



22 May 2014

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

Dear Sir/Madam

**Re: Centennial Coal- Development Applications SSD 5594 and SSD 5602**

I am writing in regard to the development applications currently on public exhibition for the Springvale Mine Extension Project and Angus Place Mine Extension, both owned by Centennial Springvale Pty Ltd and Springvale SK Kores Pty. Ltd. located in Lithgow Local Government Area, NSW. 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 confirmation by the EPA that the measurements and modelling fulfil the requirements of the *approved methods*.

**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. Although the proposed project is predicted to comply with both the annual and 24hr average assessment criteria, it 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 implement all reasonable and feasible measures to minimise particulate matter emissions. Such measures might include reactive dust management systems.

I note that the modelling that has been conducted includes only external sites that are operational or have been approved and will be operational in the near future when considering cumulative dust and particulate matter. The modelling does not include proposed developments, such as Neubeck, Cullen Valley and Invincible Mines which may become operational during the lifespan and Springvale and Angus Place Mines. The cumulative effect of all the developments which are in close proximity to each other may result in air quality exceedences for sensitive receivers.

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**Noise and vibration**

There is increasing evidence that exposure to noise is associated with health effects. We recommend that the noise mitigation strategies listed in the application become part of the conditions of 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', with a long horizontal flourish extending to the right.

Kay Hyman  
**Chief Executive**