

**MT ARTHUR MINE COMPLEX**  
**COMMUNITY CONSULTATIVE COMMITTEE MEETING**

**Wednesday 13 June, 2012**

# **AGENDA**

<u>Time</u>	<u>Item</u>	<u>Person</u>
4:00	1 Welcome and apologies	Chairperson
4:02	2 House keeping and safety	MAC
4:05	3 Declaration of pecuniary interest	Chairperson
4:07	4 Confirmation of previous meeting minutes	Chairperson
4:10	5 Action points since last meeting	MAC
4:15	6 Overview of operations to date	MAC
4:30	7 Overview of Environment & Community	MAC
4:45	8 Environmental monitoring data	MAC
5:00	9 Community complaints summary	MAC
5:15	10 Overview of community support	MAC
5:30	11 Action Item 3	MAC
5:40	12 Action Item 4	Craig Flemming
5:50	13 General business	Chairperson
5:59	14 Next meeting date	Chairperson
6:00	15 Meeting close	Chairperson

## MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

### Minutes of Meeting (23)

- Location:** Mt Arthur Coal Boardroom
- Date:** Wednesday 13<sup>th</sup> June, 2012
- Present:** Craig Flemming (CF) Muswellbrook Shire Council, Michael Gale (MG) Mt Arthur Coal, Graham Guest (GG) Resident, Jennifer Lecky (JL) Resident, Anthony Margetts (AM) Mt Arthur Coal, Julie McNaughton (JM) Mt Arthur Coal, Bruce MacPherson (BM) Resident, Rebecca Smith (RS) Mt Arthur Coal
- Apologies:** Martin Rush (MR) Chairperson, Shelly Masterson (ShM) Mt Arthur Coal, John Bancroft (JB)
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#### Meeting Commenced: 4:04pm

#### 1. WELCOME AND APOLOGIES

JL welcomed everyone to the Mt Arthur Coal Community Consultative Committee (CCC) 13<sup>th</sup> June 2012 meeting and apologies were received.

#### 2. HOUSEKEEPING AND SAFETY

RS provided information on general housekeeping and safety at Mt Arthur Coal, this included:

- Entry/Exit
- Emergency Procedure
- Muster Area
- Amenities
- Tea/Coffee

#### 3. DECLARATION OF PECUNIARY INTEREST

No pecuniary interests were declared. JL

#### 4. CONFIRMATION OF PREVIOUS MEETING MINUTES

JM apologised and advised that the minutes from the previous CCC meeting were not available in time for this meeting. Minutes will be distributed on Thursday 14<sup>th</sup> June, 2012.

JM requested Confirmation of Previous Minutes be carried over until next CCC Meeting on 1<sup>st</sup> August, 2012 (**ACTION ITEM 1**)

Moved by JM and seconded by JL.

#### 5. ACTION POINTS FROM PREVIOUS MEETING

##### *Mt Arthur Coal April CCC Meeting*

**Action Item 1: Ensure that all items to be discussed will be included in the Agenda so that it allows for all members of the CCC to review documentation prior to arriving at the meeting. This is to include actions from the previous meeting. (Actioned by RS – Completed).**

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RS advised the committee of the CCC report which was distributed to all CCC Members in advance of this meeting to ensure all members were provided detailed notes of items being discussed.

**Action Item 2: MR and JM to discuss Community investment commitments offline in order to establish what information will satisfy the CCC in this area. (Carried over until next meeting ACTION ITEM 7).**

**Action Item 3: Confirm the percentage of woodland cover under B&RMP for CF including the calculation process. (Actioned by RS, Completed - see agenda item 11)**

**Action Item 4: Provide less than 4 paragraphs on why HVAS and TEOM monitors at the same location might measure different PM<sub>10</sub> results during the same 24 hour period and how the measurement could be done better to present at the next CCC meeting (Action carried over from CCC Meeting 2 February 2012 – Action Item 8) (Actioned CF, completed – see agenda item 12).**

### 6. OVERVIEW OF OPERATIONS TO DATE

AM (Manager, Shovels & Contract Mining) presented the overview of operations to date which included information on the following:

- Delivery of the RX1 equipment was complete except for the overburden drill.
- Production achieved above plan due to favourable weather conditions.
- VD1 reshaping has commenced with the RL260 bench being completed.
- Unlocking of Modular mining system continued on the overburden fleet.

The total number of people employed by NSW Energy Coal was 1,472 Full time employees as of the end of April.

JL enquired about the final shape and height of VD1 and this was discussed.

CF enquired what the RL260 bench represented.

AM responded explaining that the 260 bench is the level/height the bench is currently at.

BM asked about operational hours of reshaping work at Belmont Pit as BM noted lights visible from Denman side of Edderton Road.

AM responded that they are currently operating 24 hours 7 days per week and had been for the past two weeks.

JM asked when BM noticed the lights and if it was in this time period, but was before the time discussed.

JM thanked BM for the feedback.

AM to investigate if lights are visible by contacting OCE and including visits to the corner between Edderton Rd/Denman Rd turn off and Windmill Farm to ascertain where lighting is being generated from. **(ACTION ITEM 2)**

AM departed the meeting at 4.35pm.

### 7. OVERVIEW OF ENVIRONMENT AND COMMUNITY

JM presented the overview of Environment and Community and informed the committee of the following:

- Staff movements:
  - Michael Gale was appointed to an Environmental Superintendent role in January 2012, replacing Steve Perkins.
  - Phil Truong was appointed to an Environmental Coordinator role in April 2012.

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- Scott Mitchell left the role of Environment Superintendent in June 2012 to fill a HSEC Superintendent position at the Caroona Coal Project.
  - Donna McLaughlin has been appointed to the Acting Environment Superintendent role, in Scott's absence.
  - Nicole Wergeltoft-Grant commenced 1 year maternity leave in May 2012.
  - Sarah Knoll was appointed to Community Relations Coordinator, in Nicole's absence.
  - Sarah Withell commenced 1 year maternity leave in June 2012.
  - Tony Howard was appointed to NSW EC Head of HSEC, in Sarah's absence.
  - Rebecca Smith will commence 8 months maternity leave in June 2012.
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- Preparations are underway for a BHP Billiton Peer Review scheduled for late June
  - The EPBC Act referral has been approved.
  - A number of Management Plans have been submitted to DoPI for approval following initial feedback
  - Project Modification Progress:
    - Targeted stakeholder engagement commenced in February and is continuing. Feedback to date has been positive.
    - Environmental studies commenced in December 2011/January 2012, draft results for some of the studies have been received however a number of these studies require some additional work following the issue of the Director-General's Requirements (DGR's) on the 3 May 2012.
    - Currently completing a gap analysis of the work done to date against the DGR's. The DGR's require that the EA be prepared with regard to the draft gateway criteria following the NSW Governments release of the Draft Strategic Land Use Policy, this requires some additional work and preparation of an Agriculture Impact Assessment.
    - Anticipated Timing:
      - Lodgement of Section 75W Environmental Assessment – third quarter 2012.
      - Exhibition – fourth quarter 2012.
      - Approval – early 2013.

CF enquired if the Caroona Coal Project was connected with Mt Arthur Coal.

JM advised that the yes they are as they are part of NSW Energy Coal which includes Mt Arthur Coal, Mt Arthur Coal Projects, Caroona Coal Project and BHP Billiton involvement with the Newcastle Coal Infrastructure Group (NCIG).

BM raised the issue of who will be overseeing the project of the removal of old fencing material and scrub vegetation along Denman Road as Scott Mitchell was overseeing this before relocating to Caroona Coal Project. BM stated he places a high value on tidying up this area.

JM assured BM that this work was included in the initial project scope and that even though Scott is no longer located at Mt Arthur Coal, this work would continue. JM invited BM to keep an eye on the progress and comment if needed.

### **8. ENVIRONMENTAL MONITORING DATA**

RS invited discussion on the environmental monitoring data results as outlined in the Agenda Report.

BM requested an explanation of the 3 significant events in May that were identified on page 3 of the CCC Report.

JM discussed event 1:

- Saturday morning blast at 9.18 am 5/5/2012

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- Six Complaints
- No exceedances recorded
- High overpressure result at Yammanie (119.2dBA)
- Outcomes:
  - Training has been implemented for the drill and blast team.
  - The Drill and Blast Superintendent must provide approval for all blasts

JL/BM raised the issue of Saturday not being a usual day for blasting.

JM responded explaining that with weather hampering production and productivity needing to increase, they needed to blast on Saturday, noting that Mt Arthur Coal has always had approval to do this but haven't used this option in the past, and that Saturday blasting may become more common in the future.

General discussion was raised by CF/BM in relation to having a commitment to community and to try and reduce or remove residence reason for complaints and what has Mt Arthur put in place to stop another substantial event from happening again in the future.

JM advised that all appropriate planning and modelling was carried out for this blast, weather conditions may have contributed to the overpressure issue and that it was identified that blasting could have been postponed until later in the morning. JM confirmed that a review of blasting would be undertaken to further investigate blasting improvements.

JM discussed event 2:

- Blast at 11:52 am 18/5/2012
- Six Complaints
- One vibration exceedance recorded- Denman Road West (14.58 mm/s)
- Exceedance reported to DoPI and OEH
- Monitoring equipment issues resulted in an invalid vibration result (true result estimated at approximately 7mm/s) due to mounting block issues
- The low frequency of the shot vibration and the six second shot duration created a perception of a high vibration shot leading to multiple complaints.
- Outcomes:
  - Review of blast monitoring equipment and maintenance program
  - Review of significant factors affecting blast vibration

JM noted that the geophone mounting block was found to be unstable with the soil cracking away from the block allowing movement.

CF entered the discussion commenting on the standard of the mounting block and querying if it was to the Australian standard.

MG confirmed the block complied with Australian standards, however the block type would be under review and improved if possible

JM discussed event 3:

- Blast at 12:13am 24/5/2012
- Nine Complaints
- Two overpressure exceedances recorded- Yammanie (121.5dBA) and Racecourse (120.1dBA)
- The cause was determined to be a blow out of a blast hole due to lack of confinement combined with meteorological conditions

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- Exceedance reported to DP&I and OEH
- Outcomes:
  - Hazard awareness training for the correct stemming process to contain explosive energy will be implemented to the drill and blast team.
  - Procedure to be implemented to ensure adequate controls are in place to reduce the risk of inadequate hole containment

BM/JL requested that Mt Arthur Coal look into comparing blast duration times to the number of community complaints from blasts to see if a relationship exists.

JM replied that this may be considered if deemed appropriate in the upcoming blasting review.

### 9. COMMUNITY COMPLAINTS SUMMARY

RS confirmed Mt Arthur received ten complaints in March 2012. Complaints were in relation to:

- Operational noise x 4
- Lighting x 3
- Train noise x 1
- General dust x 1
- Blast vibration x 1

RS Confirmed Mt Arthur received ten complaints in April 2012. Complaints were in relation to:

- General dust x 5 (3 related to a storm front on 7/4/12)
- Lighting x 1
- Blast vibration x 3
- Blast overpressure x 1

CF noted that the Edinglassie monitor was missing from the plan in Appendix 1 of the CCC Report. PT to amend Appendix 1. Monitoring Locations to include Edinglassie **(ACTION ITEM 3)**

CF asked if it was possible to investigate the relationship between blast vibration results and distance at monitors in a direct line from blasts (e.g. data from BP06 & BP04 when blasting on Denman Rd).

MG to review this request. **(ACTION ITEM 4)**

BM raised a question relating to the effect of ground vibration with heritage homes such as Edinglassie.

JM/RS responded that a Blast vulnerability assessment has been undertaken, showing that no structural damage is likely to occur below 10mm/s.

BM/JL suggested that the CCC visit Edinglassie.

JM to investigate the possibility of visit in consultation with the residents of Edinglassie. **(ACTION ITEM 5)**

### 10. OVERVIEW OF COMMUNITY SUPPORT

JM provided an overview of community support:

- Currently finalising the Community Development Management Plan:

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- Key document that outlines five year investment plan and is linked to the strategic management of mines' social impacts.
- Planning to undertake a review of our Complaints and Grievance procedures – better understand complaints and how we benchmark against international best practice.
- Currently working with a number of organisations including Muswellbrook Shire Council and Upper Hunter Community Services to finalise scoping projects and reports.
- Site tour conducted on 28 March with the NSW Minerals Council Upper Hunter Mining Dialogue (UHMD) Community stakeholders.
- Community Development Fund Round 1 (2012) closed 2 March. Successful applicants include:
  - Paediatric Audiometry School Screening Project (Upper Hunter Community Health - Hunter New England Local Health District) - \$74,130
  - Saturday Youth Club Program (Muswellbrook PCYC) - \$56,000 total (Two year partnership, \$28,000 p.a.)
  - Building/Infrastructure upgrades for the Warrae Wannu School Readiness Program (Muswellbrook South Public School) - \$35,000

### 11. ACTION ITEMS FROM PREVIOUS MEETINGS

**Action Item 3: Confirm the percentage of woodland cover under B&RMP including the calculation process.**

JM provided calculation, as shown in CCC Report.  
CF accepted data.

**Action Item 4: Provide less than 4 paragraphs on why HVAS and TEOM monitors at the same location might measure different PM10 results during the same 24 hour period and how the measurement could be done better to present at the next CCC meeting (Action carried over from CCC Meeting 2 February 2012 – Action Item 8)**

CF delivered information. The data shows that the HVAS results during 2011 were on average 1.2 times the TEOM result. The two monitors' correlation coefficient  $R^2$  is 51%. The HVAS result recorded on 23 September 2011 is clearly anomalous.

The reason why the HVAS monitor at Sheppard Avenue recorded a  $PM_{10}$  result in the order of 4 times higher than the TEOM monitor at the same location on 23 September 2011 is likely to be one or more of the following:

- a) contamination of one instrument either by sabotage or poor sample handling;
- b) significant drift in calibration;
- c) some equipment failure; and/or
- d) extreme heterogeneity in air quality on that particular day.

### 12. GENERAL BUSINESS

Error in TEOM  $PM_{10}$  Results Reported for Roxburgh Road (DC05):

RS advised that a discrepancy was found with the above results reported previously to the CCC. Correct data has now been compiled and listed in CCC Report. Database has been modified to ensure correct data is being recorded.

RS invited committee to raise topics for discussion for the next meeting, no topics were raised.

### 13. NEXT MEETING DATE

The next Mt Arthur Coal Community Consultative Committee meeting is proposed to be held on Wednesday 1st August 2012 at 4 pm in the Mt Arthur Coal boardroom.

**Meeting Closed: 6:28pm**

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ACTION ITEM NO.	ITEM	ACTIONED BY
1	Confirmation of Previous Minutes to be carried over until next CCC Meeting on 1 <sup>st</sup> August, 2012	PT
2	Investigate if lights are visible from the corner between Edderton Rd/Denman Rd turn off and Windmill Farm by contacting OCE and including visits to ascertain where lighting is being generated from.	AM
3	Amend CCC Report Appendix 1. Monitoring Locations to include Edinglassie blast monitor	PT
4	Review request to investigate relationship between blast vibration results and distance at monitors in a direct line from blasts (e.g. data from BP06 & BP04 when blasting on Denman Rd).	MG
5	Investigate the possibility of arranging a site visit for the CCC to Edinglassie homestead with the residents.	JM
6	MR and JM to discuss Community investment commitments offline in order to establish what information will satisfy the CCC in this area.	JM/ MR