

29 April 2014

Mining and Industry Projects  
NSW Department of Planning & Infrastructure  
GPO Box 39  
Sydney NSW 2001

Dear Sir/Madam

**re: Coalpac Mine Extensions - Development Applications  
07\_0127 MOD 4 and DA 200-5-2003 MOD 2**

I am writing in regard to the development applications currently on public exhibition for the extension of the respective mining areas of the Invincible Colliery and Cullen Valley Mine, both owned by Coalpac Pty Ltd located on Castlereagh Highway, Cullen Bullen, NSW 2790. Officers from the Public Health Unit have reviewed the documents available on your website with regard to the development proposal and provide the following comments for your consideration.

These comments are contingent upon the measurements and modelling fulfilling the requirements of the approved methods and policies.

**Air quality issues due to mining activities**

The health effects of particulate matter are well established. Any increase in exposure is associated with some increase in health risk. I note that proposed project is expected to cause a small increase in particulate matter concentration at a number of sensitive receptors. To minimise any potential health impacts it is recommended that, should the project be approved, the proponent is required to do all that is reasonable and feasible to minimise particulate matter emissions.

I note that exceedences of the DECCW 24hr PM<sub>10</sub> assessment criterion are predicted for three mine-owned residences. If there is any expectation that these residences will be occupied, it is recommended that additional consideration is given to reactive dust management systems that could reduce the probability of such exceedences. Should the residences be

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occupied, occupants should be informed of the lack of compliance with environmental criteria and provided with information about personal measures that can be taken to minimise exposure.

### **Noise and vibration**

There is increasing evidence that exposure to noise is associated with health effects. I note that the EIS predicts noise impacts above the Industrial Noise Policy's intrusive criteria for a number of residences. However, there is no description of noise mitigation measures. We recommend that a noise management plan be required prior to any approval to ensure there are minimal impacts on the local community from noise.

If Planning Officers wish to discuss any of the above comments further, please contact James Plant, Environmental Health Officer, Nepean Blue Mountains Public Health Unit, on (02) 4734 2022.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Kay Hyman', written in a cursive style.

Kay Hyman  
**Chief Executive**  
**Nepean Blue Mountains Local Health District**