



# BENGALLA MINE

## COMMUNITY CONSULTATIVE COMMITTEE

### Minutes of Meeting No. 123

**Location:** Bengalla Boardroom  
**Date:** Wednesday 22 August 2018  
**Present:**

<b>Name</b>	<b>Affiliation</b>
Malcolm Ogg	Chairperson
Dennis Burton	CCC member
Jonathan Moore	CCC member
Llewellyn Bates	CCC member
Noel Downs	CCC member
Clr Michelle Green	CCC member
Cam Halfpenny	Bengalla Mining Company (Chief Executive Officer)
John Campbell	Bengalla Mining Company (Technical Services Manager)
Craig White	Bengalla Mining Company (Environment and Approvals Superintendent)
Laurel McGinnity	Bengalla Mining Company (Environmental Advisor)
Peter Madden	Bengalla Mining Company (Environmental Advisor)
Debbie Day	Bengalla Mining Company (Community Relations Specialist)

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**Meeting opened: 3.00pm**

**1. APOLOGIES:**

Nil

**2. MINUTES OF PREVIOUS MEETING**

Moved

**3. SAFETY SHARE**

Cam Halfpenny spoke about the fatal motor vehicle accident that occurred at the intersection of Bengalla Road and Wybong Road on 18 August 2018. This incident highlighted the need to review the safety of that intersection and others surrounding the mine.

Cam Halfpenny advised he would engage with Muswellbrook Council to see if there is anything that Bengalla mine can do to assist with improving the safety at the intersections.

**4. OTHER BUSINESS ARISING FROM THE MINUTES/ACTION LIST**

**Action 1 & 2** – Complete.

**Action 3 & 4** – A predictive forecast report was presented to the meeting. Jonathan Moore asked whether, when assessing environmental conditions prior to blasting, whether heavy dust conditions within the pit are also taken into consideration. John Campbell advised that the conditions are assessed using the predictive forecast and the blast sleep time. He advised that a risk assessment is prepared for every blast showing wind direction, wind speed, blast area and how long the shot has been sleeping and an assessment on whether to blast is made following that information.

A real time monitoring summary was presented to the meeting showing operational suspension due to dust.

Craig White provided a presentation on current initiatives that Bengalla is taking to control dust.

**Action 5** – Complete.

**Action 6** – Complete.

**Action 7** - Provision of Hunter River water to our near neighbours – Jonathan Moore and Llewellyn Bates expressed gratitude for Bengalla organising delivery of water to their properties.

## 5. **DECLARATION OF PECUNIARY INTEREST**

Delivery of water to CCC members was noted as a pecuniary interest. Jonathan Moore and Llewellyn Bates updated their Declaration of Pecuniary Interest. Clr Michelle Green also provided a Declaration of Pecuniary interest.

## 6. **CORRESPONDENCE**

Nil.

## 7. **REPORTS FROM CCC COMMUNITY REPRESENTATIVES**

Report from Jonathan Moore:

- Community concern regarding 60km speed limit on either side of the Bengalla entrance. On weekends there is no work happening but the speed restrictions are still in place.
- How is Bengalla managing their water during the drought. Craig White advised that Bengalla has high security water available to it. The water year is the financial year. As Glenbawn Dam is currently 65% capacity, the Office of Water has advised that everyone below the dam has full allocation for the 2018/19 water year. Bengalla uses its water allocation sparingly.
- The community notes that there is no irrigation happening on the dairy land. Does the dairy have water restrictions? Cam Halfpenny confirmed that Bengalla has 5 gigitalitres of water, 1.5gl which is used by Bengalla and the remaining 3.5 gigitalitres is allocated to the lessee of the dairy. Therefore, the dairy does not have water restrictions.

Report from Llewellyn Bates:

- Llewellyn interested in the progress of the new dam. John Campbell advised that awaiting approval for modification and provided update on whole project including additional dam to be constructed on Bengalla's southern end wall. Once modification approved there is approx. 3 months' work remaining. John advised that Bengalla will soon commence underboring underneath Bengalla Road and the railway line to enable access to the dam.
- Dust on Wyong Road. Cam Halfpenny confirmed that Bengalla will continue to work to reduce the impact of dust

Cam Halfpenny provided an update on the sale of the Wesfarmers shares in Bengalla to New Hope Group noting that the offer is in a 120 pre-emptive rights phase. Cam will update the CCC following that period.

## 8. MONITORING RESULTS

Environmental monitoring review for period May to July 2018 was presented by Laurel McGinnity.

- Air Quality
  - During May and July 2018 elevated 24-hour average PM<sub>10</sub> results were recorded at:
    - PM4 – 25 May 2018 (59 µg/m<sup>3</sup>); and
    - PM1 –24 July 2018 (71 µg/m<sup>3</sup>).

No elevated 24-hour average PM<sub>10</sub> results were recorded in June. During the reporting period, the PM<sub>10</sub> annual rolling averages at PM1 and PM4 trended above the long-term criterion. This is as predicted in the Bengalla Continuation of Mining Project Environmental Impact Statement.

It was noted that the Bengalla and Mt Pleasant infrastructure contribution at PM1 on 24 July was 19 ug/m<sup>3</sup>. Bengalla provided the percentage of day shift that equipment was not operating on 24 July.

On 25 May 2018 at PM4 the Bengalla and Mt Pleasant infrastructure contributed 29 ug/m<sup>3</sup> to the PM4 monitor. The percentage of down time for equipment on that day was also provided.

All exceedances were reported to the Department of Planning & Environment

- Clr Michelle Green queried why Bengalla was only showing percentage of day shift not operating and did Bengalla shut down equipment during the night. Craig White advised that the shifts work from 7 to 7. To obtain the information for night shift information needs to be sourced from three shifts which Bengalla is currently working on an improvement initiative to see how that process can be made more seamless as it is currently a lengthy manual process. Bengalla believes it will have access to the 24 hour period data by the next CCC meeting.
- During the reporting period, the HV6 annual rolling average has continued to trend above the long-term TSP criterion. This is as predicted in the Bengalla Continuation of Mining Project Environmental Impact Statement.
- During the reporting period the D20 annual rolling average has continued to trend above the annual total deposited dust criterion.
- Noise Management:
  - For the reporting period, Bengalla complied with all noise criteria application at all monitoring locations.
- Blast Monitoring:

During the reporting period, no recorded blasts at compliance monitors exceeding 10mm/s ground vibration and 120dB(L) overpressure and less than 5 percent of blasts between 115dB(L) and 120dB(L) and between 5mm/s and 10mm/s.

- Water Usage:
  - Rainfall received during the reporting period was below the long-term average trend.
- Progressive Rehabilitation:
  - In 2018 Bengalla is targeting 16 ha of rehabilitation and has commenced dumping onto rehabilitation area.
  - Craig White advised that under the Environmental Impact Statement, Bengalla committed to Muswellbrook Shire Council to relieve the appearance of the eastern overburden emplacement area (EOEA). Modification 2 allows the construction of two knolls on the top of the EOEA with one knoll being 30 metres above the approved RL270 and the other 20 metres above. Work has commenced on construction of the 20-metre knoll.
  - It was noted that the 'end wall dam' has been turned into a 'sediment dam' and it will be sized to take catchment from a sediment water perspective which will remain for life of mine. All mine water from the open cut is now diverting to the west.
  - Cam Halfpenny advised that in March 2018, Bengalla had a visit from Mayor Rush, the EPA and Department of Planning to discuss microrelief on part of our rehabilitated land. A plan has now been put together and signed off by Council. The Mining Operations Plan requires approval by the regulator prior to this work being undertaken.
- Complaints:
  - During the reporting period 12 complaints were received with most complaints in relation to air quality.
- Environmental incidents:
  - During the reporting period Bengalla had four environmental incidents as outlined in the presentation. Craig White expanded on the groundwater seepage with the results of testing to determine the source due shortly. An update will be provided at the next CCC meeting.

## 9. CCC NEWSLETTER ARTICLES

- The August 2018 newsletter was approved by the Committee.
- Suggested articles for the August newsletter:
  - Controlled burn at off-set properties/acquisition of fire truck;
  - Water delivery to near neighbours/Bengalla drought initiatives.

Noel Downs asked whether Bengalla had considered doing cultural burns on the off-set properties. Noel to provide contacts.

Cam Halfpenny advised the meeting that Debbie Day had tendered her resignation and was retiring on 21 September.

The committee offered their thanks and appreciation for Debbie's support during her time at Bengalla.

**Next meeting to be held on Wednesday 28 November 2018 to be held at Bengalla Homestead.**

Meeting closed at 5:05pm

**Attachments:**

- Meeting Presentation slides

**ACTION LIST**

**Meeting No. 123 – Wednesday 22 August 2018**

<b>ITEM NO.</b>	<b>ITEM</b>	<b>ACTIONED BY</b>
1	Engage with Muswellbrook Council to see if there is anything that Bengalla mine can do to assist with improving the safety at the intersections surrounding Bengalla mine.	C Halfpenny
3	Update CCC on groundwater seepage at next meeting	C White
4	Organise dragline visit for Jonathan Moore and Llewellyn Bates	D Day