



Department of Primary Industries

OUT14/28011

Mr Mark Brown
Key Sites and Social Projects
NSW Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

2 SEP 2014

Mark.Brown@planning.nsw.gov.au

Dear Mr Brown,

**Kirrawee Brick Pit Site Concept Plan (MP10_0076 Mod. 3)
Re-Exhibition of Proposed Modification**

I refer to letter from Amy Watson dated 21 July 2014 to the Department of Primary Industries (DPI) requesting advice in respect to the above matter.

Comment by NSW Office of Water

The NSW Office of Water (Office of Water) has reviewed the Response to Submissions report for the proposed modification to the approved Concept Plan and provides the following comments/recommendations, with further detail provided at Attachment A.

Comments/Recommendations

Further clarification is required as to the minimum riparian widths to be established around the pond. As the water body is intended to provide compensatory habitat, the Office of Water recommends conditions require a vegetated riparian corridor at least 30 metres wide.

- Further clarification is required as to the type of vegetation to be established around the pond. It is recommended that conditions require vegetation management in accordance with a vegetation management plan that is consistent with the NSW Office of Water's *Guidelines for vegetation management plans on waterfront land*.
- Further clarification is required as to whether shading from surrounding towers (in the northern end of the park) will affect the long-term growth of wetland plants established around the pond's perimeter to maintain water quality.

For further information please contact Janne Grose, Planning and Assessment Coordinator (Penrith office) on 4729 8262 or at janne.grose@water.nsw.gov.au.

Yours sincerely

Kristian Holz
Director Policy, Legislation and Innovation

Attachment A

Kirrawee Brick Pit Site Concept Plan (MP10_0076 Mod. 3) Proposed Modification Additional comments by NSW Office of Water

Riparian width and riparian vegetation

The Office of Water advised in its submission at the EIS stage that the modification appears to reduce the riparian width around the compensatory water body when compared with the approved Concept Plan. The RTS indicates the amended S75W scheme provides the same riparian area as proposed in the approved Concept Plan (see Section 5.2, page 46).

The Amended Landscape Plan does not provide sufficient details to determine the riparian corridor width that is proposed to be established around the pond/perimeter wetland. It is recommended details on the minimum riparian widths to be established around the pond are provided.

Documents accompanying the RTS for MOD 3, including:

- the Landscape Statement ;
- Ground Floor + Public Domain Plan in the Amended Landscape Plan;
- the Illustrative Ground Level Plan;
- Amended Photomontages (1) and (3);

appear to show the area of Sydney Turpentine Ironbark Forest (STIF) around the western and southern boundaries of the pond are narrower than shown in plans accompanying the Concept Approval of 23 Aug 2012 (such as the Site Plan, the Landscape Plan and Lower Ground Floor Plan) and also the Amended Indicative Staging Plan in the approved Modification 2 of 16 May 2014. As the water body is intended to provide compensatory habitat, it is suggested the riparian widths are wider rather than narrower.

The Amended Landscape Plan does not provide adequate details to determine the vegetation that is proposed to be established around the pond. It is recommended the riparian corridor around the pond consists of fully structured native vegetation consisting of trees, shrubs and groundcover from the local vegetation community. It is unclear from the Amended Landscape Plan whether STIF is proposed to be planted adjacent to the pond/perimeter wetland.

Photomontages (1) and (3) show mown lawn is proposed to be established adjacent to part of the pond. Mown lawn is not recommended to be established adjacent to the pond, particularly as the pond is to provide compensatory habitat.

Wetland Species

The RTS notes the passive open portion of the park at the southern end will receive the most sunlight (page 31). As the pond is proposed to now be located at the northern end of the park, it is unclear whether shading from the surrounding towers will affect the long term growth of wetland plants that are to be established around the pond's perimeter to maintain water quality.

End Attachment A