



6/04/2022

SF2011/002339 | WST11/0046/22

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

Attention: Jack Turner

Dear Mr Turner

**SSD-24319456: Lot 664 DP 761702 and others; 353 Burthong Road, Nymagee
Federation Project: 750ktpa underground gold and metalliferous mine**

Thank you for the above referral via the NSW Major Projects Portal inviting comment from Transport for NSW as a part of the EIS Assessment for SSD-24319456.

TfNSW has reviewed the submitted documentation and it is understood that the development is for the Federation Project, consisting of:

- The establishment and operation of underground gold and metalliferous mining activities, with supporting surface infrastructure, mining approximately 6.95 Mt of ore over a period of 12 to 14 years.
- Amendments at Hera Mine to facilitate mining and processing of Federation ore, with works including a new process plant, disposal of tailings in the approved Hera Mine TSF and a new solar farm.
- Processing of ore at a maximum rate of 750 ktpa at a new process plant at Hera Mine (to be constructed within existing disturbance footprints)
- Tailings will be either placed into the approved TSF at Hera Mine or returned to Federation Site for placement underground as paste backfill.
- Services Corridor between the Federation Site and Hera Mine, including powerline, water pipeline, access track and a potential tailings pipeline.

TfNSW has reviewed the documentation submitted with the application and requests additional advice be received to address the following matters to continue the assessment of the application:

- Confirmation of the design vehicle proposed for the development including concentrate haulage and delivery haulage.

- An assessment of the need for improvements to the classified road network, and the improvements proposed such as road widening and intersection treatments, to cater for and mitigate the development traffic. The following intersections are to be specifically included:
 - Barrier Highway and the Rail Siding Access.
 - Barrier Highway and the Hermidale Nymagee Road.
 - Burthong Road and Priority Tank Road.
 - Kidman Way and Priory Tank Road.
 - Nyngan Street and Hermidale Nymagee Road

The assessment is to include:

- provision of swept path analysis demonstrating the largest design vehicle moving in each direction through intersections along the proposed transport route/s including assessment of the ability vehicles travelling in opposing directions to navigate the intersections without conflict.
- assessments of turn treatment warrants in accordance with the Austroads Guide to Traffic Management Part 6 and Austroads Guide to Road Design Part 4A for intersections along the identified transport route/s including confirmation of the traffic volumes used in each of the assessments of turn treatment warrants in accordance with the Austroads Guide to Traffic Management Part 6 and Austroads Guide to Road Design Part 4A for intersections along the identified transport route/s.

Please confirm with TfNSW that the application will not be determined until TfNSW has had an opportunity to undertake a thorough assessment of the proposed development, following provision of the above-mentioned additional information. If you have any queries or wish to discuss this matter further, please contact the undersigned on (02) 6861 1540.

Yours faithfully



Howard Orr
Team Leader
Development Services West
Regional and Outer Metropolitan