



Mr Gary Bailey  
General Manager of Mining Development  
The Bloomfield Group  
PO Box 4  
EAST MAITLAND NSW 2323

Dear Mr Bailey

**Bloomfield Colliery Life of Mine Extension (MP 07\_0087 MOD 4)  
Modification 4**

The public exhibition of the Environmental Assessment (EA) for Modification 4 concluded on Friday 2 March 2018.

The Secretary requests that you prepare and submit a report detailing your responses to the issues raised in submissions, at your earliest convenience. The submissions can be viewed on the Department's website [www.majorprojects.planning.nsw.gov.au](http://www.majorprojects.planning.nsw.gov.au).

In addition, the Department has identified several areas where further assessment or additional information is required (see **Attachment A**).

Please note that the Department expects further submissions in relation to the proposal. The Department will make these submissions available to you as soon as possible.

If you wish to discuss this matter, please contact Jack Murphy on 8217 2016.

Yours sincerely,

Howard Reed  
Director  
Resource Assessments

5.3.18

## **Attachment A**

### **1. Groundwater Quality**

The Department notes that Groundwater pH is referred to as close to neutral in the EA. Please provide accurate pH values.

### **2. Air Quality**

The Department notes that air quality modelling conducted as part of the EA showed there is potential for cumulative 24-hour average PM10 levels to exceed the NSW EPA impact assessment criteria. Please elaborate on the routine day-to-day reactive and predictive systems at Bloomfield Colliery that would prevent exceedances occurring.

### **3. Final Landform**

The Department notes that in the event Abel Underground Mine remains in care and maintenance the final northern void will be "slightly larger". Please provide an estimate of the difference in size of the final northern void between scenario one and scenario two.