
MEMORANDUM

From [REDACTED] Date 20th October 2021

To File: Stage 10 Helena Valley Lifestyle Resort

Subject Second Updat to Clearing of Vegetation Report including Lot 103 and Lot 55

Helena Valley Residential Resort is planning for the establishment of stage 10 of the facility.

The land presently comprises a two residences and outbuildings set amongst a residential garden comprising grassed areas, a number of native trees and exotic tree plantings.

Establishment of stage 10 will involve earth working and servicing the land so it can support approximately 17 new residences and some clearing of the existing vegetation will be required. A total of 33 native trees will need clearing and details of these trees are provided subsequently.

It is noted that vegetation retention is favoured wherever possible as a means of providing an improved landscape aesthetic to the residential village.

A tree survey of the Lot 55 area has been conducted by Arbor Logic (2016) and a copy of the report is attached here.

This updated report includes in the clearing application Lot 103 in which there are 4 endemic species described here, as well as a row of planted *Eucalyptus camaldulensis*, along the northern lot boundary and along the western boundary which are non-endemic and do not require a clearing permit.

An overlay of the proposed development plan on a recent aerial photograph enables those trees which require clearing to be identified from the tree survey findings.

Figure 1 shows the location of each tree on the land whilst figure 2 show an overlay of the development plan and identifies those trees which need to be removed.

These may be summarised as follows, by reference to the Arbor Logic Tree Survey for Lot 55 and direct survey within Lot 103.

Due to an oversight in identifying the trees to be cleared, there are 9 trees marked on the diagrams as proposed to be cleared, which are non-endemic. To avoid confusion, within table 1, I have identified which of the marked trees are non-endemic and do not require a clearing permit to be cleared.

Table 1. Summary of Trees to be Cleared

Tree Number	Description
291	<i>Corymbia calophylla</i> (marri)-semi mature
292	<i>Corymbia calophylla</i> (marri)-semi mature
293	<i>Corymbia calophylla</i> (marri)-semi mature
294	<i>Corymbia calophylla</i> (marri)-semi mature
295	<i>Corymbia calophylla</i> (marri)-semi mature
297	<i>Eucalyptus marginata</i> (jarra) - mature
299	<i>Corymbia calophylla</i> (marri)-semi mature
287	<i>Corymbia calophylla</i> (marri)-semi mature
288	<i>Corymbia calophylla</i> (marri)-semi mature
301	<i>Corymbia calophylla</i> (marri)-semi mature
302	<i>Corymbia calophylla</i> (marri)-semi mature
51	<i>Corymbia calophylla</i> (marri)- mature
319	<i>Eucalyptus camaldulensis</i> – non endemic
317	<i>Eucalyptus camaldulensis</i> – non endemic
316	<i>Eucalyptus camaldulensis</i> – non endemic
315	<i>Eucalyptis grandis</i> – non endemic
313	Mango – non endemic
314	<i>Corymbia calophylla</i> (marri)- mature
53	<i>Corymbia calophylla</i> (marri)-semi mature
54	<i>Corymbia calophylla</i> (marri)- mature
312	<i>Corymbia calophylla</i> (marri)-semi mature
311	Manchurian pear – non endemic
310	Manchurian pear – non endemic
309	Manchurian pear – non endemic
307	<i>Melaleuca quinquinerva</i> – non endemic
303	<i>Corymbia calophylla</i> (marri)- mature
304	<i>Corymbia calophylla</i> (marri)- mature
305	<i>Corymbia calophylla</i> (marri)- mature
306	<i>Corymbia calophylla</i> (marri)- mature
300	<i>Corymbia calophylla</i> (marri)- mature
290	<i>Corymbia calophylla</i> (marri)- mature
289	<i>Corymbia calophylla</i> (marri)- mature
296	<i>Eucalyptus rudis</i> semi mature

297	<i>Eucalyptus marginata</i> -mature
12	<i>Corymbia calophylla</i> (marri)- mature
13	<i>Corymbia calophylla</i> (marri)- mature
14	<i>Eucalyptus marginata</i> – semi -mature
15	<i>Corymbia calophylla</i> (marri)- mature
17	<i>Corymbia calophylla</i> (marri)-semi mature – 3 small trees in a clump
18	<i>Corymbia calophylla</i> (marri)-semi mature
19	<i>Corymbia calophylla</i> (marri)-semi mature
20	<i>Corymbia calophylla</i> (marri)-semi mature

It is noted that none of the endemic species found on the land and proposed for clearing is listed as having any special conservation classification and that both species are common locally, and in the district and region.

Examination of the photographs of each marri tree provided in the Arbor logic report on Lot 55 and the 4 trees within Lot 103 confirms each tree to be cleared to be in a semi mature or mature growth stage but none appear to be sufficiently advanced in size or age to support hollows suitable for black cockatoo nesting.

The jarrah tree mapped as tree no 297 is more mature but still of insufficient size or age to support hollows.

It is reasonable to conclude that due to the low number of trees present on the land, the historical clearing and residential occupancy of the land over many years and the absence of any ground level vegetation, that the vegetation presently provides fauna habitat of limited value.

Evaluation of the present condition of the land, the nature of the 33 trees to be cleared and the consequent absence of any significant fauna habitat values leads to the conclusion that clearing as proposed should be concluded to be acceptable under the principles for vegetation clearing set down in the Clearing Permit regulations.

End

Attachments



