

Our reference: EF13/4102; DOC16/424128-01  
Contact: Jason Price 02 6969 0700

The General Manager  
Broken Hill Operations Pty Ltd  
PO Box 1967  
NORTH SYDNEY NSW 2059

Attention: Gwen Wilson

Dear Mr Sulicich

**Re Variation of Environment Protection Licence No 12559**

I refer to your electronic mail dated 18 August 2016 to the Environment Protection Authority (EPA) requesting any additional information requirements for a modified development application seeking construction of a batching plant and an extension to the Blackwood Pit tailings storage facility at Broken Hill Operations Pty Ltd Rasp mine in Broken Hill.

Activities conducted at the Rasp mine are subject to regulation under Environment Protection Licence No 12559 and if approved the proposed modification will require a licence variation prior to the commencement of any construction works associated with the modification.

We have reviewed the information provided and confirm the key issues identified by the EPA for assessment are as follows.

- For the concrete batching plant –
  - a detailed description of the physical operation of the plant;
  - A Noise Impact Assessment identifying cumulative noise impacts associated with the mining operation; and
  - An Air Quality Impact Assessment identifying the cumulative dust impacts and proposed mitigation measures.
  
- For the extension of Blackwood Pit as a tailings storage facility –
  - a detailed geological impact assessment that defines any risks of failure of the TSF and any potential for pollution to surface waters or ground waters from the proposal; and
  - An Air Quality Impact Assessment identifying the potential impacts on air quality and proposed air monitoring and mitigation measures.

The assessments must be completed consistent with the EPA's guidelines identified in Attachment 'A'.

If you have any further enquiries about this matter please contact Jason Price by telephoning 02 6969 0700.

Yours sincerely

 7/9/16

**DARREN WALLETT**  
Head, Griffith Unit  
Environment Protection Authority

## ATTACHMENT 'A'

### ***Guidance Material***

#### **Air quality**

- Protection of the Environment Operations (Clean Air) Regulation 2010
- Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales (EPA, 2005)
- Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales (EPA, 2005)
- Assessment and Management of Odour from Stationery Sources in NSW (EPA, 2006)

#### **Noise and vibration**

- NSW Industrial Noise Policy (EPA, 2000)
- NSW Road Noise Policy (EPA, 2011)
- Assessing Vibration: a technical guideline (EPA, 2006)
- Technical Basis for Guidelines to Minimise Annoyance Due to Blasting Overpressure and Ground Vibration (ANZECC, 1990)
- Interim Construction Noise Guidelines (EPA, 2009)
- Rail Infrastructure Noise Guidelines (EPA, 2013)

#### **Water quality**

- National Water Quality Management Strategy: Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ, 2000)
- National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ, 2000)
- Using the ANZECC Guidelines and Water Quality Objectives in NSW (EPA, 2006)

#### **Groundwater**

- The NSW State Groundwater Policy Framework Document (DLWC, 1997)
- The NSW State Groundwater Quality Protection Policy (DLWC, 1998)
- The NSW State Groundwater Dependent Ecosystems Policy (DLWC, 2002)
- National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC, 1995)

### **Stormwater**

- Managing Urban Stormwater: Soils and Construction (Landcom, 2004)
- Managing Urban Stormwater: Treatment Techniques (Draft) (EPA, 1997)

### **Wastewater**

- Environmental Guidelines: Use of Effluent by Irrigation (EPA, 2004)
- Environmental Guidelines: Storage and Handling of liquids (EPA, 2007)

### **Waste**

- Waste Classification Guidelines (EPA, 2008)
- Environmental Guidelines: Use and Disposal of Biosolids Products (EPA, 1997)
- Environmental Guidelines: Composting and Related Organics Processing Facilities (EPA, 2004)
- Environmental Guidelines: Solid Waste Landfills (EPA, 1996)
- Storing and Handling Liquids: Environmental Protection (EPA, 2007)