



NSW Government

Department of Water & Energy

Our Ref: WERM 2006\_04528 Rosedale Subdivision  
Your Ref: 6052PM:JAT

1 November, 2007

Conacher Travers P/L  
PO Box 7128  
KARIONG NSW 2250

Attention: John Travers

Dear John,

**Re: DWE review of the Riparian Constraints Analysis  
Bevian Road Concept Application, Rosedale, South Coast NSW**

Department of Water and Energy (DWE) has been requested by the proponents (Naturecoast Developments Pty Ltd) on behalf of the NSW Department of Planning to comment on the proposed riparian corridor network and riparian buffers that have been proposed for "watercourses" as discussed with myself onsite, 6<sup>th</sup> of November 2006 and 14<sup>th</sup> March 2007 the, and at a subsequent meeting in Moruya on 27<sup>th</sup> September 2007.

The proponent requested that DWE comment specifically on the following issues:-

1. Confirm the extent of mapped Category 3 watercourses as defined under the Rivers & foreshore Improvement Act 1949 for the subject site.
2. Confirm that the riparian buffer concept, as proposed by the proponents, will meet the primary objectives of category 3 watercourses, namely bank stability and water quality protection.
3. Confirm that DWE has recommended a minimum 50 m buffer from the SEPP 14 Wetland – Bevian Swamp.

I have received and reviewed the following documents from the proponent:-

- Riparian Constraints Analysis (correspondence prepared by Conacher Travers originally supplied on the 30<sup>th</sup> April 2007 and updated 27<sup>th</sup> September 2007).
- Buffer Constraints Analysis (Figure 8, 8.1, 8.2, & 8.3) prepared by Conacher Travers identifying the buffer zone widths provided to the nominated water courses supplied on 12.10.07).

At the meeting on the 27th September 2007, the following outcomes were confirmed:-

- That Figure 3 of the Riparian Constraints Analysis prepared by Conacher Travers identifies the categorised watercourses on the subject site, and is as agreed on site in Nov 06, 14<sup>th</sup> March and 27<sup>th</sup> September 2007. It is considered acceptable that the upper reaches of the drainage lines as indicated on Figure 3 are capable of being managed within the development area as overland flow drainage paths with appropriate water sensitive urban design runoff management measures.

JT/MSR

- I have reviewed the proposed buffers and I am satisfied that they meet the primary objectives of Category 3 watercourses, specifically the protection of water quality and bank stability.
- DWE has recommended a minimum 50 m riparian buffer to the Bevia Swamp Wetland as measured from the high water level. The recommendation was based on the former DNR riparian corridor guidelines for the maintenance of an environmental corridor around the wetland.

It was also agreed (onsite, 14<sup>th</sup> March 2007), that the typical top of bank of the creek has probably been significantly modified by erosion of the drainage line and earthworks for the construction of dams and creek crossings. I am satisfied that provided the mapped erosion bank adjacent to the watercourses are protected within the proposed core riparian zone, and subject to further details being provided as part of future applications, the proposed buffer widths are compliant with the requirements of a Category 3 watercourse. Given that the proposed asset protection zones also provide additional protection to the water course, I am satisfied that recommended management objectives for the water courses can be adequately met.

In summary, DWE confirms that, subject to further detail being received as part of future applications, the proposed riparian corridors and buffers are consistent with DWE advice. If you would like to discuss further please contact Bob Britten (Resource Project Officer) – telephone contact: (02) 6491 8209.

Yours Sincerely



Bob Britten  
Resource Project Officer  
Compliance and Licensing