



Department of
Primary Industries

30 JUL 2013

OUT13/20014

Ashley Cheong
Industry Projects
NSW Department of Planning and Infrastructure
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Dear Mr Cheong,

**Penrith Glass Benefication Plant (SSD 5267)
Response to exhibition of Environmental Assessment**

I refer to your letter dated 5 June 2013 requesting advice from the Department of Primary Industries (DPI) in respect to the above matter.

Comment by NSW Office of Water

Comments by NSW Office of Water are provided in attachment A.

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

Comment by Fisheries NSW

Fisheries NSW advise no issues.

For further information please contact Carla Ganassin, Conservation Manager (Wollongong office) on 4254 5527, or at: carla.ganassin@dpi.nsw.gov.au.

Yours sincerely

Phil Anquetil
Executive Director Business Services

Attachment A

Penrith Glass Benefication Plant (SSD 5267) Response to exhibition of EIS Additional comments by NSW Office of Water

SREP20 Wetland Buffer

The NSW Office of Water (Office of Water) in its submission on draft Environmental Impact Statement (EIS) (II) recommended that the EIS confirm the riparian corridor that is proposed to be established along the wetland is consistent with the General Terms of Approval (GTAs) issued for the integrated development referral for the subject site in relation to the proposed hardstand area and drainage works. Section 5.3.5 of the EIS states the riparian corridor is consistent with Condition 23 of the NSW Office of Water's General Terms of Approval (page 5-159).

Watercourses and Riparian Land

In the DGR submission of 9 May 2012, the Office of Water advised it has issued a Controlled Activity Approval for the Waterside Green site which is located to the north-west of the site on the northern side of Andrews Road. At the Waterside Green site, the Office of Water required that a minimum 20 m riparian setback is rehabilitated either side of the constructed lakes system.

The Office of Water recommended that the EIS for the SSD proposal provide details as to whether a watercourse is located on, or adjacent to the western side of the site and for the EIS to identify where the water flows and how it is connected to the Waterside Green site. The Office of Water recommended if the watercourse is connected to the Waterside Green site a riparian corridor is established along the watercourse consistent with the riparian setbacks at the Waterside Green site.

The EIS confirms an unnamed watercourse is located on the western boundary of the site with flows coming from the catchment areas to the north. The EIS implies the flows in the unnamed watercourse are connected to the Waterside Green site which is located upstream of the site. It notes the flows coming from the catchment areas to the north drain eastward before turning southward and the watercourse also has flows coming from the east of the site which drain through the drainage reserve on the northern boundary and that both flows meet before flowing southward down the unnamed watercourse before discharging to the SREP20 wetland on the southern boundary of the site and then to Boundary Creek and the Nepean River (page 4-14).

In the submission on draft EIS (II) the Office of Water recommended the EIS include a scaled plan which shows the location of the watercourse on the western side of the site, the riparian zone, the proposed development and the boundary of the site. While the Landscape Plan (Figure 5-44) does not show the location of the watercourse on the western boundary of the site, it shows that *Casuarina glauca* groves adjoin the western boundary of the existing concrete hardstand area and this vegetated area adjoins the wetland. Section 4.3 of the EIS notes the wetland along the western side contains casuarina groves and *Eucalyptus amplifolia*.

The EIS makes reference to an existing channel located on the eastern boundary of the site where a water quality treatment wetland is proposed to be located. The EIS does not specify if this channel is a natural watercourse or an artificial feature. Clarification is required on this as the Office of Water has advised Council that there should be no on-line water quality treatment, and it is unclear how drainage from the bunkers will be treated.

Section 5.3.1.5 of the EIS notes the existing wetland areas are in poor condition and contain low to moderate weeds (page 5-148). It is noted a weed control program shall be implemented over the entire site, including the existing wetland area on the western side of the site. The Office of Water supports weed control being undertaken within the riparian/wetland area on the site. The Landscape Concept Plan does not indicate native plants are proposed to be planted within the wetland area on the western side of the site. It is recommended the riparian/wetland area is

rehabilitated to mimic a natural system. The rehabilitation should include the establishment of local native riparian plant species endemic to the local vegetation community to improve the riparian/wetland area.

It is recommended a monitoring and maintenance program is undertaken for the rehabilitation of native riparian vegetation. A minimum maintenance period of 2 years is recommended after final planting.

Stormwater

The EIS clarifies that all surface drainage on the proposed hardstand concrete areas and bunker locations are to be directed to GPTs prior to discharge into the proposed wetland for further treatment (Section 5.3.6.2, page 5-161).

Section 5.3.5 indicates water quality swales would be installed in this area and it would be planted with various indigenous species. Section 5.3.1.3 indicates the swales would be grassed to aid deposition of solids washed off the hardstand area (page 5-147). It is recommended the water quality treatment wetland and swales are planted with local native plant species from the appropriate local vegetation communities.

End Attachment A