



Mr Chris Lauritzen  
General Manager – Resource Development  
MACH Energy Australia Pty Ltd  
GPO Box 94  
Brisbane QLD 4001

Dear Mr  Lauritzen

**Mount Pleasant Coal Project (DA 92/97 MOD 4)  
Request for additional noise and air quality information**

As you are aware, the Department has recently completed its assessment of the proposed Modification 3 to the Mount Pleasant coal mine (DA 92/97 MOD 3) and referred this proposal to the Independent Planning Commission for determination.

The Department's assessment of MOD 3 recommended the application of contemporary air quality assessment standards and included revised acquisition and mitigation lists in the recommended conditions, to reflect revised receiver numbering presented in the MOD 3 EA. This assessment identified that Receivers 20 and 21, to the east of the Mount Pleasant mine, would exceed the cumulative annual average PM<sub>10</sub> air quality standard of 25 µg/m<sup>3</sup> and therefore recommended their inclusion in the acquisition list for Mount Pleasant.

The Department is currently awaiting a response to submissions for the proposed Mount Pleasant Rail Modification (DA 92/97 MOD 4) and is also awaiting further information to complete its assessment of a separate modification proposal for the Bengalla mine (SSD 5170 MOD 4). The Department considers this to be an appropriate opportunity to review the proportionate and cumulative impacts of both operations on sensitive receivers in the Muswellbrook area.

Consequently, the Department requests that MACH Energy works with Bengalla Mining Company to undertake a coordinated assessment of the proportionate air quality impacts of the two mining operations on surrounding and nearby receiver locations. This assessment should include focused consideration of key sensitive receivers and be completed in line with the contemporary air quality standards identified in the EPA's *Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales (2016)*. If the proportionality of impacts varies over the anticipated life of the two mines, this should also be identified.

The Department also requests that MACH Energy provide a further detailed analysis of the noise impacts associated with the rail modification (MOD 4), including the noise impacts associated with the proposed extension of mine life (MOD 3). This analysis should identify any changes in the noise impact profile of the currently approved Mount Pleasant mine, including appropriately scaled isopleths to determine potential implications for landowner rights for receivers to the east and northeast of the mine.

If you have any questions about this letter, please contact Tertius Greyling on 9274 6402.

Yours sincerely,



Howard Reed  
**Director**  
**Resource Assessments**

19.6.18