	0.00	261.27	0.00	5.16	0.00	0.00	0.00	266.43	469.04		10	0	0			
16,000	16,100	0.00	480.41	0.00	15.35	0.00	0.00	0.00	495.76	494.69		2	0	0	Cher 14/3/2020		
16,100	16,200	0.00	294.52	0.00	7.95	0.00	0.00	0.00	302.47	521.12		2	3	0			
16,200	16,300	0.00	\$97.65	0.00	7.41	0.00	0.00	0.00	605.06	588.69		3	0	0	Chy 14/2/2020		
16,300	16,400	0.00	632.26	0.00	0.00	0.00	0.00	0.00	632.26	817.35		1	0	0	Chy 14/7/2020		
16,400	16,500	0.00	435.40	0.00	0.00	0.00	0.00	0.00	435.40	330.40		2	0	0			
16,500	16,600	0.00	342.61	0.00	0.00	0.00	0.00	0.00	342.61	246.38		1	· 0	0			
16,600	16,700	121.18	217.07	7.04	27.95	128.22	66.10	-62.12	245.02	39.66		2	2	0			
16,700		174.68	0.00	0.00	0.00	174.68	147.39	-27.29	0.00	0.00		1	0	0	Ghan 14/2/2020	Prined overhas	ging branch
16,800	16,900	344.67	0.00	0.00	0.00	344.67	293.64	-51.03	0.00	0.00		2	0	0			0 9
16,900		389.24	0.00	0.00	0.00	389.24	215.85	-173.38	0.00	0.00		1	0	0			
17,000	17,100	379.32	0.00	0.00	0.00	379.32	320.83	-58.49	0.00	0.00		0	0	0			

Document Reference: ZX109-US-0269-2(0)

Aarons Pass Road Vegetation Clearing - Final Report | Zenviron Pty Ltd





			memphane of t	hills in the sou	pen forest on	s shrub low op	III COSSOLE gras	is sensity du		n	lopes Bioregio	western S				
	Blade swept pruning/select removal		trun locatio Ival within b		tion	ade Complei (PCT 290)	Upgr	etion	rade Comple (PCT 277)	Upg	opt (sym)	Blade Swo	bance (sqm)	Civil Distur	4GE (m)	CHAIN
		Pomaderris	Acapia	HRT	Oslta	Actual	Forecast	Delta	Actual	Forecast	PCT 250	PCT 277	PCT 293	PCT 277	TO	From
Comments	Ecologist signoff	D	0	D		0.00	0.00	-73.23	95,19	168.41	0.00	0.00	0.00	168,41	17,200	17,100
		0	0	0		0.00	0.00	37.52	65.33	27.81	0.00	0.00	0.00	27.81	17,300	17,200
		0	0	0		0.00	0.00	-219.12	74.61	293.72	0.00	0.00	0.00	293.72	17,400	17,300
		0	0	0		0.00	0.00	-631.09	167.66	798.75	0.00	0.00	0.00	798.75	17,500	17,400
		0	0	0	***********	0.00	0.00	-429.86	27.66	457.52	0.00	0.00	0.00	457.52	17,600	17,500
		0	0	0	******	0.00	0.00	-17.26	0.00	17.26	0.00	0.00	0.00	17.26	17,700	17,600
	*******	a	0	0		0.00	0.00	-141.84	67.36	209.19	0.00	0.00	0.00	209.19	17,800	17,700
		0	0	0		0.00	0.00	-27.44	25.75	53.18	0.00	0.00	0.00	53.18	17,900	17,800
		0	0	0		0.00	0.00	-20.01	286.20	306.21	0.00	0.00	0.00	306.21	18,000	17,900
		0	D	0		0.00	0.00	-159.37	136.04	295.41	0.00	0.00	0.00	295.41	18,100	18,000
		0	0	0	********	0.00	0.00	-36.74	102.30	139.05	0.00	0.09	0.00	138.95	18,200	18,100
		0	0	0		0.00	0.00	-185.50	132.43	317.92	0.00	4.08	0.00	313.84	18,300	18,200
		0	0	0		0.00	0.00	-173.72	158.64	332.36	0.00	0.00	0.00	332.36	18,400	18,300
		0	0	0	******	0.00	0.00	-184.31	101.27	285.57	0.00	0.00	0.00	285.57	18,500	18,400
		0	0	0		0.00	0.00	-181.97	376.50	558.47	0.00	0.00	0.00	558.47	18,600	18,500
		0	0	1		0.00	0.00	-148.73	175.00	323.73	0.00	0.00	0.00	323.73	18,700	18,600
		0	0	0		0.00	0.00	4.52	109.42	104.89	0.00	0.00	0.00	104.89	18,800	18,700
		0	0	2		0.00	0.00	49.61	268.11	218,50	0.00	0.00	0.00	218.50	18,900	18,800
		0	0	1		0.00	0.00	-92.86	293.92	386,78	0.00	0.00	0.00	386.78	19,000	8,900
		0	0	1		0.00	0.00	-78.13	43.74	121.87	0.00	0.00	0.00	121.87	19,100	19,000
		0	0	0		0.00	0.00	-56.06	305.27	361.34	0.00	0.00	0.00	361.34	19,200	9,100
		0	0	2		0.00	0.00	12.41	174.63	162.22	0.00	0.00	0.00	162.22	19,300	9,200
		0	0	3		0.00	0.00	-55.67	218.86	274.53	0.00	54.49	0.00	220.04	19,400	9,300
		0	0	0		0.00	0.00	-77.55	218.89	296.44	0.00	6.99	0.00	289.45	19,500	9,400
		0	0	3		0.00	0.00	9,44	278.54	269.10	0.00	0.00	0.00	269.10	19,600	9,500
		0	0	0		0.00	0.00	-142.18	74.39	216.57	0.00	0.00	0.00	216.57	19,700	9,600
		0	0	0		0.00	0.00	-42.60	28.13	70.73	0.00	5.36	0.00	65.37	19,800	9,700
		0	0	1		0.00	0.00	-161.50	108.86	270.36	0.00	5.37	0.00	264.99	19,900	9,800
		0	0	1		0.00	0.00	-13.28	110.14	123.42	0.00	0.57	0.00	122.85	20,000	9,900
		0	0	1		0.00	0.00	-153.78	54.38	208.17	0.00	12.05	0.00	196.12	20,100	0,000
		0	0	2	*****	0.00	0.00	115.20	190.08	74.88	0.00	0.04	0.00	74.84	20,200	0,100
		0				impact any t									20,300	0,200

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