

27 July 2020.

REF: 1163_EGOVR:CK

via email.

Department of Planning, Industry and Environment
Resource Assessments
320 Pitt Street
SYDNEY 2000

Attn: Mr. Matthew Sprott. Director Resource Assessments

RE: Ground Vibration Criteria for All Other Public Infrastructure Sch 2. Cond B7 Table 2- Blasting Criteria.

Dear Matthew,

Bloomfield Collieries Pty Limited received approval of the Rix's Creek South Continuation of Mining Project SSD 6300 on 12 October 2019.

In accordance with Schedule 2, Condition B7 Table 2, of SSD 6300, Bloomfield Collieries requests consideration by the Secretary to increase the blasting criteria ground vibration limit for "All other public infrastructure" from 50mm/s to 100 mm/s, specifically for the cut and cover tunnel at Rix's Creek South.

A detailed structural design was prepared by Sinclair Knight Mertz (SKM) in 2010 which designed the cut and cover tunnel to withstand a blast vibration of 150 mm/s to 200 mm/s. A copy of this report is attached as justification for the request.

While the cut and cover tunnel design may provide allowance up to 150mm/s to 200 mm/s Rix's Creek Mine would only require an increase to 100mm/sec which would align to the blasting criteria for public roads also listed in Table 2.

Can you please confirm the Secretary's consideration to increase the vibration criteria limit of the cut and cover tunnel in accordance with SSD 6300, Sch.2 Condition B7 Table 2.

If you require any further information please do not hesitate to contact this office.

Yours sincerely



Chris Knight
Environment Manager
The Bloomfield Group

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