



Government of **Western Australia**
Department of **Environment and Conservation**

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Action Officer:

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06/4129-02.
Your ref:
Our ref: CPS 818/4
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Dear Mr Collins

CPS 818/4 – OFFSET PROPOSAL – PROPOSED REID HIGHWAY / ALEXANDER DRIVE INTERCHANGE

Thank you for your letter dated 20 August 2009, providing Main Roads Western Australia's (MRWA's) offset proposal "Reid Highway – Alexander Drive Interchange Offset Package", and for additional information provided 8 October 2009. This offset proposal is submitted to meet the requirements of conditions 5(a)(ii), 9(c) and Part V of clearing permit CPS 818/4 for the purpose of MRWA's proposed construction of the Reid Highway – Alexander Drive interchange.

As indicated in the Department of Environment and Conservation's (DEC's) submission dated 23 July 2009, the proposed clearing of approximately 2.1 hectares of native vegetation in 'degraded' to 'good' condition (Keighery scale 1994) 'may be at variance' with clearing principles (a), (b) and (g). An appropriate offset for this proposed clearing would address impacts to biodiversity and fauna habitat.

In summary, MRWA proposes to directly offset the proposed clearing of approximately 2.1 hectares of native vegetation in 'degraded' to 'good' condition through the revegetation of:

- 2 hectares of 'degraded' condition native vegetation on Lot 1001 on Plan 51435 (Crown Reserve 49328 with Management Order to City of Swan; Bush Forever site 385); and
- 1.2 hectares of 'degraded' condition native vegetation on Lot 15 on Diagram 2455, Lot 16 on Diagram 2456, Lot 17 on Diagram 2942 and Lot 30 on Plan 3105 (vested in the Commissioner of Main Roads).

The following is a summary of the measurable components of the proposed offset.

- Overall objective: appropriate, ecologically sensitive rehabilitation within / buffering Bush Forever sites and providing foraging habitat for Carnaby's Black-Cockatoo.
- Criteria for success: 75% survival rate (planting density 2500 stems/ha), >25 species, >60% indigenous plant cover, <20% weed cover, to be achieved by winter 2013.
- Site preparation: seed collection in 2009, soil ripping in winter 2010, weeds sprayed with glyphosate in spring 2009 and following ripping in winter 2010.
- Vegetation establishment: tubestock planting in winter 2010 at a density of 2500 stems/hectare, direct seeding in June-July 2010 at a rate of 4 kilograms of seed/hectare; Site 1 using a selection from a list of 74 species and Site 2 using a selection from a list of 39 species.
- Monitoring: weeds and revegetation establishment to be monitored six-monthly from winter 2010 to winter 2013 (i.e. in winter and summer each year), using visual and photographic assessment and two randomly-placed 10m x 10m quadrats at each site.

Native Vegetation Conservation Branch

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