



Office of Water

Mr Michael Woodland
Department of Planning and Infrastructure
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Sydney NSW 2001

Attention: Amy Watson

7 July 2011

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Our ref : ER20900
Your ref: MP10_0177 Mod 2

Dear Mr Woodland

**MP 10_0177 MOD 2 – Modification of approval – Stage 1 project application
Residential and child care development – 14-18 Boondah Road, Warriewood**

I refer to your email of 23 June, 2011 seeking comment from the NSW Office of Water (NOW) on the modification application (MOD 2) for the above approved project.

NOW does not consider adequate information has been provided with the modification application to assess the potential impacts of discharging potentially contaminated groundwater from the basement area to the Warriewood wetlands, including the potential impacts on the wetland's water quality and quantity, vegetation and habitat.

The Hydrogeological Report (dated 2 March 2011) indicates that during construction the groundwater flows would be pumped to the Bio-retention Basin A and from this basin there will be controlled discharge to the Warriewood wetlands (page 7). The report indicates that depending on the quality, treatment may be required. In relation to the operation phase of the development, no details have been provided as to whether it is also proposed to pump water from the basement to the detention basin and discharge to the wetland. No assessment has been provided on the impacts of discharging potentially contaminated groundwater from the basement area to the wetland or any proposed treatment of this water.

Principles of the *Water Management Act 2000*, which are relevant to this modification application include:

- (a) water sources, floodplains and dependent ecosystems (including groundwater and wetlands) should be protected and restored and where possible, land should not be degraded, and
- (b) habitats, animals and plants that benefit from water or are potentially affected by managed activities should be protected and (in the case of habitats) restored, and
- (c) the water quality of all water sources should be protected and where ever possible enhanced.

The applicant needs to demonstrate that the proposed modification will not adversely affect the Warriewood wetlands and that the discharge of potentially contaminated

groundwater of below ground areas will not degrade the wetlands, meet the National Water Quality Management Strategy ANZECC guidelines for Aquatic Ecosystems and the water quality objectives for the receiving waters. Otherwise the approved conditions in relation to this project need to remain.

Based on the information provided with the modification, NOW can not support the proposed amendment to the existing Condition C19a to permit intermittent dewatering of the basement carpark. The existing Condition C19a is still relevant to the proposal.

Yours sincerely



Mark Simons

A/ Manager Major Projects, Mines and Assessment