



Department of Primary Industries

OUT16/5341

Mr Patrick Copas
Industry Assessments
NSW Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

Patrick.Copas@planning.nsw.gov.au

Dear Mr Copas,

The Sydney Zoo, Bungarribee (SSD_7228) Comment on the Environmental Impact Statement

I refer to your email dated to the Department of Primary Industries in respect to the above matter. DPI Fisheries has no issues. DPI Water submits the following comments.

Comment by DPI Water

DPI Water has reviewed the Environmental Impact Statement and provides general recommendations below and detailed comments in Attachment A.

DPI Water recommends:

- The zoo design/layout is reconfigured to locate the proposed carpark outside the riparian bushland corridor on land that is already cleared of native vegetation, or if possible the cleared area defined in the key as "south plot boundary – not in scope" is used for car parking.
- Any activities on waterfront land should be carried out in accordance with the *Guidelines for controlled activities on waterfront land* (DPI 2012).
- The design and construction of any stormwater outlet structures on waterfront land should be in accordance with *the Guidelines for outlet structures on waterfront land* (DPI 2012).

For further information please contact Janne Grose, Water Regulation Officer (Parramatta Office) on 8838 7505 or at janne.grose@dpi.nsw.gov.au.

Yours sincerely

Mitchell Isaacs
Director, Planning Policy & Assessment Advice
08/02/2016

Attachment A

The Sydney Zoo, Bungarribee (SSD_7228) Detailed comments - DPI Water

DPI Water has reviewed the EIS and provides the following comments:

Corridor along Eastern Creek

DPI Water notes the *Parklands Plan of Management 2020* includes an objective to secure a bushland corridor along the entire length of the parklands. Within the Bungarribee precinct, the Bungarribee Master Plan in the EIS (figure 6) shows the bushland corridor is to be located along Eastern Creek.

Figure 1 in Appendix G shows the carpark is proposed to encroach into the bushland corridor. DPI Water recommends consideration is given to reconfiguring the design and layout of the zoo so that the proposed carpark is located to avoid disturbing the bushland corridor. If possible the cleared area defined in the key as “south plot boundary – not in scope” should be considered for car parking.

Controlled Activities Guidelines

The EIS notes no works are proposed within 40 metres of Eastern Creek (see Table 6, page 46 and Section 5.1.8, page 53) but it also indicates work is to be undertaken in the riparian zones River Flat Eucalypt Forest (see table 61, page 108 and Table 70, page 133). It is not clear whether this reference to riparian zones includes works within 40 metres of Eastern Creek. If activities are to be carried out on waterfront land, as defined under the *Water Management Act 2000*, the activities should be carried out in accordance with the *Guidelines for controlled activities on waterfront land* (DPI 2012).

Stormwater Management

Appendix G indicates runoff from the carpark catchments will be conveyed to stormwater inlet pits for primary treatment of stormwater pollutants (Section 3.3, page 9). Section 3.7 of Appendix G notes the OSD Storage 1 will discharge to the west via multiple low level piped culverts to help disperse the flows to the natural ground surface uphill from the alignment of Eastern Creek (page 16). If outlet structures are proposed to be located on waterfront land, it is recommended the project includes the following mitigation measure:

- The design and construction of any outlet structures on waterfront land is to be in accordance with the *Guidelines for outlet structures on waterfront land* (DPI 2012).

End Attachment A