



Government of Western Australia  
Department of Environment and Conservation

Mr T R Glenister  
Regional Manager (Mid West)  
Main Roads Western Australia  
PO Box 165  
GERALDTON WA 6531

Attn: Anna Sutherland

MAIN ROADS WA  
INWARDS

21 SEP 2011

MIDWEST  
REGION

09/29 & 06/2865-03  
Your ref: CPS 818/5  
Our ref: Jane Clarkson  
Enquiries: 9219 8744  
Phone: 9219 8701  
Fax:  
Email: nvp@dec.wa.gov.au

Dear Mr Glenister

**CPS 818/5 – OFFSET PROPOSAL – SLK 145.7 EXPANSION OF MATERIAL SOURCE  
WITHIN EURARDY STATION (NORTH WEST COASTAL HIGHWAY)**

I refer to your letter dated 23 June 2011, providing Main Roads Western Australia's (MRWA's) revised offset proposal "SLK 145.7 Expansion of Material Source within Eurardy Station (North West Coastal Highway)". 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 material extraction on Eurardy Station, North West Coastal Highway.

As indicated in the Department of Environment and Conservation's (DEC's) letter dated 28 January 2010, the proposed clearing of 4.5 hectares of native vegetation in 'good' to 'pristine' condition (Keighery scale 1994) and 'may be at variance' with clearing principles (a), (c) and (g). An appropriate offset for this proposed clearing would address impacts to biodiversity and rare flora habitat.

In summary, MRWA proposes to offset the proposed clearing of the 4.5 hectares through:

- the revegetation of 9 hectares of native vegetation in 'completely degraded' to 'very good' condition (Keighery scale 1994) on Lot 236 on Plan 238175; and
- undertaking flora surveys and seed collection within the proposed clearing and rehabilitation sites, targeting threatened flora species to be used in the revegetation of disturbed areas.

DEC's letter dated 28 January 2011 advised that additional information was required for the offset proposal to be measurable. Below is MRWA's response to these requests.

- A timeline of when each aspect of the revegetation will occur (site preparation, vegetation establishment, monitoring, remedial actions) and a final target date by which the offset will have been successfully achieved.
  - Site preparation: Winter 2010, Autumn 2011, Winter 2011, Summer 2014 and Winter 2015;
  - Vegetation establishment: Seed order - Summer 2010, Summer 2011, Summer 2012, Summer 2013, Autumn 2015 and Spring 2015; seeding - Winter 2011 and Winter 2015;
  - Monitoring: Over next ten years (including stockpiled areas) Winter 2010, Autumn 2011, Winter 2011, Summer 2011, Winter 2012, Summer 2012, Winter 2013, Summer 2013, Winter 2014, Summer 2014, Winter 2015, Summer 2015, Winter 2016 and Summer 2016;
  - Remedial actions: Weed control – Winter 2011 and Winter 2015; Maintenance of weed control – Winter 2012 – 2014; Spring 2016 and Summer 2016; In-fill planting – Winter 2012, Winter 2013, Winter 2014, Spring 2016 and Summer 2016

Native Vegetation Conservation Branch

Phone: (08) 9219 8700 or (08) 9219 8744 Fax: (08) 9219 8701 Email: nvp@dec.wa.gov.au

Postal Address: Locked Bag 104, Bentley Delivery Centre, BENTLEY WA 6983

www.dec.wa.gov.au/nvc

wa.gov.au

- Final target date by which offset success to be achieved: Summer 2016; and
- Revegetation areas will be fenced to protect from pests and area will be monitored for pests and controlled when required

MRWA has provided adequate information to meet the requirements of this request.

- Details of the indigenous local provenance species that are to be established, and a description of when and how this will be done;
  - MRWA has advised that they will collect seeds from areas adjacent to the borrow pit and revegetation areas in the Summer of 2011;

The species list provided from the October 2009 GHD flora survey as a possible revegetation species list, contains species that can not be fully identified as well as weeds. MRWA has not provided adequate information to meet the requirements of this request.

- Criteria for success (e.g. target density, structure, composition and weed cover, which will form the baseline for monitoring and identify the need for remedial actions to ensure successful establishment of the offset);
  - target density: 0.17 stems / hectares, 75% survival rate after 5 years
  - Structure: 10% upper storey, 80% midstorey and 10% low storey
  - Composition: 12 indigenous 5 years after establishments
  - Weed cover: Follow up herb treatment if weed cover exceeds 30%; ongoing monitoring until 2016.

MRWA has provided adequate information to meet the requirements of this request.

- A map identifying the location of the offset site within Lot 236, and evidence of the landowner's (being Bush Heritage Australia's) support of the offset's establishment on its land and acceptance for the long term management of the site as an offset.
  - A map of the location has been provided

Evidence of landowner support and acceptance of long term management is still pending. MRWA has not provided adequate information to meet the requirements of this request.

I advise that I will defer my decision on this offset proposal until MRWA provides a species list for revegetation which does not contain weed and unknown species as well as evidence of landowner support and acceptance of long term management of the site as an offset.

If you have any queries, please contact Ms Jane Clarkson at DEC's Native Vegetation Conservation Branch on (08) 9219 8778.

Yours sincerely



Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20  
of the Environmental Protection Act 1986*

19 September 2011

Cc: Murray Limb, Environmental Manager, Main Roads WA, PO Box 6202, East Perth 6892