

28 April 2020

Gen Lucas
Major Planning Projects
Planning NSW

Dear Gen Lucas

Angus Place Extension Project (SSD-5602): Comments from Nepean Blue Mountains Local Health District for Public Consultations PAE-2354

Thank you for providing the opportunity for comment on the proposed State Significant Development for Angus Place mine extension.

The following comments apply to SSD-5602:

Air quality in the Lithgow Local Government Area is impacted by the existing mine development, as well as seasonal bushfires, hazard reduction burning, and road transport. Management of the mine extension should ensure that dust emissions levels do not contribute to the burden of health in the area from the release of offsite PM10 and PM2.5 from mining, transport and storage/spoilage on site.

Appendix C Air Quality Management and Mitigation Measures

Appendix C does not identify material storage or heaps as potential sources of dust requiring wet suppression or control. Onsite storage should be controlled to prevent increasing PM10 and PM2.5 levels over current levels, via industry standard methods such as covering or water suppression.

Appendix E Surface Water Impact Assessment

As of 2020 water disposal from mining activity is identified as being processed through the Springvale Water Treatment Project.

Sewage and grey water should be connected in keeping with the design and infrastructure capabilities of Lithgow City Council's Sewage infrastructure so as not to present a risk to public health.

Dewatering facilities which allow future runoff of excess water to water sources that may serve town water supplies should not exceed limits set out within Angus Place's EPL to ensure that ADWG guidelines are maintained.

Monitoring of adjacent water sources that may be affected by mine activities should be carried out to ensure that water within the catchment remains suitable for treatment within to provide potable water to the City of Lithgow LGA, and is within EPL limits.

Appendix H Subsurface Water

The proposal indicates that from 2020 all water from mine dewatering shall pass via the Springvale Water Treatment Project until 2053. Assessment as to any impacts on water contamination once the mine proposal is completed should form part of the mine closure proposal and ensure that mine remnants and closures do not provide an ongoing risk to public health from any contaminated water leaving the mine site.

Appendix K Air Quality Impact

Air quality emissions from the Angus Place mine extension diameters should be monitored in accordance with EPA requirements for particulate matter of PM10 and PM2.5 to ensure that background levels remain at or below Air Quality targets for human health as set in NEPM "National Environment Protection (Ambient Air Quality) Measure".

Appendix L Noise Impact Assessment

Sleep disturbance from night time noise, both from elevated background noise and from single LAMax events can affect health, and it is recommended that activities on site occurring at night do not result in a noise level increase of greater than 5dB(A) at the boundary of nearby residential premises as an LAeq . It is also advised that single point noises are planned to occur during the day, to prevent sleep disturbance and adverse health effects.

Should you have any queries regarding the comments in this letter, please contact James Plant, Manager Environmental Health on 02 4734 2022

Yours sincerely



A/Prof Bradley Forssman
Director Public Health
Nepean Blue Mountains Local Health District