



3 April 2020

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

Attention: Colin Phillips

SEARS REQUEST – STONE RIDGE QUARRY PROJECT – LOTS: 36 & 65 DP: 753200, LOT: 1 DP: 724372, PART LOT: 540 DP: 1207159, WALLAROO STATE FOREST, BALICKERA – SSD 10432

Transport for NSW (TfNSW) advises that legislation to dissolve Roads and Maritime Services and transfer its assets, rights and liabilities to TfNSW came into effect on 1 December 2019. It is intended that the new structure will enable TfNSW to deliver more integrated transport services across modes and better outcomes to customers and communities across NSW.

For convenience, correspondence, advice or submissions made to or by Roads and Maritime Services prior to its dissolution, are referred to in this letter as having been made to or by 'TfNSW'.

On 18 March 2020, TfNSW accepted the referral by the Department of Planning, Industry and Environment (DPIE) through the Planning Portal regarding the abovementioned application. DPIE referred the application to TfNSW for comment. This letter is a submission in response to that referral.

TfNSW's primary interests are in the road network, traffic and broader transport issues. In particular, the efficiency and safety of the classified road network, the security of property assets and the integration of land use and transport.

TfNSW have reviewed the Scoping Report for the proposed Stone Ridge Quarry Project, by Australian Resource Development Group P/L, dated February 2020. It is understood that the proposal be for a quarry with an extraction area to support the removal and transportation of 1.5Mtpa of material over a 30 year period.

TfNSW response & requirements

TfNSW recommends that the Environmental Impact Statement (EIS) should refer to the following guidelines with regard to the traffic and transport impacts of the proposed development:

- Road and Related Facilities within the Department of Planning EIS Guidelines,
- Section 2 Traffic Impact Studies of Roads and Maritime's *NSW's Guide to Traffic Generating Developments 2002*, and
- Austroads Guide to Traffic Management, Part 12, Traffic Impacts of Development

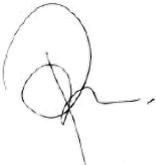
Furthermore, a traffic and transport study shall be prepared in accordance with the Roads and Maritime Services NSW's *Guide to Traffic Generating Developments 2002* and is to include (but not be limited to) the following:

- Current traffic counts for the Pacific Highway and Italia Road.
- The anticipated additional vehicular traffic generated from both the construction and operational stages of the project.
- The distribution on the road network of the trips generated by the proposed development. It is requested that the predicted traffic flows are shown diagrammatically.
- Consideration of the impact on the Pacific Highway and Italia Road intersection from the increase in trips resulting from the construction and operation of the quarry. The traffic impact shall also include the cumulative traffic impact of other proposed and operating developments in the area.
- Traffic assessment and analysis of the Pacific Highway at Italia Road is to include, using SIDRA or similar traffic model, including:
 - Current traffic counts and 10 year traffic growth projections
 - With and without development scenarios
 - 95th percentile back of queue lengths
 - Delays, degree of saturation and level of service on all legs for the relevant intersections
 - Modelling data files for TfNSW review.
- Identify the necessary road network infrastructure upgrades that are required on both the local and classified road network for the development. **Comment - TfNSW raise concern regarding the increase in all vehicle usage of this intersection in its current form, and in particular heavy vehicle usage. TfNSW consider the ability for the intersection to accommodate additional vehicles is limited. Grade separation of the right turns should be considered to mitigate the impact of the development.**

- Preliminary concept drawings shall be submitted with the EIS for any identified road infrastructure upgrades. However, it should be noted that any identified road infrastructure upgrades will need to be to the satisfaction of TfNSW and Council.
- Identification of funding mechanisms to deliver any required road infrastructure.
- Any other impacts on the regional and state road network including consideration of pedestrian, cyclist and public transport facilities and provision for service vehicles.

On determination of this matter, please forward a copy to TfNSW for record and / or action purposes. Should you require further information please contact Marc Desmond on 0475 825 820 or by emailing development.hunter@rms.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to be 'Peter Marler', written over a faint circular stamp or watermark.

Peter Marler
Manager Land Use Assessment
Hunter Region