



Mr David Koppers
Team Leader
Independent Planning Commission
Level 3, 201 Elizabeth Street
SYDNEY NSW 2000

Dear Mr Koppers

Sunrise Mine Modification 4 (DA 374-11-00 MOD 4)

I am writing in response to your letter of 31 October 2018 seeking clarification on the Sunrise Mine Mod 4 assessment. Your questions are addressed below:

Noise and blasting

1. The noise modelling indicates that in the absence of noise mitigation, intrusive noise levels at privately-owned residences could exceed the project-specific noise levels (PSNLs) by up to **7 dB(A)** under adverse meteorological conditions.
2. I can confirm that Table 8 of the Department's assessment report accurately reflects the approved noise levels for the two residences at Currajong Park. The approved noise criteria are shown below.

Table 1: Noise Criteria (dB(A)) - Mine

Location	Day	Evening	Night
	L _{aeq} (15 minute)	L _{aeq} (15 minute)	L _{aeq} (15 minute)
Currajong Park	35	39	40
All other privately-owned residences	35	35	35

Landowner agreements

3. Moderate or significant noise exceedances are only predicted under adverse meteorological conditions, and only in the absence of noise mitigation. The noise assessment indicates that noise levels can be reduced by up to 5 dB(A) by modifying mining operations during these meteorological conditions.

With the proposed operational controls, noise is predicted to be 1 to 2 dB(A) above PSNLs (instead of 7 dB(A) above PSNLs). These are the noise levels reflected in the recommended conditions. If approved, Clean TeQ would be required to comply with these noise limits at all residents, unless they have an agreement in place to generate higher noise levels.

Although Clean TeQ has indicated it may seek agreements with neighbours to generate higher noise levels, the Department has not received confirmation of these agreements.

The Department notes that any such agreement would be a commercial matter between the neighbour and the company, and not a requirement under the *Voluntary Land Acquisition and Mitigation Policy* (VLAMP). The VLAMP requires the consent authority to apply mitigation or

voluntary land acquisition rights where noise levels, *with the adoption of all reasonable and feasible avoidance and/or mitigation measures*, are predicted to be ≥ 3 dB(A) above the PSNLs and ≥ 5 dB(A) above the PSNLs respectively.

Draft conditions of consent

4. The Department carefully considered Lachlan Shire Council's comments on the draft conditions of consent and amended the draft conditions where relevant.

The Department also consulted directly with Council representatives about their comments on the draft conditions.

Yours sincerely

 2/11/18

Clay Preshaw

Director

Resource and Energy Assessments