



20 January 2016

SF2014/036013
CR2015/005907
DC

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

Dear Thomas Watt,

GOLDEN HIGHWAY (B84): DOLWENDEE QUARRY PROJECT, LOT: 2 DP: 1160936, 770
MERRIWA ROAD, DOLWENDEE (SSD 6519)

I refer to your email dated 8 December 2015 regarding the Dolwende Quarry Project forwarded to Roads and Maritime Services (Roads and Maritime) for comment in accordance with Clause 138 of the *Roads Act 1993*.

Roads and Maritime understands the proposed project to be for a new sandstone quarry, which would extract up to 250,000 tonnes of material per year. Operating hours for the quarry would be between the hours of 7am and 6pm Monday to Friday and 8am to 1pm on Saturday. The proposal will include a new intersection onto the Golden Highway and the construction of a haul road to the quarry.

Roads and Maritime Response

Roads and Maritime has reviewed the information provided including the Traffic Report by Colston Budd Hunt & Kafes dated November 2012, and proposed haul road plans by RHM Consulting Engineers dated August 2015. Roads and Maritime has no objections to the subject project provided the following requirements are included in the Minister's conditions of project approval:

- Prior to the commencement of construction activities and the mining operation associated with the proposed project, the new intersection with the Golden Highway shall be upgraded to a BAR / AUL type intersection. The intersection shall be designed and constructed in accordance with Austroads *Guide to Road Design 2010* (with Roads and Maritime supplements) and all other relevant guides, policies and standards, to the satisfaction of Roads and Maritime and Council. The following requirements will apply to the intersection:
 - The haulage road shall be aligned to intersect the Golden Highway at 90 degrees.

Roads and Maritime Services

- The intersection shall be designed to accommodate the turning path of the largest design vehicle.
- Adequate sight distance shall be provided for vehicles entering and exiting the site.
- Advanced intersection warning and all other road signs shall be provided on the Golden Highway, as determined by Roads and Maritime.

Comment: It should be noted that Roads and Maritime is in the planning stages for the future upgrade of the Golden Highway (HW27) which includes the Rosemount Road intersection. The proponent is required to coordinate the detailed design of the new intersection with Roads and Maritime. Please contact Tom McKenna – Technical Contracts Manager (Hunter) on ph. 4924 0413 for further information.

- The new haul road shall be constructed to cater for heavy vehicles and suitably paved for a minimum of 50m from the intersection of Golden Highway.
- Stormwater from the haulage road shall be adequately catered for within the site and shall not exceed the capacity of the Golden Highway stormwater drainage system.
- A Construction Traffic Management Plan (CTMP) shall be prepared which details the management of light and heavy vehicle movements associated with the project during construction, including the new intersection. The CTMP shall address the movement of oversize loads to and from the site, the management of construction traffic, any restrictions to the hours of heavy vehicle movements to avoid road use conflicts and the transport of construction waste materials. The CTMP shall be submitted to Roads and Maritime and Council for acceptance prior to commencement of any works.
- Roads and Maritime reserves the right to review the CTMP at any stage and make changes in the interests of maintaining road safety and network efficiency on the classified road network.
- As road works are required on Golden Highway, Roads and Maritime will require the developer to enter into a Works Authorisation Deed (WAD) with Roads and Maritime. Roads and Maritime would exercise its powers and functions of the road authority, to undertake roads works in accordance with Sections 64, 71, 72 and 73 of the Roads Act, as applicable, for all works under the WAD.

Comment: Further advice regarding the WAD process is provided in Attachment A.

- All works associated with the proposed development shall be carried out at full cost to the developer and at no cost to Roads and Maritime or Council, to Roads and Maritime and Council requirements.

It is requested that the developer consult with Roads and Maritime (and Council) prior to the execution of the WAD and undertaking any design work.

Further advice regarding the WAD process is provided in Attachment A.

On the Minister's determination of this matter, please forward a copy of the Project Approval to Roads and Maritime for record and / or action purposes. Should you require further information please contact David Collaguazo on 4924 0334 or by email at development.hunter@rms.nsw.gov.au

Yours sincerely,

A handwritten signature in blue ink, appearing to be 'KW' followed by a horizontal line and a small flourish.

Kevin Webster
Network and Safety Manager
Hunter

Attachment A: WAD Advice to Consent Authority and Developer

Advice to the Consent Authority

- On the Minister's determination a copy of the Project Approval should be forwarded to Roads and Maritime within the appellant period for advice / consideration and action where required.
- Conditions of development consent do not guarantee Roads and Maritime consent to the specific road works, traffic control signals and /or other structures or works for which it is responsible. The developer must obtain Roads and Maritime authorisation in writing prior to the commencement of any road works on The Golden Highway, including traffic management, temporary or permanent road works associated with the proposed development.

Advice to the Developer

- Following development consent, early discussion with the Roads and Maritime Project Manager is recommended. Roads and Maritime will initiate the WAD process by sending out a letter and information pack on receipt of the Project Approval, including the name and contact details of the Project Manager.
- As the WAD process, including acceptance of design documentation and construction can take considerable time, you should allow sufficient lead time within the project development program to ensure that all documentation and works are completed in advance of occupation. Roads and Maritime will not consider granting concurrence to occupation until it is satisfied all documentation and works under the WAD have been completed.
- Authorisation to commence construction will only be granted when Roads and Maritime is satisfied that all requirements under the WAD have been met by the developer, including Roads and Maritime fees and charges, an unconditional bank guarantee for the full value of the works, detailed design documentation, environmental assessment, road occupancy license, among other matters. Roads and Maritime will issue a letter to the developer advising of this authorisation.
- Any property acquisition / dedication required to accommodate the State road works / traffic control signals associated with the proposed development shall be at full cost to the developer, including all legal and survey costs. This land shall be dedicated by the developer as public road reserve in favour of the Council, as the owner.
- Part of the developers' timeline should make provision for Roads and Maritime to satisfy its obligations under the *Environmental Planning and Assessment Act 1979* (EP&A Act) to assess the environmental impacts of the works within the road reserve. Further investigation and assessment to that undertaken for the development consent may be required to the satisfaction of Roads and Maritime, under Part 5 of the EP&A Act.
- It is recommended that the developer use design consultants with the experience and knowledge of Roads and Maritime design requirements, in particular the Austroads *Guide to Road Design 2010* (with Roads and Maritime supplements) and relevant Australian Standards.
- A fact sheet providing further information on the WAD process can be obtained from the Roads and Maritime Private Developments Website at:
http://www.rms.nsw.gov.au/roadprojects/community_environment/private_developments.html
- Construction on a State road and / or traffic control signals requires the engagement of an Roads and Maritime pre-qualified contractor. A list of pre-qualified contractors can be found on the Roads and Maritime website below.

<http://www.rms.nsw.gov.au/doingbusinesswithus/tenderscontracts/prequalifiedcontractors.html>