# Aarons Pass Road Vegetation Clearing - Final Report

## Zenviron Pty Ltd





• 1300 646 131 www.ecoaus.com.au

#### **DOCUMENT TRACKING**

Project Name	Aarons Pass Road Vegetation Clearing Final Report
Project Number	19MUD_13618 / 13731 and 20MUD_16229
Project Manager	Kalya Abbey
Prepared by	Cheryl O'Dwyer, Elise Keane
Reviewed by	Kalya Abbey
Approved by	Kalya Abbey
Status	Final
Version Number	V2
Last saved on	4 September 2020

This report should be cited as 'Eco Logical Australia 2020. *Aarons Pass Road Vegetation Clearing Final Report*. Prepared for Zenviron Pty Ltd.'

#### **ACKNOWLEDGEMENTS**

This document has been prepared by Eco Logical Australia Pty Ltd with support from Zenviron contracted surveyors.

#### Disclaimer

This document may only be used for the purpose for which it was commissioned and in accordance with the contract between Eco Logical Australia Pty Ltd and Zenviron Pty Ltd. The scope of services was defined in consultation with Zenviron Pty Ltd, by time and budgetary constraints imposed by the client, and the availability of reports and other data on the subject area. Changes to available information, legislation and schedules are made on an ongoing basis and readers should obtain up to date information. Eco Logical Australia Pty Ltd accepts no liability or responsibility whatsoever for or in respect of any use of or reliance upon this report and its supporting material by any third party. Information provided is not intended to be a substitute for site specific assessment or legal advice in relation to any matter. Unauthorised use of this report in any form is prohibited.

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).

## Contents

1. Introduction	1
1.1 Approved clearing limits	2
2. Native vegetation extent	4
3. Pre-clearing survey	4
3.1 Management of threatened flora	5
4. Phase 1 - Broad vegetation clearing	6
5. Phase 2 - Clearing of habitat trees	6
6. Clearing extent	8
7. Final ecological inspection	10
8. Conclusion	10
References	10
Appendix A Clearance Chainage Table	11
Appendix B Final Ecological Inspection Table	15

## List of Tables

Table 1: Pre-clearing survey dates	4
Table 2: Location and number of Habitat trees cleared	7
Table 3: Active fauna management during phase 2 habitat tree clearing	8
Table 4: Location of final blade swept pruning/select removal	8

## 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
-----------------------	--------------

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 Phase 2 clearing	Chainage	No. of habitat trees	Comments
30 Aug 2019	2200-2800	3	No fauna
06 Sept	3100-5500	37	1 Brushtail possum. 1 Peron's tree-frog
13 Sept	200-1300	10	No fauna
13 Sept	4600-4900	3	1 Sugar glider; 1 tree skink
20 Sept	1400-1500	1	1 Barn owl
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 <sup>th</sup> June	3700-3800	1	No fauna
11 <sup>th</sup> 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).

Table 4: Location of final blad	e swept pruning/select removal
---------------------------------	--------------------------------

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

Collaboration (

34.0.1

1,109 1,109 6.200 1/3/00

1460 15/2 1,800 1,755

2,800 2,900 3,000 3,100 3,240 3,300 3,400

3,300 3,600 3,700 3,800

3,900 4,000 4,100

4,200 4,300 4,400

4,500

1,500

4,700

4,300

4,900

5,000

5,100

5,200 5,300

6)0

				C	WE Aarons Pa	ss Road Ung	rada - Ear		Ground Dictur	rhance Summa	(i	12 comp - Phoen1 - brond vegetarthe within construction align
CONTROL     C							ecalstee	HBT Acacia Pomaderris	Hollow Bearing Tree Acacia Meiantha specim Pomaderris Recta speci	in y pr ien men 3	12-comp - Phase 2 - HIBT monorn regulation his training # SM Sebustian Madden []	
n (m)	Addition	$(1.52, \sigma^2) < (5.5)$	iils).	$= \alpha  I_{S \in \{0\}}$	Special management	i ni Anna ann ann ann	noste (6,177	in the second se	Ecological inspection of PCT marked zoning	Disturbance Limit		Ecological clearing inspection
- Ju	Steptt-	((1) g)	25 12 11	61 (95		$J_2(z_2)s_1$			Signoff / NA	Signoff	Signoff / NA	Comments
100	0.00	0.00	0.00	0.00	õ	0			1/Laty 05/09	14616 05/09	LOO HET	
200	0.00	0.00	0.00	00.0	0	0	· · · · · · · · · · · · · · · · · · ·	ni Line an an			100 100	
300	0.00	1 49.60	0.00	5.62	\$ <u>1</u>		-l	?			March	1465 cleared 10/9
500	0.00	0.00	0.00	6.00	<u>¥.</u>	0		4			Carlo	3. MS) cleared (0/9
600	0.00	20.19	0.00	00.0	07	0		d			alada	AHBI WOLLINZI
700	0.00	451.83	0.00	0.00	2	0			V.	V.	eluh	2 thi cleared 10/9-Bres
608	0.00	531.81	0.00	29.93	0	0		C	4Kelly 06/09	Thelly cc/og	elud.	0461
900	0.00	292.28	0.00	1 4.24				2) 	No		elmh	. 6461.
1,000	0.00	1.122.00	0.00	57.32	1.	0					evar h	2 HBT CLEARED 11/9
1,100	0.00	111.45	0.00	0.00	#Q		1	9 - 1 - 1 - 1 - 1 - 1			elingh	OHDI
1,300	9.00	272.13	9.00	1.00	-\$61. 1	G C		1		· · · · · · · · ·	. elare	1 ABT Cleared 111
1,400	0.00	328.11	0,06	0.09	Q and	0		1			alach	atter
1,590	0.00	205.43	a.60	3.00	L	0					_ clash	_ 2HGT cleared 18/9 1xBorn c
1,500	0.60	152.20	0.00	0.00			- <u>-</u>		1 1 1 1 1 1 1 1 1	int wall		
1.564	- 000 - 030	57.33	0.0		· · · · ·	 a		n e e	cample, Mr.19	allona 19		
1,622	0.00	473 (4	6.09	-1.15		i õ		1 -	2 ( and 11 M	- elega 119	5.27	· · · · · ·
6002	0.05	\$25.94	0.00	6.00	0		-	Chery D	Cha	Chen and	at dri	Phose 1
2125	6 QB	111.33	0.00	0.02	0, 1, 1,			J,	Cha	char	1 C C B	phase 1
149	2.25	\$3.27	C.00	1.39					Chy	alteria .		and V
		0553 336.73	1.00	127-				4	Cator	Charles	Charles Str	-
620	200	115 52	6.30	1.90	Ô	. 0	-		Esta	Carlo and	2- HOT'S	4
2.4	0.00	134.25	0.03	155.49	$\gamma$	0			C.M.	the second	iline in	8
111	. D'	173.69	0.00	2.15	Ū,			· . · ·	Eta-	chan 1	L HOT	
11	6,62	203 55	0.00	200	(c).	. 9			Chan	Cham	Cherry M	PT CHARLES IN THE
12.02	0.00	, :12:.67	0.02	-4.15		'. <u>9</u>		Hermin	- Chica	Contraction	1	141 GMP 3421A 41
3.159	0.00	315.58	0.05	5.05				1 Jellion	400	As	No HO.	11
3.226	0.00	601.23	0.00	3.13	51		· · ·		1 St	na -	CO.E.R.	VI & HIRT OWLOY
3.359	0.00	473.87	0.90	11.95	00	i c			11 A	Copper copper	Thats	as No HR To removed
3,450	0.00	1 112.33	0.00	0.33	10	0			1KG	1	thely	No. HIBTS remarked
3,500	2.60	3936	0.05	0.09		ů,	· ·		The	0000	Well's	Removed HBT introped in the
3,800	0.00	271.77	0.00	0.00	· · · · · · · · · · · · · · · · · · ·				15.	the second	The Martin	Cleaned ELA supering of
3,200	0.00	436.23	0.00	29,53	4 4 K 2		-	1.	11N	in illy in the	All Al	La 19 15 (leser) 4/37
3,900	0.00	303.45	0.00	0.50		0		the same same	- NORD-	K	fieldy	1x HOT clement 02/04, 30 LIAT
4,000	0.00	307.78	0.00	1.84	17	f C		ASPERIO	The state	1 Stan	Melley	
4.100	0.00	248.72	0.00	33.25	12	<u> </u>	- 2	13 south	The	hammen	Milling	a title in the strength and the strength and
4,200	0.00	258 75	0.00	0.00	02				Me	Man	(helley)	IN E. welliebon HBT just which
4,300	0.00	311.52	0.00	0.00				È C	Ty-		The de	
4,500	0.00	428 31	0.00	0.00	3		i da i e i e E	<u>-</u>	M.	UA-	dans.	16 4534 Remar & Emil Los
4,600	0.00	341.54	0.00	0.00	1 -20	e (en al a			1	St.	Shala	164601 Remore has
4,700	0.00	337.05	0.00	0.00	11	0	1	here	German	later	elister Ti	19 E2 commenced 02/06-Tr. 1
4,800	0.00	516.40	0.00	0.09	1210	glog (tik)		Cheyl.	Charge 2.	Chipes	waves field of	19A Additional HIBT knocked. 1
4,900	0.00	1 952.54	0.00	2.90	16	·····			Charry	Con	Will State	1 14Br. knychia
5,100	0.00	315.61	0.00	0.00	21	0	t		16da	Che	Shello option	1 042 and 13/217 IX Duer G
5,200	0.00	223.46	0.00	0.00	0 2	Q.		1 (1 M M	Ching	and the second second	VILLE OG/09	OS/09
5,300	0.00	39.57	0.00	0.00	0 🗸	0			, chil.	Carlos and a second	Milly cajog	<b>↓ ↓</b>

1

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



2900 - 5500

-K:



	09	~20		PCT 277 PCT290	Blakely's Red G Red Stringybar the southem p	ium – Yellow Box gr k – Red Box – Long- art of the NSW Sou	rassy tall woodland of the leaved Box – Inland Scrib th Western Slopes Bioreg	NSW South Westen bly Gum tussock gra jon	n Slopes Bioregion ss shrub low open fon	est on hills in	HBT Acacia Pomaderris	Hollow Bearing Tree Acacla Melantha specim Pomaderris Recta specir	en nen	PH ·
ſ	1992    19	$0 \geq n_2 \leq \ldots$	$(i_0)_{i_0}$	$\phi_{i}^{(1)}(x) = \phi_{i}^{(1)}(x) + \phi_{i}^{(1)}(x)$	i gar Est	$(e_1, p_2, \delta) \in \mathbb{R}^3$	to reput the construction	$(0.5)/(m_{\rm eff}^2 + 0.11)$	an an is a state	(Aref)	Ecological inspection of PCT marked zoning	Disturbance Limit Surveyed & Marked	(F	Ecological clearing inspection PCT areas / HBT / Acacia / Pomaderris)
ł	J'maile	Îŭ,	Re des	and a second	CONTRACTOR	F F F With	3865	0.665	1 1.11	The second second	Signoff / NA	Signoff	Signoff / NA	Comments
ſ	5,300	5,400	0.00	17.47	0.00	1.21	0 2	0	1	1. 2r4KE	altronto	llood	Helly 06/09	PHIL Comp 35/8/19 R. PHIL Componented
l	5,400	5,500	0.00	202.95	0.00	0.00	021	0	1	0	Elrer 1	Dutte	fille de por	12× HBTS IX ST + BOBSING
- 1	5,500	5,600	0.00	164.21	0.00	0.00	1	0			perodo	Level		and a second
1	5,600	5,700	0.00	131.15	0.00	0.00	1	0		£	Beroakg	Klucolog	L 101.01	
- 1	5,700	5,800	0.00	259.31	0.00	0.00	3 🗸	0	and a survey of		DE AVERO	Reiberto	Chery TUP T	<ul> <li>A state of the sta</li></ul>
	5,300	5,900	0.00	1.82.05	0.00	0.00	1	0	مديد ۽ پريز زيند ه	Contractory manage	REACTER	RUJ TEO	Chery! Street	1 Carther all and report aller it
	5,900	5,000	0.00	386.62	0.00	0.00	1+1	0		· · · · · · · · ·	(nery) O'myo	Charge	Mary Julie	PH 1 march 1 82 104
	6,000	5,100	0.00	336.58	0.09	0.00	<u></u>	0				C.C.		TILL CONNECCUL SALL
	8,100	6,200	0.00	435.75	0.00	3.00			and a second	1	COLUMN AND A	Chatter .	TELO INTE	a a tra tra tra tra tra tra tra tra tra
- 1	6,200	6,500	0.00	467.15	0.00	0.00			eren he con se	a succession and	When you when	6 1200000	FILA JUN	2. ppp paper second at the distribution operation of the first of t
09	S 400	5.560	0.00	272.20	0.00	0.00	n	1		1 A. S. M.	and the more server	- CT	Consider Action	
1.1	9809 S 500	5,600	6.00	94.53	0.00	0.00	à.				Classed O'Delec	Chan-	Th or wat	2 kingtal VOS/09
Timps	5,230	6,200	0.00	354.67	0.00	0.00		0			CORAL STREETS	Class		+ 4x Bats Ser 1 PHZ
Σ.	5.763	6.800	0.00	426.61	0.00	0.00	6 Ver	i 0	- 11 - 11 -		· · · · · · · · · · · · · · · · · · ·	Cher	1 dala	1x Brishdull Melegred
	5,800	6.355	6.00	374.35	0.30	0.00	0	0			a page and a first three boards to be	Como	2/11/2	V 3x Suger
	5.500	7.000	0.00	278.68	0.00	0.00	2.3	0	and the second		· · · · · · · · · · · · · · ·	et-		\$1 Constaked to 05/09 - T.KELLY
	7,609	7,100	0.00	238.42	0.00	0.60	1 -	0			1	COCE	[]	······································
	21.00	7.500	64.0	155.75	60.6	0.09	2 🗸	0		:	Cherry O'Durger	them.	1	
	7200	1,133	6.00	152.75	0.00	0.00	Т 0	. 0			- J, J	lass same	12 NO HAT	Signation of accession of the second se
	73,00	2002	3 (3	25.97	0.00	0.00	0	0					1	010
	7400	1.0	0:0	289.93	0.09	3.2.93	2~).	0		(			Tichha	HIZ CO
	7500		2.06	\$0,47	G 00	10.25	24.	G				a da a	Diagona	Ax BROWCHARD WELENCH
	7602	- 1. j	(shi) .	358.95	6.00	6.03	24				,	the first of the second second	1 and and a	a de la Chara
	7700	1,254	0.00	382.99	0.00	71.92	1/1,2	5	• · · · .			Ether	de	3.8.2.2.2.
	7800	49.5	0.00	276.19	0.00	6.00	0			OZICO	non Kelly_	Crewe recep	M	1 - Production
	-7400	5,2475		260.92	0.00	365,05	45			~				i w Block Chief
	2000	e 100	0.00	213.17	0.00	36.16	1 B	÷	en john er e		DPA .		J	1×5kink
	\$363		6.00	400.60	0.00	0.09	····	- · · · · · · · · · · · · · · · · · · ·			97. June 1997 1997	a ser al ser and	A is ulia	2 1 Trush
	B-200	3,000	2.00	742.02	. 0.00	0.60	<u></u> /	1	1	16 19	Town Valle	Auces 7. K	102	2. Sigor
	\$300	22222	6.63	264.37	0.00	0.00	1.77 .			05/09	1003 155050	7. (20)	and the second s	1x Bruch
	1500	3,500	0.00	£78.58	0.00	105.53	17.58		antes en el comp	- 55/09	SAN		119 119	
	8.500	3,700	8.60	257.66	0.00	1.13	3 4	0		·····	AR	V	a2/ min	
al	3,700	\$.200	0.00	436,79	0.00	8.00	3 0		· .· ·			prespelly	11.	I sugar alider relocator.
47	3 900	8,960	00.5	308.44	0.00	65.49	1 1	1 0	· · · · ·	10/04	Else Keane	itest.	Dorler	
" I	8,900	9,000	0.00	132.54	0.00	35.61	0 2	0		· · · · · · · · · · · · · · · · · · ·	and the state of the state of the state	1	1	
	9,000	9,100	0.00	408.54	0.00	0.00	V 1]	0		21			12/12/17.	I ring toul possion relocated
	9,100	9,200	0.00	200.91	0.00	1.27	S 1	0			- 6	V.		
	9,200	9,300	0.00	133.12	0.00	0.00	V 0 34	C		1//9	Eliz Kenne	clash	- Carlon	1. Owlet - Nightor . iclocated
	9,300	9,400	0.00	244.80	0.00	13.42	2. 1	j 0	· · · · · · · · · · · · · · · · · · ·	£1	ý.			g. Marked HBT+ did not-have
5	3,400	9,500	9.00	594.00	0.00	18.42	4 6	0		12/9	Elise Keone	. club	1 (a	hollows
3	9,500	9,600	3.60	230.47	0.00	0.00	18 2 18.	0					- ¥	P. M. an 10-1 2010
	9,600	9,700	0.00	,213,75	0.00	40.55	3		,	2	and a second of a spinor			Line Sempleted 2017
	9,700	9,800	0.00	150.26	0.00	0.00	3	0	aa nage na sie -	in the second			- a tillity	214
	9,300	9,900	0.00	158.55	0.00	0.00	3			,1 i.i			0	TEL.
	9,900	10,000	0.00	213.81	0.00	0.00	a service and a part of		in i qui en e e		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10.23 to 10.000	PFe	1
	10,000	10,100	0.00	359.14	0.00	0.00				1210	Star Kar	- but	2/2/ Jer	PH Charlabert
	10,200	10,200	0.00	246.22	0.00	0.00				19/1	cure reare		The Jan	and a stand of the second of t
	10.300	10.400	0.00	329.42	0.00	0.00	3		1.1.40.0.1	for the	[		11010119	addresses and a second se
	10,400	10,500	0.00	563.97	0.00	0.00	12		n andre en er er er er	100 · · · · · · · · · · · · · · · · · ·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5	1 Sallen	
1	10,500	10,600	0.00	240.92	0.00	0,00	0	0		6.			y yours	X
'	· ·, * (*, * · · · · · · · · · · · · · · · · · ·	and the second	<ul> <li>(a) (a) (a) (a) (a) (a) (a) (a) (a) (a)</li></ul>	No. 1999 No. 1999 No. 1999	NACING STR	· · · · · · · · · · · · · · · · · · ·	t says and provide the says of the	1		1		- · · · · · · · · · · · · · · · · · · ·		

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





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

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

Pomaderris Pomaderris Recta specimen

Phase 1 - Broad vegetation removal

Phase 2 - HBT removal and final vegetation pruning/fine tuning

CIPANN	(GF.(m)	(00000)30	(listing discuri	ithis is an	unat lizarah	Spisional	rtuurshorm(su) :	(anave) (	Ecological Inspection	Disturbance Limit	Ecological clea	ring inspection	Structural/root zone	
			1		other fielded	[non-rem	ovel endine bloke	condas] o	of PCT marked zoning	Surveyed & Marked	(PCT areas / HBT / A	Acacia / Pomaderris}	inspection	
17 (80)	16	and the second s	14(61) (19)4	10.051-23.9	17(01-2010)	TRIET	Accades 19	anicadian dis	Signoff / NA	Signoff	Phose 1 progress / NA	Phase Z Signoff / NA	Sign / NA	Comments
10,600	10,700	0.00	214.83	0.00	11.47	3V	0	0 4	Ellie Keane	Chick 13/2	- Chief Ken	1		THE Completen
10,700	10,800	0.00	358.26	0.00	93.14	4 V	0	0	N N	+	Eline K	1		
10,800	11,900	0.00	299.31	0.00	0.00	1/3	8 0		STOR READE	almh 16/7	EUSA N	Caper		
10,900	11,000	0.00	207.25	0.00	73.66	204	0	0	y 1005	4	cher /	10010020		D 2002 200 0 0 0 1061
11,000	11,100	0.00	219.60	0.00	198.63	12	0	0	Chey! Oury	Change 1911	charge 1	11/2		( LURT maked 1 041 And The
11,100	11,200	0.00	437.47	0.00	23.66	24	0	0			Tayla	-11 yees		f HIGT MODELET THE COMPTER ZING
14 200	11,300	0.00	334.03	0.00	142.21	1	0	0	V	21 101	WELLY Milly	35 25 2		V Rough 1 1 more a palagorie of call
11,300	11,400	0.00	112.00	0.00	90.16	1.			Chery 1 012	Ches M	-	6540410		1 Drustient possin - relocation sert
11 500	11,500	0.00	216.00	0.00	27.87	2. V.1		0	cheg! o'his	Cha 19/9	21/01	C 00,		2 161
11,500	11,000	0.00	200.24	0.00	0.00	4.9			Elije neene	clech 2011	81	1. 0	· · · · · · · · · · · · · · · · · · ·	
11,000	11,700	0.00	103.64	0.00	0.00	03	5 0					11200	0 1	
11 800	11,000	0.00	71.00	0.00	0.00	1 1	1					in nu - per	P	auto the
11 900	12,000	0.00	244.25	0.00	0.00	and and a set	1	6			( ) - i   - + + + + + + + + + + + + + + + + + +	+1O. Sler	- 10 Ya	2061 Marca
12,000	12 100	0.00	244.33	0.00	0.00	2		0				- 9.25	N. 1	SHOT moter I finated action related
12 100	12,200	0.00	27.60	0.00	0.20	1	0	0	- W	11 11 00100		V12 150:		SAST Mences I Martin posterio Teneco
12 200	12 300	0.00	426 77	0.00	0.00				KELCI	mere 25/09		and the second		TA ADICIA PROVINT PROVINT PROVINCE PROVINCE
12 300	12,000	0.00	400.01	0.00	CO 0.4		1		1 + ++ + ++	(a.e., ) = (a.a. (		TA		
17 400	12,500	4.04	405.51	0.00	00.04						1 1 1 1 m 1 m			and the state of the second of the second state of
17 500	12,000	0.00	100.00	0.00	0.00	1	0	~ ~						32 HET LOLKED OG CLUCA LORGENTION .
12,500	12 700	0.00	E3 61	0.00	0.00	4								District three
12,000	12,700	0.00	110.62	0.00	0.00	0			Y	4	1 Ann			CU MGT NAUCOS
12 800	12 000	C.00	110.32	0.00	0.00	····			· · · · · · · ·	241	ENNER			LE HER COMPANY
12,000	\$3,000	0.00	110.32	0.00	0.00		· · · · · ·		IKEUY	5T/G	· · · · · · · · · · · · · · · · · · ·	X		A second a second secon
12,990	13,000	0.00	160.20	0.00	0.00	1	0	0			· · · · · · · · · · · · · · · · · · ·	- 1 - 10	1. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	2x higher Steven
13,000	12,200	0.00	145.28	0.00	0.00	2	0	0	Y		Louis Comme	1100		Fre Engres Centersted
13,100	13,200	0.00	272.39	0.00	0.00	2	0	- 0	740.0	- arlus	a second commentation	221-1		And the second sec
13,200	13,300	0.00	288.92	0.00	0.00	1 3	0	0	TREALY	25/04	1 an and an are	anner		
13,300	13,400	0.00	239.03	0.00	26.47		0	0	A			Wug1-	John	
13,400	13,500	0.00	406.81	0.00	0.03		0	0	1 miles	12 11 1	1.1	Shud	4 ·····	A 1105
15,500	13,600	0.00	182.28	0.00	2/9./5	11	0	13	12 hay 04/09	14 Kathy 04/09	Ion IC.	Y II		Bathtal medicies
13,600	13,700	0.00	1188.82	0.00	18.18	1	0	0 4	1 Kellin 04/09	19/2016 04/09	tom.			Marchan America A
-3,700	13,800	0.00	688.41	0.00	0.00	0	0	0 20 0	telse kene	Auch 2019	Tonk.	514		MET MOUBE. Marca Molea
_3,800	13,900	0.00	211.33	0.00	0.00	2	0	0	·····		Elie	- 6/11		
13,900	14,000	0.00	180.10	0.00	0.00	4	0	0						$= \left\{ \begin{array}{c} 1 & 1 & 0 \\ 0 & 1 & 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \\ 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 & 0 \end{array} \right\} = \left\{ \begin{array}{c} 1 &$
14,000	14,100	0.00	284.59	0.00	0.00	3	0	0			1-1	22		2 A rate the 10 dat due bead
14,100	14,200	0.00	203.71	0.00	15.00	1	2[0]	0		Y		for an and the second	1	L'A AIRCONNE TO PARTICICE THEY
14,200	14,500	0.00	209.50	0.00	0.00	2	28 [0]	0			1			23/01
14,500	14,000	0.00	58.90	0.00	0.00	0	6101			ghary	· · · · · · · · · · · · · ·			
14,400	14,500	0.00	122.97	0.00	0.00	2	0	0		1 26/09				
14,500	14,600	0.00	183.57	0.00	0.00	0	2 [0]	0		ma 2 manutine				
14,000	14,700	0.00	223.46	0.00	0.00	1	4 [0]	0		4 - 44 ( ) - 10 Mar ( )		·····		
14,700	14,000	0.00	104.22	0.00	0.00	2	4 [0]	0		1	1			
14,800	15,000	0.00	357.88	0.00	0.00	3	0	0						
15,000	15,000	0.00	508.83	0.00	0.00	1	0	0	CI NOD II	Y tra	V			
15,000	15,100	0.00	202.17	0.00	65.84	0	0		Cherry Olmic	1.10111	0002			
15,100	15,200	0.00	590.13	0.00	0.00	0	1[0]	0	L					
15,200	15,300	0.00	470.66	0.00	0,00	0 .	0	0						5
15,300	15,400	0.00	306.65	0.00	0.00	0	10	0				J		
15,400	15,500	0.00	363.90	0.00	0.00	4	0	0				1		
15,500	15,600	0.00	271.88	0.00	0.00	4	0	0	1. T. C. J. C. Market Str. 1. L. M. M. La		· · · · · · · · · · · · · · · · · · ·	24		
15,600	15,700	0.00	285.14	0.00	33.49	4	0	0				1CVV		
15,700	15,800	0.00	403.20	0.00	203.88	6	0	0				1.2		a cha
15,800	15,900	0.00	362.71	0.00	0.00	1	0	0	V	J. J	1	.11	1	1
											1			TK

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



Page 3 of 4



of Denoberration

GUAREAGE (54)

15,900 16,000

11010

#### CRWF Aarons Pass Road Upgrade - Forecasted Ground Disturbance Summary

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

Birn

Supported and early ( respective intervention ( which is the de style of the second sec

Aliferia John dans

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

Phase 1 - Broad vegetation removal

Phase 2 - HBT removal and final vegetation 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

their straight firs o

Pomaderris Pomaderris Recta specimen

S105.1	Ecological inspection	Disturbance Limit	Ecological clearing inspection	Structural/root zone	
No.	of PCT marked zoning	Surveyed & Marked	(PCT areas / HET / Acacla / Pomaderris)	inspection	
	Signoff / NA	Signoff	Phrse 1 progress / NA Phase 2 Signoff / NA	Sign / NA	Comments
	Cheng	11/10/19	RUBALLY VIJOALLA		Acrola nelatina por also
	Bee fronte	all.	25/10/19 28/10/11		y converted 26/09 - TK
	1				
	110	19.	4		
-	510		A A		

16:00       10:00       00       000       11:00       12:00       10:0	15,900	16,000	0.00	261.27	0.00	5.16	10	0	0	cheni	11/10/19	RUNAUL	VI STALL M	Acrosa nela tra por de	
15.00       15.00 <td< td=""><td>16,000</td><td>16,100</td><td>0.00</td><td>480.41</td><td>0.00</td><td>15.35</td><td>8)</td><td>0</td><td>0</td><td>Bee fronke</td><td>all.</td><td>25/10/19</td><td>25/10/11</td><td>V concreted 26/09 - TK</td><td></td></td<>	16,000	16,100	0.00	480.41	0.00	15.35	8)	0	0	Bee fronke	all.	25/10/19	25/10/11	V concreted 26/09 - TK	
15.200       15.200       0.00       7.11       3       2.00       0	16,100	16,200	0.00	294.52	0.00	7.95	2)	0	0	1	Contraction of the second second	1 - 22 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
15,000       16,000       0.00	16,200	16,300	0.00	597.65	0.00	7.41	3/2	1 0	0		19.	The second	4		
15,000       15,000       0.00	16,300	16,400	0.00	632.26	0.00	0.00	XY	0	0	3101			2		AM 15327127153111
15000       16000       000       0244       000       000       02       0         15700       15700       1214       1127       124       2126       127       0<	16,400	16,500	0.00	435.40	0.00	0.00	2)	0	0				2		
15,000       15,000       174.00       0.00       0.00       0.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       0	16,500	16,600	0.00	342.61	0.00	0.00	1	0	0	A CONTRACTOR OF MELLER AND		7 V ·	1 1		
15,700       15,800       16,800       10,900	16,600	16,700	121.18	217.07	7.04	27.95	2	0	0	1	The statement of the second of the	T. BUILDERSTRATION			
15,000       15,000       1000       0.00	16,700	16,800	174.68	0.00	0.00	0.00	1 /	0	0		A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY.			Declear 16730 ~ 16800 4/10	
15.900       17.00       17.00       0	16,800	16,900	344.67	0.00	0.00	0.00	21	0	0	Elvie Keene 4/10	elah	ihon	S I	Pitase 1 complete	012110
17.000       17.000       17.00       0.00       0.00       0 </td <td>16,900</td> <td>17,000</td> <td>389.24</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>1</td> <td>0</td> <td>0</td> <td>1</td> <td></td> <td>Cilvert</td> <td></td> <td></td> <td></td>	16,900	17,000	389.24	0.00	0.00	0.00	1	0	0	1		Cilvert			
17.100       17.200	17,000	17,100	379.32	0.00	0.00	0.00	0	0	0			010-0			
17,200 17,200 27,31 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0	17,100	17,200	168.41	0.00	0.00	0.00	0	0	0						
17,200       17,200	17,200	17,300	27.81	0.00	0.00	0.00	0	0	0						
17,400       17,500       18,500	17,300	17,400	293.72	0.00	0.00	0.00	0	0	0						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	17,400	17,500	1 16. 20	0.00	0.00	0.00	0	0	0						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	17,500	17,600	457.52	0.90	0.00	0.00	0	0	0		C. MARK CONTRACTOR IN CASE				
17,700 17,800 10,200 10,00 0,00 0,00 0 0 0 0 0 0 0 0 0 0 0	17,600	17,700	17.26	0.00	0.00	0.00	0	0	0				1		
17,200 5333 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0	17,700	17,800	209.19	0.00	0.00	0.00	0	0	0			elado 30/1	O elman I	1xttB7 cleared 3x starbac	chides, ne
17,200 15,000 136,11 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0	17,800	17,900	53.18	0.00	0.00	0.00	0	0	0				1 0		
13,000       1300       1200       0.00       0.00       0       0       0         133,001       13200       1333       0.00       0.00       0       0       0       0         133,001       13200       1333       0.00       0.00       0 <td< td=""><td>17,900</td><td>18,000</td><td>306.21</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0</td><td>0</td><td>0</td><td></td><td></td><td></td><td>3</td><td>1 ritht cleared.</td><td></td></td<>	17,900	18,000	306.21	0.00	0.00	0.00	0	0	0				3	1 ritht cleared.	
13,100       13,250       13,245       0.00       0.00       0 </td <td>13,000</td> <td>18,100</td> <td>295 41</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td></td>	13,000	18,100	295 41	0.00	0.00	0.00	0	0	0				2		
13,200       13,230       13,240       0.00       4.08       0.00       0<	18,100	18,200	138.95	0.00	0.09	0.00	0	0	0						
18,400       18,235       0.00       0.00       0	18,200	18,300	313.84	0.00	4.08	0.00	0	0	0	1	)			1× HST cleared.	
13,400       13,500       235,57       0.00       0.00       0 <td>18,300</td> <td>18,400</td> <td>332.36</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0</td> <td>0 *</td> <td>0</td> <td>Eliz Kenne 2/10</td> <td>chuch</td> <td>PASSA 28/1</td> <td>o spect of</td> <td>ZXHOT deal, Victory galah</td> <td>-703t. 4x lody</td>	18,300	18,400	332.36	0.00	0.00	0.00	0	0 *	0	Eliz Kenne 2/10	chuch	PASSA 28/1	o spect of	ZXHOT deal, Victory galah	-703t. 4x lody
12,500       13,600       558.47       0.00       0.00       0 <td>18,400</td> <td>18,500</td> <td>285.57</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td>1 2</td> <td>IX WAS HEST. P.Mar 1 comple</td> <td>(ed</td>	18,400	18,500	285.57	0.00	0.00	0.00	0	0	0				1 2	IX WAS HEST. P.Mar 1 comple	(ed
13,700       23.73       0.00       0.00       1       0       0         13,700       18,800       104.89       0.00       0.00       0       0       0         13,700       18,800       104.89       0.00       0.00       0.00       0       0       0         13,700       18,800       104.89       0.00       0.00       0.00       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       0       0       1       1       1       1       0       0       1 <td>18,500</td> <td>18,600</td> <td>558.47</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0</td> <td>0</td> <td>. 0</td> <td></td> <td></td> <td></td> <td></td> <td>4× MBT deared</td> <td></td>	18,500	18,600	558.47	0.00	0.00	0.00	0	0	. 0					4× MBT deared	
13,700       128,800       128,800       128,800       0.00       0.00       <	18,600	18,700	323.73	0.00	0.00	0.00	1	0	0					10	
13,000       128,50       0.00       0.00       0.00       2       0       0         13,000       19,000       36.78       0.00       0.00       1       0       0         13,000       19,100       121.87       0.00       0.00       1       0       0         19,000       19,100       121.87       0.00       0.00       0.00       0       0       0         19,000       162.22       0.00       0.00       0.00       0       0       0       1.8.467	18,700	18,800	104.89	0.00	0.00	0.00	0	0	0					1 x HBI cleared	
13,900       19,000       336.78       0.00       0.00       1       0       0         19,000       121.87       0.00       0.00       1       0       0       0         19,000       121.87       0.00       0.00       0.00       1       0       0         19,100       121.87       0.00       0.00       0.00       0       0       0         19,100       121.87       0.00       0.00       0.00       0       0       0         19,200       162.22       0.00       0.00       2       0       0       0       1       1       0       0         19,300       19,200       162.22       0.00       0.00       2       0       0       0       1       1       1       1       1       1       1       1       0       0       1<	18,800	18,900	218.50	0.00	0.00	0.00	2	0	0					#BEES IN 1 HGT V 3×455 CLEO-	e.A.
19,100       19,100       121.87       0.00       0.00       1       0       0         19,100       19,200       361.34       0.00       0.00       0.00       0       0       0       1xtbox	18,900	19,000	336.78	0.00	0.00	0.00	1	0	0	a construction of the second		dinh ill	10 charly	PH2.commenced 21/10 in HGT.cle	ired.
19.200       19.200       151.34       0.00       0.00       0 <td>19,000</td> <td>19,100</td> <td>121.87</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>1</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>IXABT Cleared</td> <td></td>	19,000	19,100	121.87	0.00	0.00	0.00	1	0	0			· · · · · · · · · · · · · · · · · · ·		IXABT Cleared	
19,200       19,200       162,22       0.00       0.00       2       0       0         19,200       19,400       220.04       0.00       3       0       0       0         19,400       19,500       289.45       0.00       6.99       0.00       0       0       0         19,500       19,500       289.45       0.00       6.99       0.00       0       0       0         19,500       19,500       289.45       0.00       6.99       0.00       0       0       0       0         19,500       19,600       289.10       0.00       0.00       0<	19,100	19,200	361.34	0.00	0.00	0.00	0	0	0				1	1x HOT cleared ye gurss here	tren relativest
19,300       19,400       220.04       0.00       54.49       0.00       3       0       0       1         19,400       19,500       289.45       0.00       6.99       0.00       0	19,200	19,300	162.22	0.00	0.00	0.00	2	0	0					3x HOT deaved. 2x Brushta	ded Passimi ()
19,400       19,500       289.45       0.00       6.99       0.00       0<	19,300	19,400	220.04	0.00	54.49	0.00	3	0	0	<i>t</i>		1 1		V is HBT cleaved.	
19,500       19,600       281.0       0.00       0.00       0.00       0 </td <td>19,400</td> <td>19,500</td> <td>289.45</td> <td>0.00</td> <td>6.99</td> <td>0.00</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>Marce</td> <td>Vale</td> <td>- 11x HBT3 cleared, 2x Brish</td> <td>aule a Pessions</td>	19,400	19,500	289.45	0.00	6.99	0.00	0	0	0			Marce	Vale	- 11x HBT3 cleared, 2x Brish	aule a Pessions
19,600       19,700       216.57       0.00       0.00       0.00       0       22       0	19,500	19,600	269.10	0.00	0.00	0.00	3	0	0	1911 DIT 1960		17/10/19	1. 1. 11	14× Sugar aliders relocated, 1	× sugar glide
19,700       19,800       65.37       0.00       5.36       0.00       0 </td <td>19,600</td> <td>19,700</td> <td>216.57</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0 32</td> <td>0</td> <td>0</td> <td>1 - 110 PENNEL - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -</td> <td>1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.</td> <td>15/10/1</td> <td>9</td> <td>during Weefelling but</td> <td>calld not b</td>	19,600	19,700	216.57	0.00	0.00	0.00	0 32	0	0	1 - 110 PENNEL - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	15/10/1	9	during Weefelling but	calld not b
19,800       19,900       264.99       0.00       5.37       0.00       1       0       0         19,900       20,000       122.85       0.00       0.57       0.00       1       0       0         20,000       20,100       196.12       0.00       1       0       0       0       0       0       0         20,100       20,200       74.84       0.00       0.00       2       0       0       0       0       0       0         20,200       20,300       Vegetation Survey data not available. Designed as to not impact any trees.	19,700	19,800	65.37	0.00	5.36	0.00	0 00	o. 0	0					12, HBIS cleared.	
19,900       20,000       122.85       0.00       0.57       0.00       1       0       0         20,000       20,100       195.12       0.00       1       0       0       0         20,100       20,200       74.84       0.00       0.00       2       0       0       0         20,200       20,300       Vegetation Survey data not available. Designed as to not impact any trees.	19,800	19,900	264.99	0.00	5.37	0.00	1 .	0	0					- Ir Brush tured Possium SI	elf-relacaee
20,000       20,100       196.12       0.00       1       0       0         20,100       20,200       74.84       0.00       0.00       2       0       0         20,200       20,300       Vegetation Survey data not available. Designed as to not impact any trees.	19,900	20,000	122.85	0.00	0.57	0.00	1	0	0					at CH1/9664	
20,100       20,200       74.84       0.00       0.04       0.00       2 / 0       0 <td< td=""><td>20,000</td><td>20,100</td><td>196.12</td><td>0.00</td><td>12.05</td><td>0.00</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	20,000	20,100	196.12	0.00	12.05	0.00	1	0	0						
20,200         20,300         Vegetation Survey data not available. Designed as to not impact any trees.           20,300         20,400         Vegetation Survey data not available. Designed as to not impact any trees.           TOTALS         0.906         4.730         0.010         0.3086         302         47         [0]         1         [3]	20,100	20,200	74.84	0.00	0.04	0.00	2/	0	0		1	*	V V		
TOTALS 0.906 4.730 0.010 0.3086 302 47 [0] 1 [3]	20,200 20,300	20,300 20,400	Veg	etation Surve	ry data not av	vailable. Desi	gned as to no	t impact any	trees.				1		
	тот	TALS	0.906	4.730	0.010	0.3086	302	47 [0]	1 [3]						

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

© ECO LOGICAL AUSTRALIA PTY LTD



Page 4 of 4

## Appendix B Final Ecological Inspection Table



## CRWF Aarons Pass Road Upgrade - Forecasted Ground Disturbance Summary

CONTROL
 C

		-		-			
Wes	tern	: 58	xpes	Bior	8	DN	

COLORIDA.	CELES I	Cont Distan	thanna farmal	Blade Su	cot (sum)	Upg	rade Comple	tion.	Log	rade Comple	atio n	Sauciment	n-mslocat	an / removal	Blade swept pruning/select removal	
CHAIN	ver (m)	Commission	insure farint	Bradiesin	che testuni	1000000	(PCT 277)			(PCT 290)	-	[non-remo	val within	Diade swept	Ecologist signoff	Comments
From	To	PET 277	PCT 290	PCT 277	PCT 250	Forecast	Actual	Doits	TOTECHEL	Actual	Deita	0	O CITETRE	- O	condition and the second	
0	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0			
100	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0	0	0		
200	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.98			0	0		
300	400	0.00	48.60	0.00	5.68	0.00	0.00	00.00	54.28	Z14.25		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		
\$00	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		
1.100	1,200	0.00	111.45	0.00	0.00	0.00	0.00	0.00	111.4S	89.26		0	0			
1,200	1.300	0.00	272.13	0.00	0.00	0.00	0.00	0.00	272.13	62.28		2	0	0		
1 300	1.400	0.00	328.11	0.00	0.00	0.00	0.00	0.00	328.11	18.65		1	0	0		
1.400	1,500	0.00	205.43	0.00	0.00	0.00	0.00	0.00	205.43	54.45		1	0	0		
1,500	1,600	0.00	152.20	0.00	0.00	0.00	0.00	0.00	152.20	41.62		0	0	0		
1,500	1,700	0.00	97.58	0.00	0.00	0.00	0.00	0.00	97.58	9.49		1	0	0		
1,000	1,000	0.00	75.15	0.00	0.00	0.00	0.00	0.00	75.15	10.79		1	0	0		
1,700	1,000	0.00	478 14	0.00	415	0.00	0.00	0.00	482.30	0.00		0	0	0	A CONTRACTOR OF	
1,000	2,000	0.00	475.94	0.00	0.00	0.00	0.00	0.00	425.94	2.73		0	0	0		
1,900	2,000	0.00	111 22	0.00	0.00	0.00	0.00	0.00	111.33	10.10	11111	0	D	0		
2,000	2,100	0.00	00.27	0.00	51.89	0.00	0.00	0.00	151.16	0.18		0	0	0		
2,100	2,200	0.00	40.65	0.00	0.01	0.00	0.00	0.00	49.57	8.12		0	0	0		
2,200	2,300	0.00	135 73	0.00	0.03	0.00	0.00	0.00	226.10	87.78		1	0	0		
2,300	2,400	0.00	225.75	0.00	04.90	0.00	0.00	0.00	710.42	7.79		2	0	0		
2,400	2,500	0.00	115.52	0.00	156.40	0.00	0.00	0.00	290.74	0.00		1	0	0		
2,500	2,600	0.00	134.25	0.00	150.49	0.00	0.00	0.00	180.86	0.06		1	0	0		
2,600	2,700	0.00	1/8/68	0.00	2.10	0.00	0.00	0.00	203.69	18.77	1	2	D.	0		
2,700	2,800	0.00	203.68	0.00	0.00	0.00	0.00	0.00	265.00	0.00		4	0	0		
2,800	2,900	0.00	216.67	0.00	44.10	0.00	0.00	0.00	107.13	0.00		0	0	0		
2,900	3,000	0.00	88.92	0.00	38.20	0.00	0.00	0.00	315 69	180.95		0	0	0		
3,000	3,100	0.00	215.53	0.00	0.05	0.00	0.00	0.00	£15,30	202.70		6	0	0		
3,100	3,200	0.00	601.23	0.00	3.13	0.00	0.00	0.00	427.02	302.70		0	0	0		
3,200	3,300	0.00	403.87	8.00	24.05	0.00	0.00	0.00	927.93	80.01		1	0	0		
3,300	3,400	0.00	212.33	0.00	0.33	0.00	0.00	0.00	212.00	200.31		4	0	0		
3,400	3,500	0.00	391.36	0.00	0.00	0.00	0.00	0.00	391.30	163.00		0	0	0		
3,500	3,600	0.00	271.77	0.00	0.00	0.00	0.00	0.00	2/1.//	153.80		1	0	0		,
3,600	3,700	0.00	234.34	0.00	0.00	0.00	0.00	0.00	234.34	291.18		1	0	0	Is see	1011 6000 2018/2020 2
3,700	3,800	0.00	456.23	0.00	29.58	0.00	0.00	0.00	485.81	385.60		1	1 0	0	16 2018 180	0.000
3,800	3,900	0.00	303.46	0.00	0.60	0.00	0.00	0.00	304.06	356.22	-		0	0	che woolla	2.50 Loge
3,900	4,000	0.00	307.78	0.00	1.84	0.00	0.00	0.00	309.62	333.89		1	0		1412	Right and self
4,000	4,100	0.00	248.72	0.00	83.25	0.00	0.00	0.00	331.97	195.93			0		1110	Distore Swoper posts
4,100	4,200	0.00	256.76	0.00	0.00	0.00	0.00	0,00	256.76	272.85			0	0	19.14	
4,200	4,300	0.00	462.76	0.00	0.00	0.00	0.00	0.00	462.76	400.99		4	0			
4,300	4,400	0.00	311.63	0.00	0.00	0.00	0.00	0.00	311.63	287.97			0	0		
4,400	4,500	0.00	428.31	0.00	0.00	0.00	0.00	0.00	428.31	392.20		3	1			
4,500	4,600	0.00	341.54	0.00	0.00	0.00	0.00	0.00	341.54	293.15		1	0			
4,600	4,700	0.00	387.05	0.00	0.00	0.00	0.00	0.00	387.05	323.80		1		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	0		
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	1.1	0		
5,100	5,200	0.00	223.46	0.00	0.00	0.00	0.00	0.00	223.46	374.13		0		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	2	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	1	0	0		
5.600	5,700	0.00	131.15	0.00	0.00	0.00	0.00	0.00	131.15	320.81		1	0	0		
5,000	de la reference de											111111111111111111				

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





				Western	Slopes Biore	gion				ress sninub ibw	open iorest p	n mus in the si	outhernipart o	if the NSW Sou	an		
CHAI	NAGE (m)	Civil Dist	urbance (sgm	) Blade S	wept (sqm)	Up	pgrade Comp (PCT 277	iletion )	U	pprade Compi (pcr ⇒oo)	letion	Specime	n transfocat	ion / remova	Blade sweet orupies/co	last semand	
5 700	5 800	PLT 27	PET 290	PCT 277	PCT 290	Forecast	Actual	Dolta	Forecast	Actual	Delta	HBT	npval within Acadia	Pomode	Ecologist along	ect removal	
5,800	5,900	0.00	182.05	0.00	0.00	0.00	0.00	0.00	259.31	380.84		3	0	0	Ecologist signe	on	Comments
5,900	6,000	0.00	386.62	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	386.58	409.36		1	0	0			
6,100	6,200	0,00	435.75	0.00	0.00	0.00	0.00	0.00	435.75	376.06		0	0	0			
6.300	6,300	0.00	467.15	0.00	0.00	0.00	0.00	0.00	467.15	464.55		3	0	0			
6,400	6,500	0.00	273.30	0.00	0.00	0.00	0.00	0.00	108.13	262.84		1	0	0			
6,500	6,600	0.00	94.63	0.00	0.00	0.00	0.00	0.00	273.30	333.46		0	0	0			
6,600	6,700	0.00	354.67	0.00	0.00	0.00	0.00	0.00	354.67	456.71		3	0	0			
5,700	6,800	0.00	426.61	0.00	0.00	0.00	0.00	0.00	426.61	430.09	*******	2	0	0			
6,900	7.000	0.00	374.85	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		2	0	0			
7,100	7,200	0.00	155.75	0.00	0.09	0.00	0.00	0.00	288.42 155 RA	359.44		1	0	0			
7,200	7,300	0.00	168.76	0.00	0.00	0.00	0.00	0.00	168.76	343.35		2	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	60.47	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	0.00	0.00	0.00	0.00	71.32	251.06		2	0	0	1000	417 4	-
7,700	7,800	0.00	352.99	0.00	71.92	0.00	0.00	0.00	424.01	362.39		2	0	0	Chen 10	417 1	
7,800	7,900	0.00	276.19	0.00	0.00	0.00	0.00	0.00	276.19	292.43		4	0	0			
8,000	8,000	0.00	369.92	0.00	366.08	0.00	0.00	0.00	736.00	333.66		4	- 0	0	Cher	tal	
8,100	8,200	0.00	151.65	0.00	98,16	0.00	0.00	0.00	311.33	274.58		1	0	0	- Com 24	213/202	e S mall
8,200	8,300	0.00	422.52	0.00	0.00	0.00	0.00	0.00	151.65	511.55		3	0	0	- Ch		
8,300	8,400	0.00	742.88	0.00	0.00	0.00	0.00	0.00	422.52	648.42		1	0	0	Ches 14	417	
8,400	8,500	0.00	864.37	0.00	0.00	0.00	0.00	0.00	864.37	791.50		5	0	0			
8,500	8,600	0.00	428.58	0.00	105.58	0.00	0.00	0.00	534.16	335,34		4	0	0			
8,700	8,800	0.00	436.79	0.00	1.18	0.00	0.00	0.00	258,84	384.38		3	0	0			
8,800	8,900	0.00	308.44	0.00	65.49	0.00	0.00	0.00	436.79	438.96		3	0	0			
8,900	9,000	0.00	132.54	0.00	35.61	0.00	0.00	0.00	373.93	197.02		1	0	0	00	14 17.	
9,000	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	9,200	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	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	280.47	292.76		6	0	0			
9,600	9,700	0.00	213.75	0.00	40.66	0.00	0.00	0.00	254.41	234.19		3	0	0	Che 14	17	LND pushed on side
9,800	9,900	0.00	150.26	0.00	0.00	0.00	0.00	0.00	150.26	360.63		3	0	0			1
9,900	10,000	0.00	213.81	0.00	0.00	0.00	0.00	0.00	188.86	376.96		3	0	0			
10,000	10,100	0.00	339,14	0.00	63.97	0.00	0.00	0.00	213.81	472.89		2	0	0			
10,100	10,200	0.00	213.24	0.00	0.00	0.00	0.00	0.00	213.74	416.98		2	0	0	Chan 141	17	Smtrees
10,200	10,300	0.00	349.38	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	444.30		3	0	0			
10,600	10,700	0.00	214.83	0.00	11.47	0.00	0.00	0.00	240.92	319.65		0	0	0	Che 141:	7.	IMEd
10,700	10,800	0.00	358.26	0.00	93.14	0.00	0.00	0.00	451.40	354.02		D	0	0		.1	
10,800	10,900	0.00	299.31	0.00	0.00	0.00	0.00	0.00	299.31	329.32		61	0	0		06	Tree removed and david at the
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	CA	ALC: A	2 Both back to blade sweet Dell
11,100	11,200	0.00	457.47	0.00	23.65	0.00	0.00	0.00	418.23	283.92		0	0	0			
11 200	11,300	0.00	594.69	0.00	142.21	0.00	0.00	0.00	481.13	301.13		2	0	0	the 20	18/2070	2. I lage
\$1,200		the second se							130,30	- ACLUS -						and a second sec	1 State States

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

	-
	-
	-
	-
	1
	]
	1
	1
	1
	1
	Į
	ł
	I
	I
	1
	l
	l
	l
	l
	l
ofe love	
- mulched	
s brack	
more	

Page 2 of 4



Washern Unmer Discouring	
western stopes brutegun	

From 11,400 11,500 11,600 11,600 11,700 12,000 12,100 12,100 12,200 12,200 12,500 13,000 13,200 13,500 13,600 13,500 13,600 13,500 13,600 13,200 13,600 13,200 13,600 13,200 13,600 13,600 13,200 13,600 13,200 13,600 13,200 13,600 13,200 13,600 13,200 13,600 13,200 13,600 13,200 13,200 13,200 13,600 13,200 14,000 14,000 14,200	10 11,500 11,600 11,700 11,800 12,000 12,100 12,200 12,200 12,200 12,600 12,500 12,600 12,600 12,900 13,000 13,000 13,300 13,300 13,500 13,500 13,600	Pct 2222 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PCT 250 113.05 216.00 399.84 183.64 71.09 244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 272.39 288.02 239.03	PCT 2222 0.00 0.	PCT 250 27.87 0.00 0.00 0.00 0.00 0.00 0.00 0.00	FORCESS 0.00 0.0	(PCT 227) Actual 0.00	Dolta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	FORCARST 140.92 216.00 399.84 183.64 71.09 244.35 244.91 37.60 436.77 479.85 656.19 130.90	(Pc1 220) Actual 195.16 266.43 342.62 107.72 232.54 240.82 383.07 326.04 336.53 260.31 329.50	Delta	non-remo   HBT   2   1   0   0   1   2   2   2   2   2   3   0   0   1   1   1   1   1   1   1   1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	349 swep1 Permitternis 0 0 0 0 0 0 0 0 0 0 0 0 0	Ecologist signoff 	Snprees	Comments
11,400 11,500 11,600 11,700 11,800 11,900 12,000 12,100 12,200 12,200 12,200 12,400 12,500 12,600 12,600 12,600 12,600 12,600 12,900 13,000 13,000 13,200 13,200 13,500 13,500 13,600 13,500 13,600 13,900 14,000 14,000 14,000 14,200	11,500 11,600 11,700 11,800 12,000 12,000 12,200 12,500 12,500 12,500 12,500 12,600 12,700 12,600 12,900 13,000 13,000 13,300 13,300 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	113.05 215.00 399.84 183.64 71.09 244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.52 165.20 146.28 277.39 288.02 219.02	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	27.87 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	140.92 216.00 399.84 183.64 71.09 244.35 244.91 37.60 436.77 479.85 656.19 130.90	195.16 266.43 342.62 107.72 232.54 240.82 383.07 326.04 336.53 260.31 329.50		2 1 0 1 2 2 2 3 0		0 0 0 0 0 0 0 0 0 0	(h- 14/3) (h- 14/3/2020	Snprees	
11,500 11,600 11,600 11,700 11,800 11,900 12,000 12,000 12,200 12,200 12,200 12,400 12,400 12,500 12,600 12,600 12,600 12,600 12,900 13,000 13,200 13,200 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,900 14,000 13,000 14,000	11,600 11,700 11,700 11,800 11,900 12,000 12,000 12,200 12,500 12,500 12,600 12,600 12,600 12,900 13,000 13,100 13,300 13,300 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	215.00 399.84 183.64 71.09 244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 277.39 288.02 219.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	216.00 399.84 183.64 71.09 244.35 244.91 37.60 436.77 479.85 656.19 190.90	266.43 342.62 107.72 232.54 240.82 383.07 326.04 336.53 260.31 329.50		1 0 0 1 2 2 2 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	(h 14/3) (h 14/3/2020	Snprees	
11,600 11,700 11,800 11,900 12,000 12,100 12,200 12,200 12,200 12,400 12,500 12,500 12,500 12,600 12,500 12,600 12,900 13,000 13,200 13,200 13,200 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,200 13,600 13,200 13,600 13,200 14,000 14,000 14,200	11,700 11,800 11,900 12,000 12,100 12,200 12,200 12,500 12,600 12,600 12,600 12,600 12,600 12,900 13,000 13,100 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	399.84 183.64 71.09 244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 277.39 288.02 2190.92	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.20 0.00 0.00 69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	110.00 399.84 183.64 71.09 244.35 244.91 37.60 436.77 479.85 656.19 190.90	342.62 107.72 232.54 240.82 383.07 326.04 336.53 260.31 329.50		0 0 1 2 2 2 3 0		0 0 0 0 0 0	Che 14 [ 7] 2020	Snprees	
11,700 11,800 11,900 12,000 12,100 12,200 12,200 12,200 12,500 13,000 13,000 13,000 13,000 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,500 13,600 13,200 13,600 13,200 13,600 13,200 13,200 13,600 13,200 13,200 13,200 13,600 13,200 14,000 14,000 14,200	11,800 11,900 12,000 12,100 12,200 12,300 12,600 12,500 12,600 12,600 12,900 13,000 13,000 13,100 13,300 13,300 13,500 13,600	0.00 0.00	183.64 71.09 244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 277.39 288.02 2190.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.20 0.00 0.00 0.00 89.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	183.64 71.09 244.35 244.91 37.60 436.77 479.85 656.19 190.90	107.72 232.54 240.82 383.07 326.04 336.53 260.31 329.50		0 1 2 2 2 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	ale 14/3/2020	Snprees	
11,800 11,900 12,000 12,100 12,200 12,300 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,900 13,000 13,000 13,300 13,400 13,500 13,600 13,700 13,600 13,700 13,600 13,900 14,000 14,000	11,900 12,000 12,100 12,200 12,300 12,400 12,500 12,600 12,700 12,600 12,900 13,000 13,000 13,200 13,300 13,300 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	71.09 244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 272.39 288.02 2390.93	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.20 0.00 69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	71.09 244.35 244.91 37.60 436.77 479.85 656.19 190.90	232.54 240.82 383.07 326.04 336.53 260.31 329.50		1 2 2 3 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	Cherry 14 [7] 2020	Southees	
11,900 12,000 12,100 12,200 12,200 12,400 12,500 12,600 12,600 12,600 12,600 13,000 13,000 13,000 13,000 13,400 13,500 13,600 13,700 13,600 13,700 13,600 13,600 13,000 14,000 14,000 14,000 14,000 14,000	12,000 12,100 12,200 12,300 12,400 12,600 12,500 12,700 12,800 13,000 13,000 13,000 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	244.35 244.71 37.60 435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 145.28 272.39 288.02 239.02	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.20 0.00 69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	244.35 244.91 37.60 436.77 479.85 656.19 190.90	240.82 383.07 326.04 336.53 260.31 329.50		2 2 2 3 0	0	0 0 0 0	Cherry 14 [7] 2020	Southees	
12,000 12,100 12,200 12,200 12,200 12,500 12,500 12,700 12,800 12,900 13,000 13,000 13,000 13,400 13,500 13,500 13,600 13,700 13,800 13,600 13,000 14,000 14	12,100 12,200 12,300 12,400 12,500 12,600 12,700 12,900 13,000 13,000 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	244.71 37.60 436.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 272.39 288.02 219.02	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.20 0.00 69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.	0.00 0.00 0.00 0.00 0.00 0.00 0.00	244.91 37.60 436.77 479.85 656.19 190.90	383.07 326.04 336.53 260.31 329.50		2 2 3 0	0	0 0 0	al 14/7/2020	Subrees	
12,100 12,200 12,300 12,400 12,500 12,600 12,700 12,600 12,700 12,800 13,000 13,000 13,000 13,400 13,500 13,500 13,600 13,500 13,800 13,800 13,900 14,000 14,000	12,200 12,300 12,400 12,500 12,600 12,700 12,800 13,000 13,000 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	37.60 436.77 409.91 575.75 190.90 52.61 119.52 218.52 165.20 146.28 277.39 288.02 239.02	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	37.60 436.77 479.85 656.19 190.90	326.04 336.53 260.31 329.50		2 3	0	0	Cher 14 [7] 2020	Southees	
12,200 12,300 12,400 12,500 12,600 12,600 12,700 12,800 13,000 13,100 13,200 13,400 13,500 13,500 13,500 13,600 13,500 13,600 13,900 14,000 14,000	12,300 12,400 12,500 12,600 12,700 12,800 13,000 13,000 13,100 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	435.77 409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 277.39 288.02 219.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	436.77 479.85 656.19 190.90	336.53 260.31 329.50		3	0	0	1111000		***************************************
12,300 12,400 12,500 12,500 12,700 12,800 12,900 13,000 13,100 13,200 13,200 13,400 13,500 13,500 13,600 13,700 13,600 13,900 14,000 14,000	12,400 12,500 12,600 12,700 12,800 13,000 13,100 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	409.91 575.75 190.90 52.61 119.52 218.32 165.20 146.28 2772.39 288.02 210.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	69.94 80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	479.85 656.19 190.90	260.31 329.50		0	0				***************************************
12,400 12,500 12,600 12,700 12,800 12,900 13,000 13,000 13,200 13,300 13,400 13,500 13,600 13,700 13,600 13,700 13,600 13,900 14,000 14,000	12,500 12,600 12,700 12,800 12,900 13,000 13,100 13,200 13,200 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	575.75 190.90 52.61 119.52 218.32 165.20 146.28 272.39 288.02 239.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	80.44 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00	656.19 190.90	329.50				0		-	
12,500 12,600 12,700 12,800 12,900 13,000 13,000 13,200 13,200 13,400 13,500 13,600 13,700 13,600 13,700 13,600 13,900 14,000 14,000	12,600 12,700 12,800 12,900 13,000 13,100 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	190.90 52.61 119.52 218.32 165.20 146.28 277.39 288.02	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00	190.90			1	0	0			
12,600 12,700 12,800 12,900 13,000 13,100 13,200 13,300 13,400 13,500 13,600 13,700 13,600 13,700 13,600 13,700 13,600 13,000 14,000 14,000	12,700 12,800 12,900 13,000 13,100 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	52.61 119.52 218.32 165.20 145.28 272.39 288.02	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00	0.00	0.00	53.51	715.84		4	0	0			
12,700 12,800 12,900 13,000 13,100 13,200 13,400 13,500 13,600 13,700 13,600 13,700 13,800 13,600 13,000 14,000 14,100 14,200	12,800 12,900 13,000 13,100 13,200 13,200 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	119.52 218.32 165.20 146.28 272.39 288.02	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00	0.00		57.61	293.72		8	B	0			
12,800 12,900 13,000 13,100 13,200 13,200 13,400 13,500 13,500 13,600 13,500 13,600 13,900 13,900 14,000 14,100	12,900 13,000 13,100 13,200 13,200 13,400 13,500 13,500	0.00 0.00 0.00 0.00 0.00 0.00 0.00	218.32 165.20 146.28 272.39 268.02	0.00 0.00 0.00 0.00	0.00	0.00	0.00	0.00	119.52	249.73		2	0	0			
12,900 13,000 13,100 13,200 13,300 13,400 13,500 13,500 13,500 13,500 13,500 13,900 13,900 14,000 14,100	13,000 13,100 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	165.20 146.28 272.39 288.02 230.03	0.00 0.00 0.00	0.00	0.00	111111	0.00	218.32	395.08			. 0	0			
13,000 13,100 13,200 13,300 13,400 13,500 13,500 13,500 13,500 13,800 13,900 14,000 14,000 14,200	13,100 13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00 0.00	146.28 272.39 288.02	0.00	0.00	<ul> <li>U.U.U.U</li> </ul>	0.00	0.00	165.20	268.47		1	0	0			1
13,100 13,200 13,300 13,400 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,900 14,000 14,000 14,200	13,200 13,300 13,400 13,500 13,600	0.00 0.00 0.00 0.00	272.39 288.02	0.00	111101	0.00	0.00	0.00	146.28	254.22	*********	2	0	0			
13,200 13,300 13,400 13,500 13,600 13,700 13,600 13,700 13,900 14,000 14,000 14,100	13,300 13,400 13,500 13,600	0.00	288.02		0.00	0.00	0.00	0.00	272.30	177 33		2	0	0			***
13,300 13,400 13,500 13,600 13,700 13,800 13,900 14,000 14,100 14,200	13,400 13,500 13,600	0.00	220.02	0.00	0.00	0.00	0.00	0.00	288.02	318.61		3	0	0			
13,400 13,500 13,600 13,700 13,800 13,900 14,000 14,100 14,200	13,500 13,600	0.00	2 3 3 4 5 5	0.00	26.47	0.00	0.00	0.00	265.50	457.21		2	0	0			*********
13,500 13,600 13,700 13,800 13,900 14,000 14,100 14,200	13,600	1 0.000	455.81	0.00	0.03	0.00	0.00	0.00	456.84	438.45	******		0	0	14/2/2	020 She tuess ave	und Doundaris
13,600 13,700 13,800 13,900 14,000 14,100 14,200	20,000	0.00	182.28	0.00	279.75	0.00	0.00	0.00	452.03	249.70		1	0	1 (3)	V 10/1/2020 / dank	NOUST 2 LOUGH +	lean remailed not
13,700 13,800 13,900 14,000 14,100 14,200	13 200	0.00	1188.82	0.00	1818	0.00	0.00	0.00	1207.00	1051.15	******	·····	0	- [-]	W let al a company	Provide in Provide I	
13,800 13,900 14,000 14,100 14,200	13,800	0.00	488.41	0.00	0.00	0.00	0.00	0.00	488.41	353.93		0	0	0		Correst of Drandee	C.Z. 194
13,900 14,000 14,100 14,200	13,000	0.00	211.33	0.00	0.00	0.00	0.00	0.00	211.33	244.22		2	0	0			
14,000 14,100 14,200	14 000	0.00	180.10	0.00	0.00	0.00	0.00	0.00	180.10	270.21	*******	4	0	0			
14,100 14,200	14.100	0.00	284.59	0.00	0.00	0.00	0.00	0.00	284.59	442.39		3	0	0			
14,200	14 200	0.00	203.71	0.00	15.00	0.00	0.00	0.00	718.71	197.74		1	2 101	0	× 116/2020 14/2/2	210 0	7
19,600	14 300	0.00	209.50	0.00	0.00	0.00	0.00	0.00	209.50	243 03			101 81	0	12 14 12 14 1414	C.C.	Geo hear dealar
14 300	14,400	0.00	58.90	0.00	0.00	0.00	0.00	0.00	58.90	154.69		0	6101	0			and the purches
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	1262020 11	as arbitat hore	Laga 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 state of the	Las. 19999.000. 11.00.0	1 range mara
14,600	14 700	0.00	273.46	0.00	0.00	0.00	0.00	0.00	223.46	123.36		1	1 101	0	H		VEL theer
14,700	14,800	0.00	104.22	0.00	0.00	0.00	0.00	0.00	104.22	108.72		2	101	0	14/2/2	20	J SM. D.
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	11110		
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	14/2/2010		
15,100	15,200	0.00	590.13	0.00	0.00	0.00	0.00	0.00	590.13	523.80		0	1 (0)	0	Chas 1914/010		
15,200	15,300	0.00	470.66	0.00	0.00	0.00	0.00	0.00	470.65	496.39		0	0	0			
15 300	15,400	0.00	305.65	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	0			
15,700	15,800	0.00	403.20	0.00	203.88	0.00	0.00	0.00	607.08	332.36		6(1)	D	0	14/2/2020	2 mean I HBT "	incrived mailing
15,800	15,900	0.00	362.71	0.00	0.00	0.00	0.00	0.00	362.71	289.08		10	0	0	the second and the first free the		and a start of the start of
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	Chan 14/2/2022		
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	ches inter		
16,200	16,300	0.00	\$97.65	0.00	7.41	0.00	0.00	0.00	605.06	588.69		3	2	0			
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	Cher 14/2/1000		
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	in the footo		
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	D	0			
16,700	16.800	174.68	0.00	0.00	0.00	174.68	147.39	-27.29	0.00	0.00		1	0	0	14/2/2020	Pound and	na 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	contraction in the footo	The over the	5
16.900	17.000	389.24	0.00	0.00	0.00	389.74	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





_				Western	Slopes Bioregi	en						THE THE SEC	mempart of t	ne noti obtai		
CHAIN	4GE (m)	GuilDiau	rbance (sqm)	Blade Sv	wept (sqm)	Upp	ade Compl	etion	Upp	grade Comple	ction	Specimen	tranilocatio	n / removal	Blade swept pruning/select removal	
From	TO	PCT 277	PCT 29.1	PCT 277	PCT 250	Forecast	Actual	Delta	Forecast	Actual	Dalta	Con-rema	aval within b	lade swept]	and shept promitigization removal	
17,100	17,200	168,41	0.00	0.00	0.00	168.41	95.19	-73.23	0.00	0.00	Greith	0	T O	Control of the second	Ecologist signoff	Comments
17,200	17,300	27.81	0.00	0.00	0.00	27.81	65.33	37.52	0.00	0.00		0	0	0		
17,300	17,400	293.72	0.00	0.00	0.00	293.72	74.61	-219.12	0.00	0.00		v	0	0		
17,400	17,500	798.75	0.00	0,00	0.00	798.75	167.66	-631.09	0.00	0.00		0	0	0		
17,500	17,600	457.52	0.00	0.00	0.00	457.52	27.66	-429.86	0.00	0.00	**********	0		0		
7,600	17,700	17.26	0.00	0.00	0.00	17.26	0.00	-17.26	0.00	0.00	*******	0	0	0		
17,700	17,800	209.19	0.00	0.00	0.00	209.19	67.36	-141.84	0.00	0.00			0	0		
7,800	17,900	53.18	0.00	0.00	0.00	53.18	25.75	-27.44	0.00	0.00		0	0	0		
17,900	18,000	306.21	0.00	0.00	0.00	306.21	286.20	-20.01	0.00	0.00		0	0	0		
18,000	18,100	295.41	0.00	0.00	0.00	295.41	136.04	-159.37	0.00	0.00		0	0	0		
18,100	18,200	138.95	0.00	0.09	0.00	139.05	102.30	-36.74	0.00	0.00		0	0	0		
18,200	18,300	313.84	0.00	4.08	0.00	317.92	132.43	-185.50	0.00	0.00		0	0	0		
18,300	18,400	332.36	0.00	0.00	0.00	332.36	158.64	-173.72	0.00	0.00		0	0	0		
18,400	18,500	285.57	0.00	0.00	0.00	285.57	101.27	-184.31	0.00	0.00		0	0	0		
18,500	18,600	558.47	0.00	0.00	0.00	558.47	376.50	-181.97	0.00	0.00		0	0	0		
18,600	18,700	323.73	0.00	0.00	0.00	323.73	175.00	-148.73	0.00	0.00		1	0	0		
18,700	18,800	104.89	0.00	0.00	0.00	104.89	109.42	4.52	0.00	0.00			0	0		
18,800	18,900	218.50	0.00	0.00	0.00	218,50	268.11	49.61	0.00	0.00		2	0	0		
8,900	19,000	386.78	0.00	0.00	0.00	386,78	293.92	-92.86	0.00	0.00	*****	4	0	0		
9,000	19,100	121.87	0.00	0.00	0.00	121.87	43.74	-78.13	0.00	0.00	********	1	0	0		
19,100	19,200	361.34	0.00	0.00	0.00	361.34	305.27	-56.06	0.00	0.00			0	0		
9,200	19,300	162.22	0.00	0.00	0.00	162.22	174.63	12.41	0.00	0.00			0	0		
9,300	19,400	220.04	0.00	54.49	0.00	274.53	218.86	-55.67	0.00	0.00		2	0	0		
9,400	19,500	289,45	0.00	6.99	0.00	296.44	218.89	-77.55	0.00	0.00		0	0	0		
19,500	19,600	269.10	0.00	0.00	0.00	269.10	278.54	9.44	0.00	0.00		3		0		
19,600	19,700	216.57	0.00	0.00	0.00	216.57	74,39	-142.18	0.00	0.00		0	0	0		
19,700	19,800	65.37	0.00	5.36	0.00	70.73	28.13	-42.60	0.00	0.00		0	0	0		
9,800	19,900	264.99	0.00	5.37	0.00	270.36	108.86	-161.50	0.00	0.00		1		0		
9,900	20,000	122.85	0.00	0.57	0.00	123.42	110.14	-13.28	0.00	0.00		1	0	0		
0,000	20,100	196.12	0.00	12.05	0.00	208.17	54.38	-153.78	0.00	0.00			0	0		
0,100	20,200	74.84	0.00	0.04	0.00	74.88	190.08	115.20	0.00	0.00	*********		0			
0.000	20.300						250.00	113.20	0.00	0.00		2	0	0		

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

*********

Page 4 of 4





• 1300 646 131 www.ecoaus.com.au