

01 March 2018

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

Attention: Jack Murphy

NEW ENGLAND HIGHWAY (A43): MP 07_0087, BLOOMFIELD COLLIERY LIFE OF MINE EXTENSION – MODIFICATION 4

Reference is made to Council's email dated 1 February 2017, regarding the abovementioned application which was referred to Roads and Maritime Services (Roads and Maritime) for comment.

Roads and Maritime understands the proposal to be for:

- the extension of the existing open cut mining for an additional nine years (until 31 December 2030) beyond the life of the existing consent;
- continuation of mining within approved extraction areas at existing production limits of up to 1.3 Mtpa of ROM coal;
- modification of the previously approved final landform, moving the final void approximately 200 metres to the west;
- maintain a workforce of 93 site personnel.

Roads and Maritime has reviewed the information provided including the Environmental Impact Assessment ('EIA') written by AECOM dated 17 January 2018. While Roads and Maritime acknowledges that all coal extracted from the site is to be transported via the existing rail network and the proposal will not generate any additional workforce traffic, it is noted that additional construction traffic will be generated to upgrade new haulage routes. Details on the expected timeframe for construction, number of vehicles and access from the network has not been identified in the EIA. Accordingly, Roads and Maritime recommends that a traffic and transport study shall be prepared in accordance with Austroads Guide to Traffic Management Part 12 and the Roads and Maritime's *Guide to Traffic Generating Developments 2002* and is to include (but not be limited to) the following:

- Assessment of all relevant vehicular traffic routes and intersections for access to / from the subject properties.
- Current traffic counts for all of the traffic routes and intersections.
- Identification of 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 to a level of detail sufficient for easy interpretation.
- Consideration of the traffic impacts on existing and proposed intersections, in particular, the intersection of Four Mile Creek Road and the New England Highway, and the capacity of the local and classified road network to safely and efficiently cater for the additional vehicular traffic generated by the proposed development during both the construction and operational stages. The traffic impact shall also include the cumulative traffic impact of other proposed developments in the area.
- Identification of the necessary road network infrastructure upgrades that are required to maintain existing levels of service on both the local and classified road network for the development. In this regard, 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 Roads and Maritime and Council.
- Traffic analysis of any major / relevant intersections impacted, 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 and level of service on all legs for the relevant intersections
 - Electronic data for Roads and Maritime review.
- Any other impacts on the regional and state road network including consideration of pedestrian, cyclist and public transport facilities and provision for service vehicles.

Should you require further information please contact Hunter Land Use on 4908 7688 or by emailing development.hunter@rms.nsw.gov.au.

Yours sincerely



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Hunter Region