

Attention: Ms Sung Pak  
A/Senior Case Manager - Regions  
Local & Regional Planning | Planning & Assessment  
Department of Planning, Industry and Environment  
[sung.pak@planning.nsw.gov.au](mailto:sung.pak@planning.nsw.gov.au)

Attention: Ms Tamai Davidson  
Email: [t.davidson@tenterfield.nsw.gov.au](mailto:t.davidson@tenterfield.nsw.gov.au)

Dear Ms Sung Pak

### **Independent Review of Human Health Risk Assessment Dowe's Quarry, Tenterfield**

Thank you for seeking HNE Health's review of the Independent Review Of Human Health Risk Assessment Dowe's Quarry, Tenterfield by Todoroski Air Sciences.

The Quarry is located approximately 8 km north-east of Tenterfield in NSW with a number of residents within a km of the Quarry. It has been operating at its current location since 1987. The Quarry has approval to extract up to 150 000 tonnes per annum (tpa) of quartzose material, disturb a total area of 6.7 hectares (ha) and store a range of fine materials generated. The Applicant's processing Sunnyside Crushing and Screening Plant, located approximately 10 kilometres (km) northwest of Tenterfield.

The Project involves the proposed continued operations and expansion of extraction activities within the quarry. This includes ongoing extraction within the existing extraction area and additional 4.4ha of area, an increase in production to 230,000tpa.

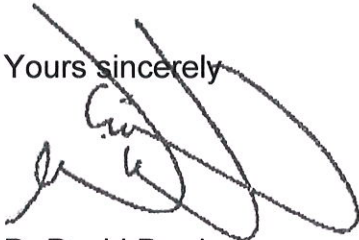
It is noted from a human health risk perspective, the Independent Review of Human Health Risk Assessment reaches the same conclusion as the initial HHRA report by Enriska. The standard for community protection of 3 µg/m<sup>3</sup> is appropriate but Health cannot comment on the modelling methods use, this would be a matter for NSW EPAs Air Science group review.

The assessment and review of recommendations in relation to worker health fall within the purview of Safe Work NSW rather than NSW Health.

The independent review aligns with HNE Health prior advice that the proposed development does not represent an unacceptable risk to the community, however, it is important that all recommended dust control measures be implemented and the community be actively engaged in ongoing monitoring and review of emissions from the quarry.

If you require any further information please feel free to contact Mr Glenn Pearce, Senior Environmental Health Officer on (02) 67648014.

Yours sincerely

A handwritten signature in black ink, appearing to read 'David Durrheim', is written over the 'Yours sincerely' text.

Dr David Durrheim  
Director - Health Protection  
Hunter New England Population Health