

File No: NTH14/00067

Your Ref: 98/35 Mod 4

Planning & Environment – Resource Assessments  
GPO Box 39  
SYDNEY NSW 2001

Attention: Iwan Davies

Dear Sir / Madam,

**Waterfall Way [MR76]: DA 98/35 MOD 4 – Hillgrove Mines – Notice of Exhibition.**

I refer to your email of 2 February 2018 requesting comment from Roads and Maritime Services in relation to the abovementioned development modification.

**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.

Waterfall Way [MR76] is a classified (State) road under the *Roads Act 1993* (Roads Act). Armidale Regional 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. Roads and Maritime is the roads authority for freeways and can exercise roads authority functions for classified roads in accordance with the Roads Act. Any proposed works on a classified (State) road will require the consent of Roads and Maritime. Consent is provided under the terms of a Works Authorisation Deed (WAD).

In accordance with Part 3, Clause 16, of the State Environmental Planning Policy (Mining, Petroleum Production & Extractive Industries) 2007 the Roads and Maritime is required to comment on the proposed modification to the existing development consent.

**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. A Traffic Impact Assessment (TIA) has not been provided with this application. Roads and Maritime has no record of receiving a TIA as part of the original approval and has previously requested a TIA. It is understood that the proposed modification to process materials to a maximum capacity of 250,000 tonnes per annum is permitted.
2. Roads and Maritime has been supplied with the Road Safety Audit (RSA) undertaken by TTM Consulting Pty Ltd dated 16 May 2016.
3. The RSA assesses in part the required intersection analysis for the Waterfall Way and Stockton Road intersection. Based on this analysis it is considered unlikely that a Channelised Right (CHR) turn will be required.

It is noted that the RSA was undertaken in accordance with the Austroads (2009) third edition, Part 6 – Road Safety. TTM Consulting site inspection utilised site specific data gathered in 2015, specifying that a projected traffic volume to 2028 would result in 1740 AADT, at a projected 2% per annum increase. Based upon these figures, and with the provision of adequate sight distances as specified in the TTM Consulting RSA, the application of Austroads intersection treatments AGTM06 – Part 6 Intersections and Interchanges and Crossings it is noted that a CHR is not required at this point in time.

4. A minimum BAR and BAL treatment is required at this intersection. Geometric requirements are to be in accordance with the Austroads requirements for the respective treatments.

Council should be satisfied that the impact of through and turning traffic has been adequately addressed, by ensuring that these treatments are effectively in place and designed and constructed in accordance with the Austroads Guidelines, Australian Standards and Roads and Maritime Supplements and Specifications.

5. It is noted that the applicant is investigating financial opportunities for the future capacity of the mine to increase. Any future development application for the above will be required to be referred to the Roads and Maritime Service. In the interest of meeting its legislative obligations, it is requested that any future development application include a detailed Traffic Impact Assessment.

All works on the classified (State) road will need to be designed and constructed in accordance with the current Austroads Guidelines, Australian Standards and Roads and Maritime Supplements.

The developer will be required to enter into a Works Authorisation Deed (WAD) with Roads and Maritime for any works deemed necessary on the classified (State) road. The developer will be responsible for all costs associated with the works and administration for the WAD.

It is recommended that developers familiarise themselves with the requirements of the WAD process. Further information can be accessed using the following link:

<http://www.rms.nsw.gov.au/projects/planning-principles/index.html>

#### **Advice to the Consent Authority**

Upon determination of the application it would be appreciated if Council could forward a copy of the approval for our records. If you have any further enquiries regarding the above comments please do not hesitate to contact John Perkins, A/Manager Land Use Assessment on (02) 6640 1362 or via email at: [development.northern@rms.nsw.gov.au](mailto:development.northern@rms.nsw.gov.au)

Yours faithfully



for Liz Smith  
A/Network & Safety Manager, Northern Region  
Date: 23 February 2018