



Application for a clearing permit (area permit)

Environmental Protection Act 1986 s 51E

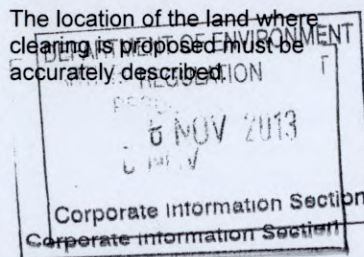
FORM C1

Clearing of native vegetation is prohibited in Western Australia except where a clearing permit has been granted or an exemption applies. A person who causes or allows unauthorised clearing commits an offence.

Date stamp

Part 1 Land details

The location of the land where clearing is proposed must be accurately described.



Land description: Volume and Folio number, Lot or location number(s), Crown Lease or Reserve number, Pastoral Lease number or Mining Tenement number of all properties where clearing is proposed.

King William St (Eric Singleton Bird Sanctuary) Lot 8 / CT 132700846 , Lot 9 CT / 0132700847, Lot 100 / CT 0045300096A, Lot 12 CT / 0132700484, Lot 13 CT / 0132700849

Street address

King William St

Local government area

City of Bayswater

Land zoning, e.g. rural, residential, industrial

Special foreshore development

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

REGULATION

8 NOV 2013

Part 2 Proposal

An aerial photograph or map with a north arrow **must** be attached, clearly showing the area proposed to be cleared.

or
If you have the facilities, a digital map on CDROM of the area to clear in **one** of the following formats:

1. **ESRI Shapefile** with the following properties:
 - **Geometry type:** Polygon shape.
 - **Coordinate system:** GDA 1994 (Geographic latitude/longitude).
 - **Datum:** GDA 1994 (Geocentric Datum of Australia 1994).
2. **Autocad 2000** or earlier; or
3. **Microstation 8** or earlier.

Total **area** of clearing proposed (Hectares) and/or number of individual **trees** to be removed

< 1 Hectare

13 trees

Proposed method of clearing

Removal with chain saw and excavator

Period within which clearing is proposed to be undertaken, e.g. May 2010–June 2010

January 2014 - January 2015

Purpose of clearing

Establishment of nutrient stripping wetland. The bund between the drain and wetland is required to be increased in height to stop the drain flowing back into the wetland. Although an attempt will be made to retain all trees, the 13 trees are identified as at risk and may need to be removed as part of the project.

Part 3 Applicant

To apply for a permit you must either be:

- the landowner;
- acting on the landowner's behalf; or
- likely to become the landowner.

Note: If you are acting on behalf of the landowner, you must attach a letter of authority from the landowner explicitly stating that you, the applicant, has authority to clear on the said land.

Are you applying as an individual, a company or an incorporated body? – enter details for one only (**please print**).

An individual – applicant's given names, family name and title (Mr, Mrs, Ms, etc)

A company or incorporated body name (Note: companies must supply an Australian Company Number - ACN)

City of Bayswater - ABN 61054006131

Ownership of land

If granted, the permit will be issued in the name of the landowner (or applicant if acting on behalf of the landowner).

A landowner can be:

- a person who holds the Certificate of Title
- a person who is the lessee of Crown land, or
- a public authority that is responsible for care of the land.

Full name of **all** landowners as they appear on the Certificate of Title (**please print**)

(1) City of Bayswater

(2)

If more than one Certificate of Title, please include details on a separate sheet.

Dep
- 4 NOV 2013
AM
RECORDS OFFICE

1 November 2013

Ms Clare Ryan
Environmental Officer
Department of Mines and Petroleum
Native Vegetation Assessment Branch
Mineral House
100 Plain Street
EAST PERTH WA 6004



Civic Centre

61 Broun Avenue
Morley WA 6062

Business Hours
8.30am to 4.30pm

(Galleria office 9.00am to 4.30)

Telephone: (08) 9272 0622
Facsimile: (08) 9272 0665

National Relay Service
Help Desk: 1800 555 660
133 677 (TTY)

1300 555 727 (Speak and Listen)

Postal Address:
PO Box 467 Morley WA 6943

E-mail Address:
mail@bayswater.wa.gov.au

Website: www.bayswater.wa.gov.au

ABN: 61 054 006 131

Dear Ms Ryan

CLEARING PERMIT ESBS RESTORATION PROJECT

Further to your recent telephone discussion with the City's Environmental Coordinator, Jeremy Maher, attached please find a Form C1 Clearing Permit for the Eric Singleton Bird Sanctuary (ESBS) Restoration Project.

The project is one of the City's and State Government's major environmental activities to improve the water quality in the ESBS and in the main drain that flows into the Swan River.

The project includes leading nutrient stripping methods incorporated into a wetland design which requires a high level of technical investigation and analysis. In developing this design, GHD will produce technical documents covering the following (Attachment 1):

- ESBS Design Environmental Construction Management Plan;
- ESBS Risk Review;
- ESBS Technical Specifications;
- ESBS Geotechnical Investigations; and
- ESBS Construction Drawings.

As part of the project, the City is required to raise the level of the existing western wetland bund. The intention is to retain all trees during the construction by building rock rip rap collars around the trees as per the attached construction drawings (attachment 2). The City has, however, identified 13 trees (attachment 3) which may need to be removed as part of the project. As such, the City has applied for a native vegetation clearing permit.

Notwithstanding the above, the project will involve the planting of over 35,000 native plants in the newly constructed wetland as well as significant water quality improvement works. The newly developed ecosystem and vegetation restoration will far exceed any environmental deficit caused by the removal of the trees.

.../2

As part of the application, the City has included the following background to the project to assist in the consideration of the matter:

The Eric Singleton Bird Sanctuary was previously part of a seasonally wet depression, however, in the 1970's was reconstructed into a manmade wetland. The lake currently has high nutrient levels, is reliant on the pumping of bore water (which is currently over the allocated license allowance), has pH and dissolved oxygen levels which are outside of acceptable limits, heavy metals are present and due to the wetland now being permanently flooded, the formation of mono-sulphide material is occurring.

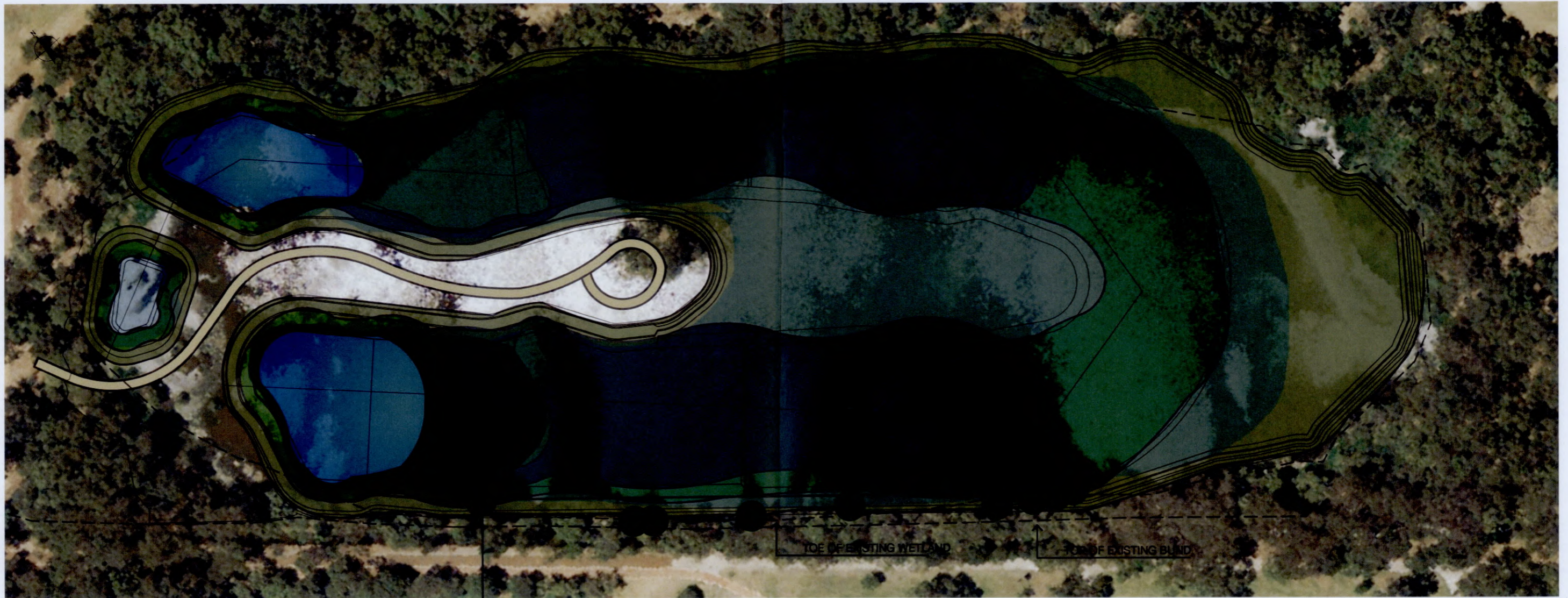
The project has included site briefings with the following groups who have all indicated their support for the project:

- Friends of ESBS;
- Members from Birds Australia; and
- Other interested community members.

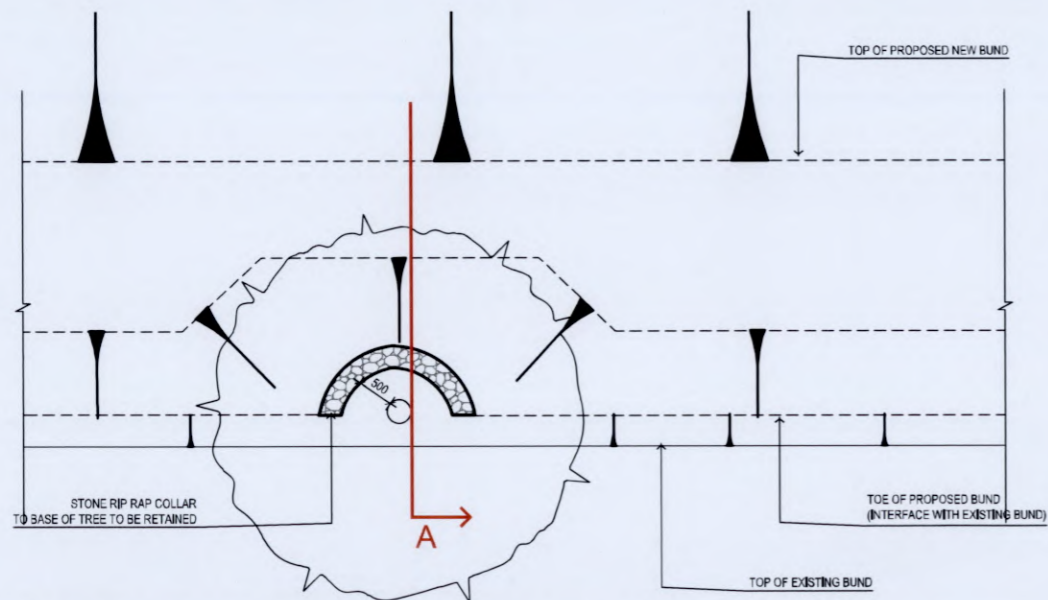
There are significant environmental benefits of the proposed design over the current wetland functionality which includes:

- Development of a greater variety of bird and fauna habitat types, this will translate to a greater diversity and abundance of native bird species;
- Increased eco-recreational opportunities including increased accessibility by the public into the centre of the wetland along the groin;
- Reinstatement of natural ecosystem cycles to the wetland and limiting algal blooms in the wetland;
- Removed reliance on bore water supply for the wetland;
- Increased climate change adaptive ability for the wetland in a drying climate;
- Revegetation of the wetland; and
- Reduce contaminants from the Bayswater Brook estimated to be in the order of:
 - 32,870 kg/yr suspended solids;
 - 199 kg/yr total Phosphorous (P);
 - 1,350 kg/yr total Nitrogen (N); and
 - 7,398 kg/yr Gross Pollutants.

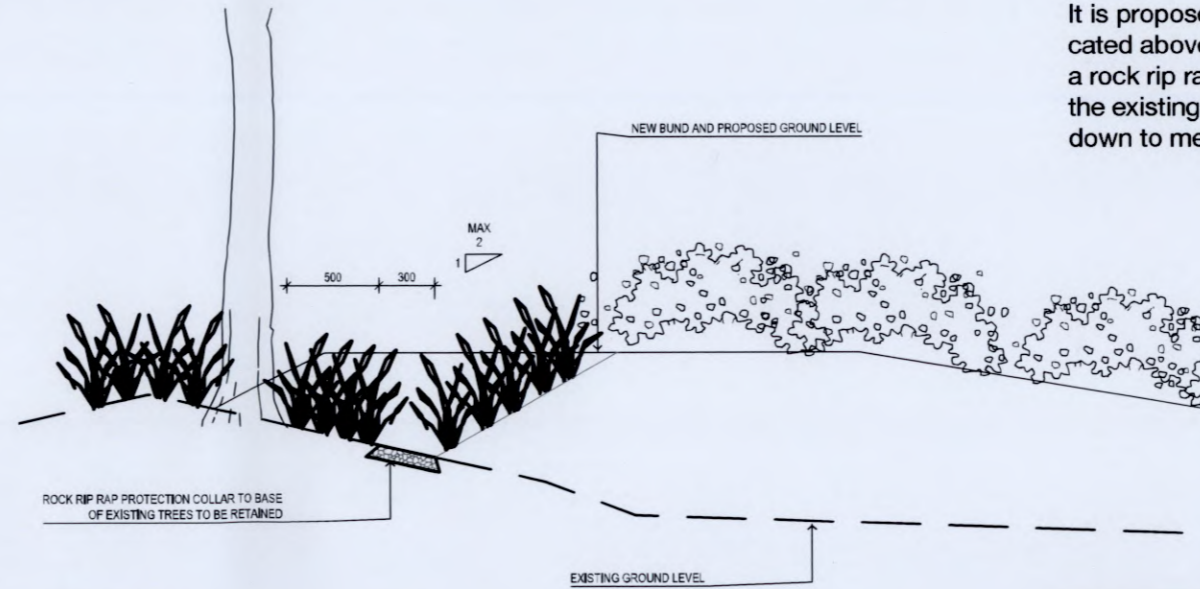
Accordingly, the City respectfully requests that the Department's consideration on fast tracking the application of the clearing permit for early December 2013 so that the City and State Government can commence the project this summer. Should the project be delayed due to an extended period of consideration for the clearing permit, the funding for the project may be in jeopardy.



PROPOSED TREES TO BE REMOVED



PROPOSED TREATMENT FOR TREES TO BE RETAINED ALONG EXISTING BUND ON WESTERN EDGE



SECTION A

It is proposed that all trees other than those indicated above are where possible retained by installing a rock rip rap collar offset 500mm from the base of the existing tree and locally mounding the new bund down to meet the existing levels.

ERIC SINGLETON BIRD SANCTUARY
 PROPOSED TREES TO BE REMOVED/ RETAINED ALONG WESTERN EDGE