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Department of Planning and Environment  
GPO Box 39  
SYDNEY NSW 2001

Attention: Anthony Barnes

By email: [anthony.barnes@planning.nsw.gov.au](mailto:anthony.barnes@planning.nsw.gov.au)

16 May 2019

Dear Mr Barnes

**Mandalong Southern Extension Project – Modification 8 (SSD 5144 MOD 8) – Recommended Condition of Consent from the Environment Protection Authority (EPA)**

I refer to your email to the Environment Protection Authority (EPA) received 30 April 2019, seeking comment on the application by Centennial Mandalong Pty Ltd to modify its development consent for the Mandalong Southern Extension Project (SSD 5144), located near Morisset in the Central Coast and Lake Macquarie local government areas.

The EPA understands that the modification application involves:

- increasing the number of full-time equivalent personnel at the Mandalong Mine Access Site (MMAS) across all weekday and weekend shifts at the mine, from the currently approved 470 to 815 (an increase of 345);
- upgrading the MMAS's existing electrical substation; and
- clearing vegetation to facilitate upgrading of the substation and expansion of existing car parking facilities.

Mandalong Mine is the subject of Environment Protection Licence 365 (the EPL). The EPL authorises the carrying out of the scheduled activities coal works and mining for coal at Mandalong Mine (the premises).

The EPA has reviewed the “*Mandalong Mine - Modification to SSD-5144 Statement of Environmental Effects*” prepared for Centennial Mandalong Pty Limited and dated April 2019 (the SEE) for the proposed modification and is satisfied that the EPL currently addresses relevant environmental pollution matters, with the exception of construction noise conditions and chemical storage, as discussed below.

As construction noise levels are predicted to be above current EPL limits, a licence variation will be required to include a condition regarding construction noise to ensure that all feasible and reasonable noise and vibration mitigation and management measures are implemented during construction work and works are done in accordance with the Interim Construction Noise Guideline (DECC, 2009).

The EPA recommends that if the modification is approved, the following conditions be included in conditions of approval:

### **Construction Hours of Work**

- The construction works permitted by this consent must comply with the following hours:
  - 7am to 6pm Monday to Friday
  - 8am to 1pm Saturdays; and
  - No construction works on Sundays or Public Holidays.

### **Construction Noise Mitigation**

- The proponent shall implement reasonable and feasible noise management measures, to minimise off site impacts. The measures used must achieve the noise management levels in the EPA's "*Interim Construction Noise Guidelines*" published by the Department of Environment and Climate Change in 2009 (as may be updated or replaced from time to time).

Predicted construction noise has been assessed against the Interim Construction Noise Guidelines. Construction noise levels are predicted to be below the noise management levels at all receivers during the 5-month construction period, except at receiver R3 during vegetation clearing (which has an expected duration of 2 days). Construction noise levels are predicted to be below the highly noise affected level at all receivers. The SEE identifies several noise mitigation measures that will be implemented to reduce construction noise levels including the notification of identified residential receiver (R3) which will be completed prior to commencement of vegetation clearing activities.

### **Water Quality**

- The development must comply with Section 120 of the *Protection of the Environment Operations Act 1997*. (POEO Act) which prohibits the pollution of waters
- Prior to the commencement of any construction or other surface disturbance the applicant must install and maintain suitable sediment and erosion controls onsite, in accordance with the relevant requirements of the *Managing Urban Stormwater: Soils and Construction – Volume 2A Installation of Services* (DECC 2008).

### **Chemicals including emerging chemicals**

- Chemicals, fuels and oils used on-site must be kept in appropriately bunded areas in accordance with the requirements of all relevant Australian Standards, and/or EPA's Storing and Handling of Liquids: Environment Protection- Participants Manual (Department of Environment and Climate change, 2007).

If you require any further information regarding this matter, please contact Genevieve Lorang on (02) 4908 6869.

Yours sincerely

**MITCHELL BENNETT**  
**Head Strategic Operations Unit- Hunter**  
**Environment Protection Authority**