



20 January 2020

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

Attention: Lauren Evans

**SEARS REQUEST – MOUNT PLEASANT OPTIMISATION PROJECT
SSD 10418**

Transport for NSW (Transport) advises that legislation to bring Roads and Maritime Services and Transport together as one organisation came into effect on 1 December 2019 so we can deliver more integrated transport services across modes and better outcomes to customers and communities across NSW. Other than a name change from Roads and Maritime to Transport, it's business as usual and you can continue to enjoy the same service you do today.

Reference is made to Department of Planning, Industry and Environment's email dated 6 January 2020, requesting Transport requirements under Schedule 2 of the *Environmental Planning and Assessment Regulation 2000*.

Transport'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.

Transport has reviewed the Mount Pleasant Optimisation Project Scoping Report by Mach Energy, dated December 2019. It is understood that the proposal be to extract an additional 250 million tonnes of coal by extending the Mount Pleasant mine life from 2026 to 2048. The extraction would be a staged increase to 21 million tonnes per annum.

Transport for NSW response & requirements

Transport 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, and,

- Section 2 Traffic Impact Studies of Transport for NSW's *Guide to Traffic Generating Developments 2002*.

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:

- 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.
- The anticipated additional vehicular traffic generated from both the construction and operational stages of the project, including the additional work force required and any haulage impacts on the road network.
- 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, 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.
- Identify 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 Transport for NSW 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 Transport for NSW 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.

On determination of this matter, please forward a copy of the SEARs to Transport 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 read 'Peter Marler', with a stylized flourish at the end.

Peter Marler
Manager Land Use Assessment
Hunter Region