



23 March 2009

Heather Warton  
Director, Coastal Assessments  
NSW Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Your ref: MP 09\_0056

Attention: Jane Flanagan

Dear Ms Warton,

**Re: Proposed Residential Subdivision at  
Lot 1 DP 1021332, George Evans Road, Mundamia (MP09\_0056)  
Section 75F(4) EP&A Act Consultation**

I refer to your letter of 19 March 2009, and enclosed Preliminary Assessment report by Watkinson Apperley P/L (dated March 2009), requesting Department of Primary Industries key issues and environmental assessment requirements for the above major project application.

**Issues Related to Fisheries**

The responsibilities of the Department of Primary Industries (DPI) include conserving fish stocks and fish habitat, marine vegetation, threatened fish species and aquatic biodiversity. As such the Department is concerned about any potential impacts that the proposed residential subdivision may have on aquatic species and the aquatic environment in the vicinity.

The Department advises that the environmental assessment for the proposed development should consider the following issues:

- Description of all aquatic environments (watercourses, wetlands) located on the site or adjacent to the site and their regional significance.
- Predictions of any impacts upon aquatic environments on or adjacent to the site (both temporary and permanent).
- Safeguards to mitigate any impacts upon aquatic environments and riparian habitats (e.g. full details and widths of any proposed riparian buffer zones).
- Predictions of any impacts upon water quality and aquatic threatened species, populations and ecological communities listed under the *Fisheries Management Act 1994* (both temporary and permanent).
- Safeguards to mitigate any impacts upon water quality, including impacts downstream into Flat Rock Creek and the Shoalhaven River. This should include full details of proposed effluent management, stormwater, road drainage and water quality management for the site

(e.g. description and locations of on-site wastewater systems, swales, water quality retention ponds etc.) and if relevant details of proposed acid sulphate soils management.

- Predictions of any impacts of sea level rise and coastal inundation on the proposed development and proposed safeguards to mitigate any impacts.
- Details confirming that the proposed development is fully consistent with the South Coast Regional Strategy.

DPI recommends the use of best practice Water Sensitive Urban Design, and the implementation of appropriate sediment and erosion control regime and water quality and stormwater management provisions to safeguard the aquatic environment and mitigate impacts on water quality downstream.

DPI recommends inclusion of appropriate riparian corridors to provide a buffer between the development areas and adjacent waterways or natural drainage lines to provide protection to riparian and aquatic habitats. Retention and replanting of native riparian vegetation will help to protect receiving waters from erosion and runoff and benefit fish habitat. Where the riparian zone may become degraded or disturbed due to past use or construction works, rehabilitation of the zone is recommended including planting of endemic riparian vegetation.

The design and construction of any watercourse crossings on the site should be undertaken in accordance with the Department's *Policy and Guidelines for Fish Friendly Waterway Crossings* (2004) and *Why Do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings* (2004). These documents are available on our website [www.dpi.nsw.gov.au](http://www.dpi.nsw.gov.au), under 'Aquatic Habitats' and 'Publications'.

For further detailed advice on DPI's aquatic habitat requirements, the applicants should refer to the Department's *Policy and Guidelines Aquatic Habitat Management and Fish Conservation* (1999) also available on our website [www.dpi.nsw.gov.au](http://www.dpi.nsw.gov.au).

Please ensure a copy of the Director-General's Requirements and the subsequent environmental assessment documents provided by the proponent for this major project are provided to DPI for review and further comment if required prior to project approval. DPI also requests that a copy of this correspondence is provided to the applicant for their information.

If you require any further information, please contact me on 02) 4478 9103.

Yours faithfully



**Trevor Daly**  
**Fisheries Conservation Manager, South Coast**