

Our Reference: ED:MH:1783322  
Your Reference: DocID: 1783322  
Contact Name: Daniel Boyce

Mr. Philip Nevill  
Department of Planning, Industry & Environment  
Locked Bag 5022,  
Parramatta NSW 2124.

\*Lodged online via NSW Planning Portal Major Projects Site

Thursday 4 June 2020

**Re: SSD 11\_0047 Tarrawonga Coal Mine – Modification 7 Life of Mine**

Dear Mr Nevill,

Thank you for the opportunity to provide input into the assessment of the abovementioned modification application. Narrabri Shire Council (**Council**) has reviewed the documentation provided with the modification application and provides the following comments.

**1. Water Supply Pipeline**


The application proposes to construct and operate a water supply pipeline from the Tarrawonga Coal Mine and the proposed Vickery Extension Project. The details provided on the proposed pipeline are very limited and the plans of the proposed location pipeline are at such a small scale that it cannot be determined with any accuracy as to where the pipeline will be sited. It is also unclear from the referenced plan (1-4) as to the actual extent of the pipeline being sought for approval as the legend items do not match those shown on the plan.

In order to be able to determine the impacts of the pipeline, the following additional information is required to be provided:

- (a) An alignment plan of the proposed pipeline clearly showing the location and extent of the proposed pipeline. The alignment plan should be provided in the context of cadastral boundaries.
- (b) Details of the proposed pipeline itself. Including diameter, materials, construction methods. Ideally a cross section would be provided to illustrate its size, height above ground and typical footing to be used.
- (c) Details and plans are to provided for the proposed methods of crossing the public roads and any other works required within Council's road reserves.
- (d) A further opportunity is requested to review the additional documentation outlined above and to provide further comments, in particular to enable Council to assess the impacts on its land ownership and assets.



  
Narrabri Shire Council  
45 - 48 Maitland Street  
PO Box 251, Narrabri NSW 2390

  
P. (02) 6799 6866  
F. (02) 6799 6888

  
E. [council@narrabri.nsw.gov.au](mailto:council@narrabri.nsw.gov.au)  
[www.narrabri.nsw.gov.au](http://www.narrabri.nsw.gov.au)

## 2. Traffic Impacts

- (a) The Traffic Assessment provided with the application states that existing roads have a posted speed limit of 80km/h. The public Roads in the area of the application (including Goonbri Road) have a posted speed limit of 100km/h. Assessment considerations need to be revised to incorporate this speed limit.
- (b) The modification is proposing to provide a new access to the Tarrawonga Mine. This is located approximately 1.4km to the east of the existing site access and requires vehicles to now traverse a 1.4km section of Goonbri Road. The application proposes an upgrade of this portion of Goonbri Road between the existing private haul road and the proposed new access road. The only details provided of the upgrade works is:

*...upgraded and sealed to a standard consistent with the requirements of the Guide to Road Design Part 3: Geometric Design (Austroads, 2016). Works would be undertaken in consultation with the NSC.*

Further details of the proposed road upgrade works, including concept plans, are to be provided in order to enable an understanding of the extent of works required and to consider the impacts of the upgrade works. These details and considerations are not appropriate to be left to any future section 138 application.

- (c) The application proposes to construct a new private access road off Goonbri Road, approximately 1.4km to the east of the intersection with the private haul road. It is proposed that the intersection would be constructed to a BAL treatment for the left hand turn from Goonbri Road into the site. No treatment is proposed for the right hand turn into the site. Further information is required to be submitted in relation to this proposed intersection, including:
  - (i) Demonstration that the proposed intersection can achieve the Safe Intersection Sight Distances required by Section 3.2.2 of Austroads *Guide to Road Design Part 4A: Unsignalised and Signalised Intersections*.
  - (ii) A concept design for the proposed property access road is to be provided. The design is to be in accordance with Section 7.2 of Austroads *Guide to Road Design Part 4: Intersections and Crossings – General*. The design is to demonstrate that:
    - (A) It accommodates the largest vehicle required to access the site (including provide of swept path drawings),
    - (B) It caters for the largest vehicle turning left into the site without crossing the centre line of Goonbri Road,
    - (C) The access driveway leg of the intersection is to provide a minimum storage length of 22m, measured from the edge of the road back into the property and clear of any access gates,
    - (D) Includes a BAL treatment, and
    - (E) Is generally consistent with Figure 7.4, except as required above.

A further opportunity is requested to review the additional documentation outlined above and to provide further comments, in particular to enable Council to assess the impacts on its land ownership and assets.

- (d) The application proposes to alter the haul route, with vehicles turning right onto Goonbri Road instead of travelling straight through the intersection. Further information is required to be submitted to determine whether any upgrade

works are required to this intersection in order to cater for the proposed turning movements associated with the modification. In particular it needs to be demonstrated that:

- (i) The intersection accommodates the largest vehicle required to access the site (including provide of swept path drawings),
- (ii) The intersection caters for the largest vehicle turning left from Goonbri Road without crossing the centre line of the haul road,

Should works be required to the intersection to accommodate the above requirements, concept plans are to be provided in order to enable an understanding of the extent of works required and to consider the impacts of the upgrade works. These details and considerations are not appropriate to be left to any future section 138 application.

A further opportunity is requested to review the additional documentation outlined above and to provide further comments, in particular to enable Council to assess the impacts on its land ownership and assets.

- (e) It is requested that the Road Maintenance Agreement with Council be updated to reflect the additional public roads included in the haul route.

If you have any questions relating to this submission, please contact Daniel Boyce on (02) 6799 6866.

Kind Regards,

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

**Daniel Boyce**

Executive Manager Planning and Environment