

MT ARTHUR MINE COMPLEX

Community Consultative Committee Meeting – 16 September 2015

**Attendance****Chairperson**

Dr. Colin Gellatly Independent Chair MAC CCC

Company Representatives

Andrew Garratt Senior Manager Corporate Affairs, NSW Energy Coal
 Deirdra McCracken-Tindale Manager Corporate Affairs
 Nick Woodbyrne Principal Mining Engineer
 Donna McLaughlin Superintendent Environment Execution
 Rebecca Marcus Superintendent Health Safety Environment Reporting

Community Representatives

John Bancroft Community Representative
 Jenni Hayes Community Representative
 Alex MacDonald Community Representative
 Di Gee Community Representative

Minutes

Sarah Purser - e) sarah.purser@bigpond.com

Abbreviations

Mt Arthur Coal – MAC
 Department of Planning & Environment – DP&E
 Department of Environment - DoE

1. Social Research Workshop – Banarra Consultants**2. Lunch Break****3. Welcome by Chairperson**

Col welcomed the CCC and confirmed that the Draft for Comment version of the previous Meeting's Minutes had been circulated to all.

John queried the Minute Taking and Distribution process:-

Action	Responsibility
Meeting Note Taking & Minutes Preparation	Sarah – Independent Secretary
Chairperson & Technical Review	Col and Andrew
Minutes circulated as Draft for Comment	Andrew
Member feedback / comments to Col & Sarah Col m) 0417 203 249 e) colingellatly@hotmail.com Sarah m) 0414 450 010 e) sarah.purser@bigpond.com	Community Consultative Committee Nominally allow Committee one week for review
Incorporate feedback / comments	Sarah
Minutes circulated with Agenda for next Meeting	Andrew
Approval of the previous Meeting Minutes	CCC at the next Meeting
Minutes released as Endorsed by Chair, uploaded to Company website and made available at the Library	Andrew

Declaration of Pecuniary Interests / Conflict of Interest

Ongoing Declarations; Col advised that both he and Sarah are engaged by BHP Billiton to provide the respective roles of independent Chairperson and preparation of the Meeting Minutes. Alex advised that his father is Parliamentary Secretary for the Hunter.

4. Approval of the previous Meeting's Minutes

Col called for any feedback on the Minutes for the Meeting held 9 June 2015. No comments were put forward and the Minutes were adopted by the Committee.

ACTION 1: Andrew to circulate CCC phone and email contact details, should members wish to communicate out of session.

- ✓ Completed (MAC has not been provided with all of the members phone information, so have circulated emails and addresses)

5. Matters Arising – Action Items from the previous Meeting

Ongoing Action: CCC to submit Agenda items to Col two weeks prior to the Meeting.

Action: MAC to provide out of session notifications for any major events.

- ✓ Andrew circulated Media Release on 30 July 2015; Mt Arthur Coal accepts responsibility and apologies for offensive blast in February 2014.

ACTION 2: Donna to get the appropriate contact person for representation from the DoRE and ask if they would like to attend.

- ✓ Donna has suggested Monique Meyer, Manager Northern Region | Environmental Sustainability Unit Mineral Resources – Division of Resources and Energy, NSW Department of Investment.

ACTION 3: Col to invite a representative from the Department of Resources and Energy (DoRE) to attend a future Meeting.

- ✓ Scott Brooks – Confirmed

6. Update from BHP Billiton

OPERATIONS UPDATE

Presented by Nick Woodbyrne - Principal Mining Engineer

Presentation to be circulated with the Minutes

Update: Previous 3 Months

- ✚ Total Movement 1 June to 1 September 2015; Overburden 27.7 Mbcm, Coal Mined 6.9Mt.
- ✚ Overburden (waste rock) is measured in volume.
- ✚ Coal is measured in weight; there is 1,000kg in every tonne.

Col questioned how these 3 months compare to previous quarters? Nick advised they are fairly similar with only minor variations. Overburden movement is in a steady state in terms of the digger fleet numbers.

Heat Map of Activity

- ✚ The surface was surveyed 1 June and last week.
- ✚ Comparison of the two surveys provided an indication where MAC has dug deeper and where dumps have been built up higher.
- ✚ There is not a focus on one particular area but across the extent of the site.
- ✚ Mining that results in dirt being moved to dumps is fairly spread out around site.

John asked if the operation measured the stock piled coal as these are built up? Nick advised that stock piles tend to be fluid and are not surveyed all the time. There is fairly healthy stock at the 1.1M tonne mark, which is about the maximum stockpile from a physical space point of view. MAC does not like to leave coal in stock piles for lengthy periods.

ENVIRONMENTAL UPDATE

Presented by Donna McLaughlin - Superintendent Environment Execution

Handout to be circulated with the Minutes

Information provided: 1 June to 31 August 2015

✚ Mining Operations Plan

Mt Arthur Coal's mining operations plan (MOP) was revised and submitted to NSW Division of Resources and Energy (DRE) for approval on 19 May 2015. Approval was granted by DRE on 15 July 2015.

✚ Ground Water Monitoring Program

Changes to the Groundwater Monitoring Program were approved by the Department of Planning & Environment (DP&E) on 28 April 2015. The Ground Water Monitoring Program was revised following identification of several opportunities for improvement.

ACTION 4: In response to a query from Jenni; MAC to provide detail on the number of bore holes in relation to the new Ground Water Monitoring Network scheduled for completion by 31 December 2015. MAC to provide a map indicating where adjustments to monitoring sites have been made for Di.

See Appendix 3 from Groundwater Monitoring Program

✚ Surface and Groundwater Response Plan

Changes to the Surface and Groundwater Response Plan were approved by DP&E 28 April 2015. The Plan was modified to update the surface and ground water exceedance protocol. In response to a query from Jenni, MAC advised that monitoring is conducted monthly and there had not been any major exceedances in water quality parameters in the last three months. Any exceedance would be reported to the DP&E within 24 hours.

✚ Surface Water Monitoring Program

Mapping locations of Surface Water Monitors around site will be detailed in the Annual Environmental Management Report (AEMR).

ACTION 5: MAC to circulate the Annual Environmental Management Report (AEMR) when available for release.

✓ Completed; the AEMR was posted to all members in early October.

✚ Biodiversity Management Plan

MAC explained that Biodiversity and Rehabilitation aspects are now detailed in two separate documents. Biodiversity looks at off-set and conservation on site and surrounds, the other is strictly Rehabilitation. MAC advised there is approximately 2,000 hectares in the off-set and this detail will also be published in the AEMR.

MAC advised the Annual Environmental Management Report will contain mapping of all monitoring points for Surface Water, Ground Water and Dust. In addition, there is detail on Flora & Fauna along with Biodiversity information.

Visual Impacts Management Report

MAC advised that a Visual Consultant has identified residents that will be visually impacted by operations and the company will be contacting these residents to discuss management options over the next months. **Alex asked if this includes the area along Denman Road?** MAC confirmed this area is included.

Spontaneous Combustion Capping Works

Capping of spontaneous combustion outbreaks in the Bayswater No. 2 and Drayton sublease areas was completed in May to July 2015. DP&E inspected the area on 18 July 2015 and determined that the progress of capping works was satisfactory.

EPBC Annual Compliance Report

The EPBC 2011/5866 Annual Compliance Report was published on the BHP Billiton website on 19 August 2015.

ENVIRONMENTAL PERFORMANCE

Elevated Environmental Monitoring Results

21 July 2014 – Antiene (DC07) TEOM – Air Quality PM10; MAC provided an overview of this incident and advised that investigation had revealed that the monitoring contractor that was undertaking maintenance on the unit at the time, had forgotten to switch the monitor off, resulting in elevated dust results.

Environment Incidents

Spontaneous Combustion; MAC provided detail on a spontaneous combustion event that occurred on 23 June 2015 where smoke and odour travelled across Denman Road from the Windmill Pit endwall. MAC advised that their Pollution Incident Response Management Plan was activated and outlined what actions were undertaken. MAC advised that there was no actual impact to anyone. **John asked how long it took to complete the capping?** MAC advised this was completed in about four hours and that it was a small isolated area. **John queried if operations continue in that area could the combustion occur again?** MAC replied that they try and remove material where they can and also have material available so they could cap immediately if required.

Blast Fume – February 2014; MAC confirmed that the company had accepted responsibility for this event and apologised to the community for the incident. A penalty of \$58,500 was imposed for the offence, to be paid to the Muswellbrook Shire Council to fund its Wood Smoke Reduction Program. **John asked if any health issues came out of the incident?** MAC advised that the company did receive complaints and proactively phoned Hospitals and Medical Centres to provide information to them. The fume went around, over VD1 and not through the Pit, so it did not impact on staff on-site.

John queried if there were any pending actions as a result of the incident where water went across Denman Road? Contained in FY 2014 AEMR – to be provided to John.

John asked if operations were working down in that area again? MAC advised there is only one Bund Wall behind the Light Vehicle Track. There are additional sumps and sediment dams going in for water capture. The outside will not be so steep, to allow for better trees and vegetation behind, providing visual relief.

COMMUNITY COMPLAINTS

Complaints by Issue & Location

Presented by Deirdra McCracken-Tindale- Manager Corporate Affairs

Deirdra advised that complaints for the past three months are down compared to last year, with blasting being the company's most significant challenge, as people feel vibration and what is seen as a result of a blast. The categories for complaints are determined by company-wide criteria. Location of complaints tend to be more in one area and this correlates with the area in the pit that MAC is blasting, as operations get closer to Denman Road.

Col questioned the number of complaints? MAC advised there had been a total of 15 in the three month period and that this data is also available on the company website.

ACTION 6: MAC to include the number of complaints in the Community Complaints data provided to the CCC.

COMMUNITY PARTNERSHIPS

Recent Community Investments

- ✓ **2015 Aberdeen Highland Games – Gold Sponsor**
Record number of attendees, very happy with overall result.
- ✓ **NSW Mineral Council Health, Safety, Environment and Community Conference – Silver Sponsor**
Good opportunity for small business to be part of this Trade Fair and to interact with bigger mining companies.
- ✓ **2015 Singleton Show – Gold Sponsor**
- ✓ **2015 Muswellbrook Race Club Carnival of Cups – Naming Rights Sponsor**

In addition, MAC has:-

- ✓ Commenced a Reading Project, working with Muswellbrook Library, by bringing in Reading Rocks.
- ✓ Participated in some of the Calender of Events for Mental Health Month presented by Upper Hunter Community Services.
- ✓ Provided Platinum Sponsorship for the National Men's Shed Conference in Newcastle.

MAC advised that there has been a focus on mental health in the Workplace and Communities also through the Upper Hunter Mining Dialogue and the Minerals Council.

The company conducts Social Research every three years, this was done this morning, and will drive investment opportunities going forward.

Social Research Workshop – Banarra Consultants

Feedback from the morning session was that the Consultants gave the impression that the Hunter and Queensland would be combined and Jenni was concerned that this would run the risk of taking away local benefits. Deirdra clarified that the combination is the Hunter to East Coast and this will not take away the ability to address local issues.

Staffing Deirdra advised that MAC's current staffing level is at 1,350 and this number was arrived at following change to the business over the last 18 months or so.

7. Focus Topic: Rehabilitation

Presented by Nick Woodbyrne - Principal Mining Engineer

MINE PLANNING HORIZONS

Nick provided an overview on Mine Planning Horizons for the short term; September, October and November 2015 and explained mid-term planning is from 3 months to 2 years and RPD is 3 Years +. Nick indicated the extent of the mining operations, being some 6 kilometres in length and advised that MAC is one of the largest single operations in the Valley. Nick noted there is an abundance of seams; 20 to 22 in total and provided the CCC with an overview of mining areas and dump spaces with the Pits moving westerly to Denman and McLean's moving to the north.

John queried where the underground was? Nick advised that this was in Saddlers North, a drift exploration of underground had been completed to assess what may be done with underground, however this has been put on hold, the entrance portals have been sealed and MAC is not actively doing anything there.

ANIMATION – 2 YEAR COMBINED DIG AND DUMP

MINE PLANNING & REHABILITATION

FY16 Target is approximately 50Ha (500,000 square metres). As of September 2015, MAC is on track to complete this target.

PICTORIAL OVERVIEW OF VISUAL DUMP SHAPING & AERIAL SEEDING

Temporary aerial seeding to dump faces is utilised to mitigate dust and MAC conduct two campaigns per annum. *John asked if coming into windy months was part of the planning?* MAC advised that aerial seeding was completed a few months ago in preparation for summer and dry months.

VISUAL BUND TRACKING – FY16

MAC takes visual dumping seriously, it is tracked carefully in the short term and the company makes sure they fill in close behind operations. *John asked if RL360 is a height measured above sea level?* To give some perspective on height MAC noted that the top of Mount Arthur is 482 metres high. Nick confirmed the final height will generally be RL360, with some localised areas to be RL370. In addition, two peaks of RL375 in the final landform will be utilised to provide visual relief.

COMMUNITY FEEDBACK

John advised that some members of the community were having difficulties in locating the Minutes and accessing other information via the company website. Deirdra explained that the Minutes are approved and adopted at the subsequent Meeting and upload to the company website is managed out of Melbourne.

The MAC team have provided feedback about the website to their counterparts in Melbourne. It is being considered in the context of work being done to improve the website's usability.

John also finds that data on the website is difficult to read. Deirdra advised the data sets John is referring to are set by reporting and these are the monthly reports on EPL Monitoring. John advised that he and other members of the community appreciated the data provided by MAC at past CCC Meetings and would like MAC to consider continuing to provide that type of information, as it was user friendly and easily understood.

Members confirmed that they requested for MAC to provide data on Complaints and Exceedences/Exceptions only. Jenni feels that the Annual Report is helpful for looking at historical data as it gives a snapshot on how the organisation has travelled.

ACTION 7: MAC to provide the following updates to the CCC (as presented today) one week prior to the meeting, to allow for review; Environmental Management, Environmental Performance and Community Complaints. MAC confirmed this reporting will be until the end of the previous month and if there are any further details to report up to the meeting, MAC can validate these then.

John asked that Action 4 from the CCC Meeting Number 40, held 8 October 2014, be brought forward into this new forum as he feels that it is still relevant and tabled five questions that he would like addressed.

Col agreed with John that he finds it difficult to find detail, such as Minutes, on the company website and had to drill down between different parts of the website to access them. Deidra advised he Minutes are uploaded in a regulatory section for community, along with complaints data and this is the section allocated to MAC.

Col advised that the DP&E recently conveyed about 20 Chairpersons from around the State and his experience and feedback had been consistent with this group regarding websites. The main message that came through, particularly in an age of social media, was the importance of having good websites for community access.

Col acknowledged that the CCC is not a decision making body and respects that MAC is working under a broader corporate structure, however he asked if this feedback could be provided back to the company's IT people to see if the website could be revamped to make access more user friendly. The group agreed that they would appreciate if the company could make it easier to access website information.

Jenni suggested that MAC put advice and a link in their Community Newsletter that the MAC CCC Meeting Minutes are available on the company website. MAC confirmed that they have put an article on their Newsletter explaining the CCC forum and who the members are.

Col advised that the DP&E are looking at revising the CCC Guidelines, noting that they are guidelines only, and he will circulate these to members if there is an update.

John asked if there was any feedback from the Technical Review Meeting with Council? Andrew advised that Council are working on getting the right technical people on board for this forum and once there is a meeting, MAC will provide feedback on this to the CCC.

The CCC were provided with the hand-out Community Matters.

Next Meeting – Wednesday 16 December 2015

Mt Arthur Coal Boardroom

1.00 p.m. to 3.00 p.m.

ACTIONS ARISING FROM THIS MEETING

Action	Page Ref	Description	Who
1	2	Andrew to circulate CCC phone and email contact details, should members wish to communicate out of session.	Andrew
2	2	Donna to get the appropriate contact person for representation from the DoRE and ask if they would like to attend.	Donna
3	2	Col to invite a representative from the Department of Resources & Energy (DoRE) and invite them to attend a future Meeting.	Col
4	3	In response to a query from Jenni; MAC to provide detail on the number of bore holes in relation to the new Ground Water Monitoring Network scheduled for completion by 31 December 2015. MAC to provide a map indicating where adjustments to monitoring sites have been made for Di.	Donna
5	3	MAC to circulate the Annual Environmental Management Report (AEMR) when available for release.	Completed.
6	5	MAC to include the number of complaints in the Community Complaints data provided to the CCC (ongoing).	Deirdra
7	7	MAC to provide Environmental Management, Environmental Performance and Community Complaints one week prior to the next Meeting.	Donna and Deirdra