



WST09/00121/06

Ms Gwen Wilson
Group Manager – Safety Health Environment Community
Broken Hill Operations Pty Ltd
130 Eyre Street
BROKEN HILL NSW 2880

Dear Ms Wilson

MP07_0018: Pre DA Enquiry; Proposed extension to Rasp Mine; 130 Eyre Street, Broken Hill

Thank you for your email on 2 September 2014 forwarding a preliminary paper to Roads and Maritime Services for a proposal by Broken Hill Operations Pty Ltd (BHOP) to extend its underground mining activities at Rasp Mine, Broken Hill. Reference is also made to an on-site meeting attended by Vlisko Sulicich and Gwen Wilson for BHOP, and Andrew McIntyre for Roads and Maritime on 5 September 2014.

The proposal involves extending the current mining activities at Rasp Mine to include Block 7 Main Lode and the Zinc Lodes on Consolidated Mining Lease 7. These resources are located approximately 65 metres beneath and either side of the Silver City Highway (HW22), also known as South Street. The proposal does not involve changes to the approved extraction rates, transportation of materials off-site or the mine life.

It is understood that BHOP intends to lodge a modification to MP07_0018 with Department of Planning and Environment in the near future. I confirm that the following information will need to be included in the modification application to enable Roads and Maritime to undertake a comprehensive assessment of the proposal:

- A geotechnical engineering assessment of the proposed mining extension. The geotechnical engineering assessments shall assess and report the existing local geotechnical environment and South Street including the road formation, pavement and ancillary structures.
- A comprehensive risk assessment of the proposed mining extension including but not limited to the risks to South Street and the South Street road reserve by the proposed mining extension. In particular, the risk assessment shall detail the risks of subsidence and vibration. The risk assessment shall also detail measures to be employed to monitor potential risks and where required, detail mitigation and amelioration measures to be employed.
- Details of future decommissioning of the mining extension and management, including responsibilities for, ongoing risks.

- A traffic impact study prepared in accordance with the methodology set out in Section 2 of the *RTA's Guide to Traffic Generating Developments* and including:
 - Cumulative traffic volumes generated by existing mining operations and extension project construction works.
 - Hours and days of construction and operation and how proposed operations will interact with other road users.
 - Road transport volumes and types broken down into origin and destination, travel routes and peak hours for the construction, operation and decommissioning of the extension project. The traffic study shall also address any changes to internal traffic movements and parking facilities.
 - Any over-size and over-mass vehicles and loads expected for the construction, operation and decommissioning of the extension project.
 - The shortest and least trafficked routes having been given priority for the movement of construction materials and machinery to minimise the risk and impact to other motorists so far as is reasonably practicable.
 - Any mitigating measures required to address expected traffic generation.

Please note that this information is to assist you in preparing documentation in support of the modification application, and is not to be construed as Roads and Maritime's concurrence pursuant to Section 138 of the *Roads Act 1993* for the proposed mining activity beneath South Road. As discussed, should planning consent be granted for the proposed extension, a deed between BHOP, Broken Hill City Council and Roads and Maritime will need to be entered into to assign and confirm responsibilities and obligations for each party and to protect and maintain the structure, functionality and safety of South Road.

Roads and Maritime thanks you for the opportunity to meet and discuss the project and provide comments in the early planning stages. Roads and Maritime would welcome the opportunity to provide further comment on draft assessments and reports relating to the above matters as they become available.

Should you require further information please contact Andrew McIntyre on (02) 6861 1453.

Yours faithfully



Susie Mackay
Network & Safety Manager
Western

24/09/14