

**Minutes of the 28<sup>th</sup> Meeting of the  
Sunnyside Coal Mine Community Consultative Committee**

**Meeting Held:** Wednesday 13th February 2019, 15:30pm

**Venue:** The meeting was held at Namoi Valley Brickworks

**1. Present and Apologies**

**Present:** Michael Broekman (MB) (Chairperson)  
Craig Sullivan (CS) (Operations Superintendent/MEM- Whitehaven)  
Andrew Raal (AR) (Environmental Officer- Whitehaven)  
Ron Fuller Ron Fuller (RF) Community Representative  
Liz Ferguson (LF) (Community Representative)

**Apologies:** Tim Muldoon (TM) (Manager Community Relations - Whitehaven)  
Colleen Fuller Colleen Fuller (CF) (Gunnedah Shire Council Rep)  
Andrew Johns (AJ) (Gunnedah Shire Council)

**2. Previous Minutes**

Minutes of the previous meeting were adopted as a true record on the motion and confirmed by RF and LF.

**3. Business Arising**

CS mentioned that proposed changes to Coochooboonah Ln entrance were communicated to the work force, and there is ongoing discussion with Gunnedah Shire Council over the traffic entrance and are awaiting for a site visit by council.

**4. Operations Report**

CS gave detailed production report for Year to date:

- 1.45 Mt bench m<sup>3</sup> of overburden stripped
- 200,000 t coal mined
- 12,700t transported to Gunnedah CHPP (Dec, Jan, Feb)
- 537 loss time injury free days.

Number of employees remains the same. Production is scheduled to cease in last quarter 2019, after which current planning is to rehabilitate the mine using in-house equipment and personal. RF discussed the current high strip ratio. CS indicated it was due to in pit coal loss from geological intrusions and structure as well as some rehandling of in pit overburden.

**5. Environmental Report**

AR presented environmental results and records of complaints, which are include in the Environmental Monitoring Report.

High dust results were discussed and agreed it was due to external factors to Sunnyside Coal Mine. Slight drop ( $\pm 1\text{m}$ ) in groundwater levels on monitoring bores due to lack of rainfall recharge. LF indicated that they had also seen groundwater levels drop on their property. Extensive discussion was held on water availability for mining and what happens when water runs out. RF made the suggestion that we can source water from underground working of historic mines at Brickworks.

AR mentioned that the Closure Mine Operational Plan was approved in January, as well as the alteration to the final landform of the void to make it free draining post closure.

LF mentioned a lack of koala sighting in the area. AR noted that there were 3 sighting during the year by mine employees, and an additional 4 during the annual ecological survey.

LF also mentioned that there are high number of kangaroos in the area due to drought. AR noted that two camera traps were installed to monitor roo numbers, which could potentially be used for a culling program. LF and RF mentioned that a culling program is definitely required.

## **6. General Business**

No general business

## **7. Next meeting**

Next meeting scheduled for Wednesday 8<sup>th</sup> May 2019, at 3:30pm, at the Namoi Valley Brickworks.

Meeting closed at 16:45

Michael Broekman – Chairperson

# Sunnyside Coal Mine Community Consultative Committee Meeting #28

## Environmental Monitoring Report February 2019

### Noise Monitoring

Attended noise monitoring was undertaken over three days on the 10<sup>th</sup>-12<sup>th</sup> December 2018, no non-conformance were recorded.

### Air Quality Monitoring

#### **Deposited Dust**

November dust analysis for Innisvale was lost due to a laboratory crucible failure. The annual averages for deposited dusts at all monitoring locations remain below the criteria of 4g/m<sup>2</sup>/month. A number of sites in December and January had a high readings due to state wide dust storms.

Month	SD1 Ferndale	SD3 Plainview	SD4 Lilydale	SD5 Ivanhoe	SD6 Illili	SD7 Innisvale	SD8 Woodlawn
Feb-18	1.08	0.8	2.2	2.04	1.2	0.7	1
Mar-18	4	14.2	1.2	11.9	4.7	2.6	0.8
Apr-18	2.1	3.5	3.5	2.4	4.6	1.1	0.8
May-18	0.3	1.5	0.1	0.9	0.8	0.7	0.3
Jun-18	1.5	2.4	1.4	2.8	1.2	0.6	0.6
Jul-18	1.2	0.8	0.6	2.2	0.8	0.8	0.4
Aug-18	1.2	0.9	0.7	1	5.3	1.3	1.5
Sep-18	20.6	3.2	2	1.6	2.4	1.4	1.3
Oct-18	3.6	2	1.3	1.7	1	1.4	0.8
Nov-18	3.7	7.8	0.8	2	3.2	***	1.2
Dec-18	3.6	2.5	3.5	4.3	5.8 2	4.53	3.33
Jan-18	3.4	4.2	4.7	5.2	3.1	4.1	3.1
<b>Average</b>	<b>3.86</b>	<b>3.65</b>	<b>1.83</b>	<b>3.17</b>	<b>2.8 4</b>	<b>1.75</b>	<b>1.26</b>

\*\*\* Sample lost due to lab crucible failure

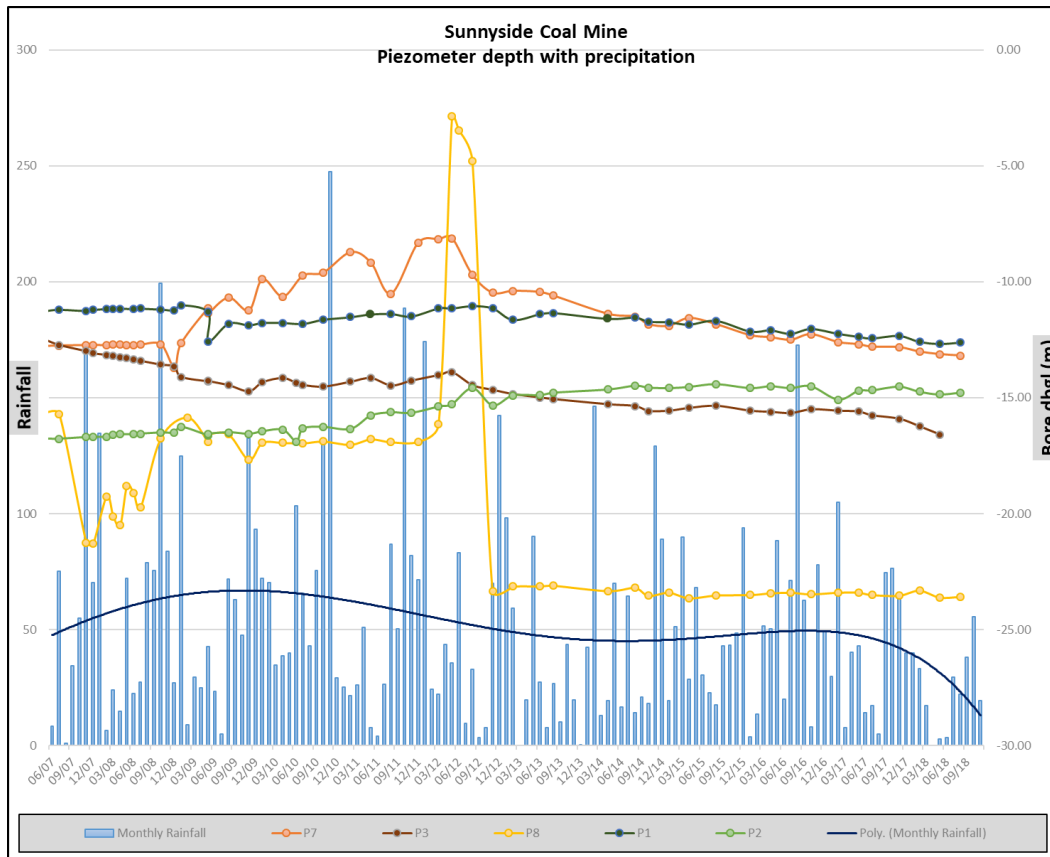
#### **PM<sub>10</sub> Data**

PM<sub>10</sub> measurements taken during the quarter had readings of 51.3 marginally above the 24hr limit of 50µg/m<sup>3</sup>. The 27<sup>th</sup> of December a reading of 57µg/m<sup>3</sup> was recorded. The 12 month average is 57µg/m<sup>3</sup>. High dust readings are attributed to regional dust storms with the filter paper being covered with red dust. Discussions with other operations in the region and the laboratory noted that they had similar high dust readings.

#### **Groundwater Monitoring**

Groundwater monitoring is undertaken from a range of monitoring piezometers and water bores both within and surrounding the mine site. Standing Water Level (SWL) checks are undertaken on a quarterly basis, with full water quality sampling undertaken

on a 6 monthly basis. Standing water levels have dropped by 10cm, due to reduced rainfall, there is a very slight downward trend since September 2017. There has been a dramatic decline in monthly rainfall.



**Surface Water**

Surface water sampling of storages onsite continues to be carried out on a quarterly basis. Dams were dry except for pit void dam and actively used northern dam. There was no change in water quality. No wet weather discharges occurred during the period.

**Complaints**

No complaints have been received for the Sunnyside Coal Mine since the previous CCC meeting.

**Rehabilitation**

Additional ±80m<sup>3</sup> of subsoil was recovered from pit mining operations to be used for rehabilitation.

Watering of planted tube stock was recommenced in late January due to dry and hot conditions.

Mine Closure MOP was approved in January. Coal mining operations are due to cease in last quarter of 2019.