

14 February 2020

Our ref: Amendment to NVCP - CPS 8311/1

Department of Water and Environmental Regulation
Locked Bag 10
Joondalup DC
JOONDALUP WA 6919

Attention: Samara Rogers

Dear Samara,

Amended clearing area- CPS 8311/1 Koorana Reserve, Lot 4240 on Plan 21088, Warnbro - City of Rockingham

Please accept this correspondence as a formal request to amend the extent of clearing works proposed to be undertaken within the above-mentioned lot as previously detailed in CPS 8311/1.

Eco Logical Australia (ELA) is acting on behalf of the City of Rockingham, who has recently requested that the initially proposed clearing area be extended in response to engineering constraints associated with earthworks for the current design for the redevelopment of Koorana Reserve. This will result in an increase of the proposed clearing area by 0.48 hectares (ha), from 1.73 ha to a new total of 2.21 ha. The extent of native vegetation within the proposed clearing area will be increased from 0.93 ha to 1.39 ha. This change is illustrated in Table 1 and Figure 1.

Impacts to black cockatoo foraging habitat as a result of the amended clearing area are summarised in Table 2. In addition, the twelve potentially significant remnant trees identified within the reserve, will still be retained post-clearing (Figure 2).

Table 1: Impacts to mapped vegetation associations

Vegetation associations (ELA 2018)	Original proposed clearing (ha)	extent for New proposed clearing (ha)
ArJf: <i>Acacia rostellifera</i> and <i>Jacksonia furcellata</i> open shrubland over * <i>Bromus diandrus</i> open grassland over * <i>Euphorbia terracina</i> * <i>Pelargonium capitatum</i> and <i>Senecio pinnatifolius</i> sparse forbland over <i>Lepidosperma pubisquameum</i> sparse sedgeland.	0.39	0.58
Revegetation: <i>Eucalyptus gomphocephala</i> (Tuart), <i>Eucalyptus camaldulensis</i> and <i>Agonis flexuosa</i> var. <i>flexuosa</i> over grass weeds. Other planted species include * <i>Casuarina glauca</i> . Remnant trees also present.	0.54	0.81
Cleared: Previously cleared area used for playing fields, tracks etc.	0.79	0.82
Total	1.73	2.21

Table 2: Impacts to black cockatoo habitat

Black cockatoo habitat quality (ELA 2018)	Original proposed clearing (ha)	extent for New proposed clearing (ha)
Good	0.54	0.81
Very poor	0.39	0.58
Total	0.93	1.39

Given the minor increase to environmental impacts associated with the proposed amended clearing area, ELA does not consider that changes to the outcomes of the assessment against the Ten Clearing Principles in the original NVCP will occur.

I trust that this information is sufficient for you to further progress the application however if you require any further information please do not hesitate to contact the undersigned on 6218 2035.

Regards,



Daniel Panickar
Manager and Bushfire Lead - WA

References

Eco Logical Australia 2018. *Koorana Reserve Flora and Fauna Survey*. Prepared for the City of Rockingham.

Figure 1: Vegetation Association



Legend

Koorana Reserve

Amended Clearing Area

Additional Clearing

Track

Parkland

Vegetation association

Revegetation area

ArJf

0204080

Metres

Datum/Projection:

GDA 1994 MGA Zone 50

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Figure 2: Black Cockatoo Habitat



Legend

- Koorana Reserve
- Amended Clearing Area
- Additional Clearing
- Track
- Potentially significant black cockatoo habitat tree - *Eucalyptus gomphocephala*

Black Cockatoo habitat quality

- Good
- Very poor

0 20 40 80
Metres
Datum/Projection:
GDA 1994 MGA Zone 50

N

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Prepared by: SM Date: 7/02/2020