



Our ref: STH09/02319/05
Contact: Chris Millet 4221 2570
Your ref: SSD 6334

19 June 2018

May Patterson
Team Leader
Resource Assessments
Department of Planning & Environment
BY EMAIL: May.Patterson@planning.nsw.gov.au

CC: Wingecarribee Shire Council (mail@wsc.nsw.gov.au)

STATE SIGNIFICANT DEVELOPMENT 6334 – SUTTON FOREST QUARRY PROJECT

Dear Madam

Roads and Maritime Services (RMS) refers to your correspondence dated 23 May 2018 regarding the subject development application.

RMS has completed an assessment of the development, based on the information provided and focussing on the impact to the State Road Network. For this development, the key state road is the Hume Highway.

RMS notes the developer has revised their proposal to include grade separated access between the site and the Hume Highway within the vicinity of the existing Kingsbury VC Rest Area.

The Hume Highway is primary arterial road which caters for interregional and interstate trips. RMS notes the proposal would significantly increase heavy vehicle movements and believes an integral part of any such proposal must include the grade separation of right turning movements for road safety reasons.

Whilst RMS recognises and supports the developer's intention to achieve grade separation, any proposed grade separated ramps or interchanges must be integrated with the surrounding road environment to provide appropriate access arrangements for existing public roads and private accesses as well as being appropriately integrated with existing land uses. For example, the new interchange on the Hume Highway at South Marulan provides access to the new quarry and is integrated with the existing local road network.

RMS believes there are a number of key issues associated with the proposed design. These are detailed in Attachment A. These issues need to be considered and addressed prior to determination.

Given the above, RMS does not support access arrangements to the quarry in their current form.

If you have any questions please contact myself on 4221 2570. Please ensure that any further email correspondence is sent to development.southern@rms.nsw.gov.au.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Chris Millet', with a stylized flourish at the end.

Chris Millet
Manager Land Use
Southern Region

Attachment A

- RMS notes the ramps do not provide connectivity to the Kingsbury VC Rest Area or Penrose Forest Way which are within the immediate vicinity of the offload ramp. The design thereby adds a second left turn offload within the immediate vicinity of the existing offload and a second onload (the northbound ramp) within the immediate vicinity of the existing right turn arrangement (from the Kingsbury VC Rest Area/Penrose Forest Way). This is unacceptable. The grade separated design would need to incorporate access to and from the Kingsbury VC Rest Area/Penrose Forest Way.
- RMS notes the southbound offloads ramps, and its supporting embankments, appear to significantly impact on the Kingsbury Rest Area. Further details of this impact need to be provided as well as any proposed mitigation measures.
- RMS notes the northbound onload ramp appears to pass directly through the existing northbound rest area without mitigating or offsetting this impact. Any proposal which impacts on the existing rest area would need to include the provision of a suitable alternative facility.
- Any proposal for ramps which do not facilitate all movements needs to be supported with an accessibility plan to detail how all movements in the precinct with access the Hume Highway (in all directions), including additional travel times. RMS notes the ramps do facilitate northbound onload from the properties west of the Hume and the southbound offload to these properties. RMS understands the remaining movements between the properties and the Hume Highway (northbound offload and southbound onload) would be facilitated by the Sally's Corner Interchange. RMS is concerned the existing median break between the proposed ramps and Sally's Corner Interchange would be used to facilitate turning movements. RMS does not believe this existing median break is suitable to facilitate such movements.
- The design of the ramps or interchange would need to be supported by a traffic analysis which details all movements (including residential movements, rest area movements, forestry movements etc). The traffic analysis would need to consider existing movements and the additional traffic movements predicted to be generated by the development.
- The design of the ramps must comply with Austroads Guide to Road Design Part 4C and Austroads Guide to Traffic Management Part 6. There is insufficient detail for these ramps to make a proper assessment. In addition, RMS is concerned the proposed ramps are too close to the Sally Corner Interchange ramps and may create an unacceptable weave issue. A more detailed strategic design would be required to demonstrate the ramps could be constructed in accordance with Austroads standards together with an appropriate analysis to demonstrate these ramps would not create unacceptable weave movements. The weave analysis would need to consider a future 20 year scenario.
- Consultation would need to be undertaken with all landowners impacted by the proposed arrangements and considered by the Department of Planning and Environment as part of their determination. Where a landowners' property is directly impacted by works associated with the quarry access road, RMS understands land owners consent would need to be obtained prior to determination of the quarry. In this regard, the owner of Lot 12 of DP241054 (Bernadette Lawlor) contacted RMS to discuss her concerns with the proposal. The proposed access road to the quarry appears to rely on significant embankments within her property and a relocated access point.

- RMS understands the quarry access road proposes to utilise an existing Crown Road. Clarification needs to be provided on whether this road is proposed to be a public (under the care and control of Wingecarribee Shire Council) or a private road (owned by the quarry).



- NOTES:**
1. PROPERTY BOUNDARIES SHOWN ARE INDICATIVE ONLY AND ARE BASED ON SCREEN CAPTURED COORDINATES FROM www.maps.six.nsw.gov.au.
 2. BASE SURVEY INFORMATION FROM PHOTOGRAMETRY. ACCURACY UNKNOWN.



PRELIMINARY

B	RELOCATE LOT3 DRIVEWAY		27/10/17
A	INITIAL ISSUE		27/10/17
rev	description	app'd	date

**SUTTON FOREST QUARIES PTY LTD
PROP. SUTTON FOREST SAND QUARRY
PROP. HUME HWY. ACCESS
ALT. 3 ARRANGEMENT**



Level 11, Crown Tower
200 Crown Street Wollongong NSW 2500 Australia
P.O. Box 5047 Wollongong NSW 2520
T 61 2 4222 2300 F 61 2 4222 2301
E wolmail@ghd.com W www.ghd.com

Conditions of Use: This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

scale | 1:5000 for A3 job no. | 23/16081/03
date | OCT. 2017 rev no. | B

approved (PD) **SK025**