



OUT15/601

Mr Howard Reed  
Manager Mining  
Mining and Industry Projects  
Department of Planning and Infrastructure  
GPO Box 39  
SYDNEY NSW 2001

Attention: Elle Donnelly (elle.donnelly@planning.nsw.gov.au)

Dear Mr Reed

**Exhibition of Environmental Assessment  
Rasp Mine Modification (PA 07\_0018 Mod 3)  
Supplementary Conditions**

Further to a letter dated 19 December 2014 providing comments from the Department of Trade and Investment (DTIRIS), Division of Resources and Energy (DRE) regarding an application from Broken Hill Operations Pty Ltd (BHO) to modify its approval for the Rasp Mine, additional conditions relating to mine safety operation are provided below.

DRE Mine Safety Operations (MSO) has reviewed the "*Rasp Mine Environmental Assessment Modification 3 Mining Extension, Broken Hill Operations Pty Ltd*", dated November 2014 and discussed in detail geotechnical aspects of the western extension of the Rasp Mine with the mine management and operational managers. MSO considers that the proponent has adequately addressed risks to the proposed mine extension.

From a mine safety perspective the risks considered are:

1. Risk of subsidence or surface impact;
2. Safety or Infrastructure risk to the adjoining Perilya mine and;
3. Damage or nuisance to residents /structures from blasting vibrations.

Subject to the approval of development consent for this proposal, DRE recommends that the following additional conditions be incorporated in any development consent that may be granted:

**Safety or Infrastructure Risk to the adjoining Perilya Mine**

The proponent must take appropriate actions to prevent the risk of damage or injury occurring at the adjoining Perilya Mine as a result of mining activities occurring within Block 7 of Consolidated Mining Lease 7 (CML7). The actions are to:

- a) be based on Risk Assessment;
- b) include consultation with Perilya Mine management and;
- c) be maintained during any period that the Proponent or Perilya believes such a risk is extant.

**Risk of the underground workings failing to the extent that the surface is impacted.**

The proponent must take appropriate actions to prevent the risk of damage to Public Infrastructure occurring as a result of Mining Activities occurring within Block 7 of CML7. The actions must include:

- a) ongoing Risk Assessment;
- b) compliance with the recommendations of the Barnson Pty Ltd and Ground Control Engineering reports and;
- c) development of a Void Management Plan that will in so far as is reasonably practicable:
  - 1. preclude the ability for underground failure to reach the surface by minimisation of available voids;
  - 2. include monitoring devices that will provide a warning of propagating failures and;
  - 3. include a Trigger and Action Response Plan (TARP) to respond quickly to any problems as they may develop.

**Damage or nuisance to residents /structures from blasting vibrations**

This risk was addressed in reports from specialist consultants' Prism Mining Pty Ltd and Barnson Pty Ltd. Barnson addressed infrastructure and Prism provided the manner in which vibration at sensitive locations could meet the EPA licence constraint that blasting should not exceed recommended levels.

Should you have any enquires regarding this matter please contact Steve Cozens, Senior Project Officer, Industry Coordination on 9842 8573.

Yours sincerely

  
**ADRIAN DELANY**  
**A/DIRECTOR INDUSTRY COORDINATION**

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