



12 July 2019

SF2013/181699; WST09/00078/10

The Manager  
Resource and Energy Assessments  
Department of Planning and Environment  
GPO Box 39  
SYDNEY NSW 2001

**Attention: Mr Jacob Ward**

Dear Mr Ward

**DA504-00 MOD 5: Lot 7302 DP 1146623 and others; Clarence Colliery Road, Clarence  
Proposed increase in workforce from 300 to 400 FTE**

Thank you for the email dated 28 June 2019 referring the above proposed modification as part Clarence Colliery to Roads and Maritime Services for comment.

From review of the submitted documentation in support of the proposal, it is noted that:

- The colliery operator seeks to increase its total regular onsite workforce from 300 existing Full-Time Equivalent (FTE) staff to 400 FTE. The shift times for underground mining operations will influence when peak traffic volumes occur locally. The additional 100 FTE would be distributed across all shifts generally as set out below:

Shift	Current shift times	Staff (existing → if approved)	Change in staff
Weekday day	07:00 to 15:00 or 06:00 to 16:00	100 → 123 FTE	+23 FTE
Weekday afternoon	14:00 to 00:00	56 → 71 FTE	+15 FTE
Weekday night	22:00 to 08:00	57 → 76 FTE	+19 FTE
Weekend day	7:00 to 19:00 or 6:00 to 18:00	34 → 52 FTE	+18 FTE
Weekend night	19:00 to 07:00 or 18:00 to 06:00	26 → 51 FTE	+25 FTE

**Roads and Maritime Services**

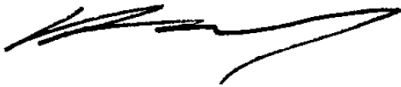
- The Traffic Impact Assessment (TIA) accompanying the proposal (EMM, June 2019) estimated Annual Average Daily Traffic (AADT) on Chifley Road (including heavy vehicle trips pending approval under DA504-00 MOD 4) in the order of 3,701 vehicles at a point to the east of Clarence Colliery Road and 4,054 vehicles at a point to the west.
- The TIA assumed that each new FTE position would equate to one additional return journey to and from the worksite (2 movements) each day. Using traffic count data, the TIA distributed new trips 82% to and from the west of site, and 18% to and from the east.
- The TIA determined through SIDRA modelling that all movements at the intersection would experience Level of Service 'A' following the staff increase.
- Noteworthy is the site access road (Clarence Colliery Road) intersects with Chifley Road, a classified State road (MR516). This intersection is currently being upgraded by Roads and Maritime with planned completion in 2020.

Based on the above information, Roads and Maritime does not object to the proposal. However reserves the right to review actual traffic generation resulting from the modification in the future and a subsequent development application may be required if the land use deviates significantly from that approved under this proposal.

It would be appreciated if a copy of the determination for this project could be forwarded to Roads and Maritime at the same time it is sent to the applicant.

Should you require further information, please contact Bevan Crofts, Land Use Assessment Officer on (02) 6861 1449.

Yours faithfully



Dane Hendry  
Senior Manager, Regional Customer Services  
Western Region