



File No: NTH08/01249/02
Your Ref: MP06_0297_MOD3

The Director
Resource Assessments
Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

Attention: Anthony Barnes – Senior Planning Officer

Dear Sir / Madam,

Proposed Major Project Modification – South Ballina Sand Quarry Extension (MP_06_0297_MOD3)

I refer to your email of 21 July 2017 requesting comment from Roads and Maritime Services in relation to the proposed modification of the abovementioned major project approval.

Roles and Responsibilities

The key interests for Roads and Maritime are the safety and efficiency of the road network, traffic management, the integrity of infrastructure and the integration of land use and transport.

River Drive, Burns Point Ferry Road and South Ballina Beach Road are local roads. Ballina Shire Council is the roads authority for all public roads (other than freeways or Crown roads) in the local government area pursuant to Section 7 of the *Roads Act 1993*. Roads and Maritime is the roads authority for freeways and can exercise roads authority functions for classified roads in accordance with the Roads Act. Council is responsible for setting standards, determining priorities and carrying out works on local and regional roads. Roads and Maritime's concurrence is required prior to Council's approval of works on classified (regional) roads under Section 138 of the *Roads Act 1993*.

In accordance with Clause 16 of the *State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007*, Roads and Maritime is given the opportunity to review and provide comment on the subject development application.

Roads and Maritime Response

Roads and Maritime has reviewed the referred information and provides the following comments to assist the consent authority in making a determination;

1. It is understood that the proposed modification will increase the total extractable resource and extend the life of the quarry operation until 31 August 2033. The proposed modification maintains the existing annual extraction limit and number of truck movements generated per day. The expansion will increase the total number of truck movements generated by the quarry over the operation life of the development.

2. Roads and Maritime reiterates our advice of 26 February 2010 (attached) and suggests the Consent Authority may wish to further consider the impact of peak hourly vehicles movements at the River Drive and South Ballina Drive intersection.

Any assessment should consider the existing intersection geometry against the Austroads warrants for turn treatments, the available sight distances on each approach for the posted speed limit and swept path analysis for relevant design vehicles for all directions of movement. Where non-conformances or road safety concerns are identified then appropriate measures should be implemented prior to the transport of extracted material under the proposed modification.

3. It is understood that environmental management, monitoring, auditing and reporting of Transport related impacts is required under Schedule 5 of the Project Approval. It is recommended that the Environmental Management Strategy under Schedule 5 of the Project Approval be updated to include a Driver Code of Conduct for haulage operators, this should include, but not be limited to;
 - o A map of the primary haulage routes highlighting critical locations.
 - o Safety initiatives for haulage through residential areas and/or along school bus routes.
 - o Safety initiatives for interaction with pedestrians and cyclists along the transport route.
 - o An induction process for vehicle operators & regular toolbox meetings.
 - o A complaint resolution and disciplinary procedure.
 - o Any community consultation measures for peak haulage periods.

It is recommended that all improvements to the road network work should be designed and constructed in accordance with the current AUSTRROADS Guidelines, Australian Standards and Roads and Maritime Supplements. Works on the local road network should be constructed to Council's specifications.

Upon determination of the application it would be appreciated if the Department could forward a copy of the Notice of Determination for our records. If you have any further enquiries regarding the above comments contact Matt Adams, Acting Manager Land Use Assessment on (02) 6640 1362 or via email at: development.northern@rms.nsw.gov.au

Yours faithfully



17 August 2017

For Liz Smith
A / Network & Safety Manager, Northern Region

Enc: RMS Advice 26 February 2010