

ENVIRONMENT PROTECTION AUTHORITY - COMMENT SHEET

Project:	Pacific Hwy Upgrade – Woolgoolga to Ballina (section 3 to 11)		
Document title:	Realignment Portion A – Glenugie Interchange to Eight Mile Lane Interchange (Chainage 33500 – 36000)		
Revision No.:	Rev 0, 3 November 2016		
Reviewer name:	Craig Dunk and Peter Higgs	Review date:	24 November 2016

Thankyou for the opportunity to comment on the Woolgoolga to Ballina Pacific Highway Upgrade realignment proposal between Glenugie Interchange and Eight Mile Lane Interchange. The EPA has reviewed the Environmental Assessment Modification document for the realignment of approximately 2.5km of road which is understood to be moved no more than 250m to the east of the existing approved boundary. The EPA has provided comments in the table below:

Reference	EPA Comments	Client Response
General comment.	The EPA acknowledges the intention to undertake the works in accordance with the existing documents approved for the project including the Construction Environment Management Plan (CEMP) and supporting documents including the Construction Soil and Water Management Plan (CSWMP), Construction noise and Vibration Management Plan (CNVMP) and Construction Flora and Fauna Management Plan (CFFMP).	
Section 5.2.2 Hydrology, water quality and soil management. Existing Environment Water quality	The EPA notes that no permanent water quality basins are proposed to be located within the area identified in the modification. The EPA seeks confirmation regarding the proposed approach to manage potential pollution and poor water quality discharges from the new road to the waters of Picaninny Creek will be managed.	

basins.		
<p>Section 5.2.2</p> <p>Hydrology, water quality and soil management.</p> <p>Existing Environment</p> <p>Flooding impacts</p>	<p>The EPA notes that the modelling has identified that there will be non-conformances with the flood management objectives for afflux, velocity and duration, that Glenugie state forest will be impacted by afflux and that the velocity and duration impacts have been categorised as low risk.</p> <p>The EPA is unclear if any mitigation measures are proposed to minimise changes to vegetation or soils as a result of the identified non-conformances.</p> <p>The EPA notes the above statement has been removed from this section in Mod 6</p>	
<p>Section 5.2.3</p> <p>Hydrology, water quality and soil management.</p> <p>Impact Assessment</p>	<p>The EPA notes that no sediment basins are proposed to be located within the area identified in the modification.</p> <p>The EPA is unclear if there is likely to be temporary basins constructed in the alignment to manage sediment and dirty water generated during construction works or if enhanced erosion and sediment controls are to be established to manage dirty water in accordance with Blue Book requirements.</p>	
<p>Section 5.5.4</p> <p>Visual amenity and landscaping.</p> <p>Mitigation/management.</p>	<p>The EPA notes that a landscape design package will be developed for the proposed modification which will incorporate landscaping and rehabilitation of the riparian corridor surrounding Picaninny Creek.</p> <p>The EPA encourages the use of soft scour treatments to improve visual amenity and to improve opportunities for fauna to utilise drainage structures.</p>	
<p>Flora and Fauna</p>	<p>The EPA notes that the connectivity structures proposed for this modification mirror the ones proposed for the original alignment and the EPA are supportive of this.</p>	