

MT ARTHUR MINE COMPLEX
Community Consultative Committee Meeting
9 September 2019
Community Response Line: 1800 882 044



Attendance

Chairperson

Wej Paradice Independent Chair MAC CCC

Company Representatives

Leah Scheepers Specialist Community
Kris Sheehan Superintendent HSE
Damien Perkins Manager Mine Scheduling
Deirdra Tindale Principal Corporate Affairs
Chloe Christensen Specialist Environment

Community Representatives

John Bancroft Community Representative
Jennifer Lecky Community Representative
Tony Lonergan Community Representative
Di Gee Community Representative

1. Welcome by Chairperson: The meeting was opened at 9:06am. The Chair (Wej) welcomed members to the CCC meeting.

2. Apologies: Rosemary Munn, James Nixon
Mark Bowditch absent.

Noted that Mark has not attended the past three meetings.

Deirdra mentioned she had previously discussed attendance with Mark via e-mail communication, and concluded that there would be follow up communication. Wej proposed that he discuss the attendance and appointment of a council representative with Mayor Martin Rush.

Action 1: Wej to consult with Mayor Martin Rush regarding the attendance and appointment of a council representative.

3. Introduction of new Chairperson: John raised concern regarding how and whether the minutes will be recorded. John further questioned that if the meeting is to be recorded, who would have access to the recording and where would it will be stored. Deirdra suggested that it be the responsibility of the minute taker to record the meeting and to send the file through to the committee. Discussions concluded that there be a specific protocol for the recording, use and storage of recorded meetings. John’s concern was based on previous minutes not including questions raised during past meetings, and the length of time it took for the minutes to be published to the website.

Discussion continued regarding the time frame for the minutes to be approved, and who would be involved in approving the previous minutes, i.e. the chair alone, or as a committee at the next meeting, as this would allow for any objections and concerns. John raised a further question regarding receiving a copy of the action points from meeting. Further discussion was postponed by the chair until a later relevant section of the meeting.

Wej proceeded with his introduction and briefly discussed his credentials, roles, and experience. CCC members then took turns introducing themselves to the committee.

4. Review of the 2019 Community Consultative Committee Guidelines and associated toolkit:

1. Purpose of the committee - Wej opened this section by indicating he was seeking a meeting between the Independent Panel of Chairs and the Minister for Planning to discuss the purpose and procedures of CCC meetings, the role of the chair and the panel. Wej mentioned that Mayor Martin Rush had expressed to him that CCC's may not be effective and questioned if they are fulfilling the purpose that government intended. Wej expressed that there are a number of issues of which he is keen to pursue with the department, and has been lobbying to get a meeting with the Minister in October, in order to discuss these issues. (This meeting is to take place in November 2019) Tony added that it is important for community members to have their say on this issue.

Wej mentioned that the primary purpose of the committee is advisory in nature, and that the CCC are not part of the compliance process. John raised that this may limit what can be discussed within CCC meetings, regarding information and discussion around compliance issues. He believes that compliance be an important part of these meetings. Wej clarified that while the CCC may discuss issues of concern to the community which maybe compliance related any compliance related action needs to be undertaken the by the relevant agency. Wej said that the CCC should be an effective way of communicating community issues to the company directly and vice versa.

2. Establishment of the committee and 3. Members of the committee - Wej raised discussion regarding the establishment, appointment and purpose of the committee. The chair discussed the make-up of the committee, including members from the community, company and council, and that the community representatives (3.5) are appointed by the department rather than the company. The Council (3.7) appoints their own representative, as does the company (3.1).

3.8 Alternative representatives - Wej confirmed that If the chair is unable to attend, the replacement chair must be appointed from the panel of chairs. Because of this, it is best to set meetings to a time that the chair can attend in order to avoid having to appoint a different Chair.

4.1 Frequency, timing and location of meetings – Wej stated that the frequency of meetings be selected by consensus and that future meetings confirmed on dates that best fit CCC member's diary's.

4.3 Minutes of meetings – Future accuracy of the minutes was raised as an important point, and that meetings be recorded in future sittings. Wej indicated that the minutes would be independent and suggested that appropriate recording equipment be used. John expressed his disappointment that today's meeting wasn't recorded for accuracy, as the use of recordings had been mentioned in previous meetings. Wej indicated that the intent would be to record meetings if this was the committee's preference.

4.4 Code of conduct - Wej enquired if the community members had signed the pecuniary interests and code of conduct forms, and that the forms be signed and sent through to the chair.

Action 2: All members to ensure that Code of Conduct Agreement Forms are completed, signed and sent to the chair.

4.7 Committee training - The guidelines allow for a case to be put forward for Committee members to be trained if this would make the committee more effective.

4.8 Committee funding and remuneration - The chair is appointed by the NSW Department of Planning but the fees associated with the Chair are paid by the proponent (Mt Arthur Coal). While Community members serve voluntary the guidelines allow for the payment of out of pocket expenses.

5. Declaration of pecuniary interests and non-pecuniary interests:

Wej requested that Declaration of pecuniary interests and non-pecuniary interest forms be signed and sent to him for the records.

Action 3: All members to ensure that pecuniary interests and non-pecuniary interests forms be signed and sent to the chair.

6. Approval of the previous minutes: (Recording of the meeting began at agenda item 6)

Wej questioned if the minutes were circulated, and confirmed that the previous meetings minutes were confirmed by the previous chair (Col Gellatly).

John had 2 issues under Action 10. He stated that there were issues regarding the consistency of the minutes, and that issues need to be addressed as per the guidelines and timeframes.

John raised that Action 10 had been changed from the draft copies to the formal minutes. Wej presumed that Col Gellatly, the previous chair, has changed the action. John is happy to accept the minutes, but raised that the drafts were different.

The minutes were moved as a true and accurate record. There were no objections.

7. Matters Arising from the previous Meeting – Action Items:

Action 1: Kat to follow up with BHP online team to ensure the February minutes are uploaded to the website.

Action Complete – Upload confirmed 29th May 2019

Action 2: Kat to distribute a copy of the map showing the MAC dust monitoring locations to the CCC members.

Action Complete – Map sent via e-mail 29th May 2019

Action 3: Jimmy to distribute a copy of the Water Management Plan and the map showing the MAC water monitoring locations to the CCC members.

Action Complete – Jimmy shared a link during the meeting. Kat mailed a copy to CCC members who requested it.

Action 4: Damien to share pit sequence animation with the CCC to demonstrate the process of progressive rehabilitation.

Action Complete – Damien shared the pit animation sequence with the CCC during the CCC meeting on 9th September, as part of his presentation in section 6 – Overview of Operations.

Action 5: Kat to investigate and provide detail for the complaint received 17th January 2019.

Action Complete – Actions listed as “other” are non-operational complaints. 17th January complaint was traffic related.

Action 6: Jimmy to investigate and provide an explanation for the duration of the Roxburgh Road noise monitor outage in February.

Action Complete – Chris addressed this issue on behalf of James during the CCC meeting on 9th September.

ACTION 6: Jimmy to investigate and provide an explanation for the duration of the Roxburgh Road noise monitor outage in February.

The NC05 Wellbrook Barn Owl (non attended) monitoring site was not available at the time of the complaint in question due to system reliability issues. This outage lasted approximately 14 days.

The OCE has the option to use this system to help investigate noise complaints however this is not standard process. The OCE should assess the situation and make operational changes based on the audible noise at the time of the off site inspection.

Compliance monitoring (attended) is completed on a monthly basis to ensure that MAC operates within the relevant performance criteria outlined in the Approval.

Source: MAC CCC September 2019 Presentation - Slide Reference #10

The monitor was out for 14 days.

John raised concern regarding the frequency of monitoring outages as per the requirements of compliance. James addressed this stating that as per approval, MAC are meeting the requirements as monitoring is processed through 'attendee' monitoring.

John raised that from a community perspective, this is concerning. James followed up that any complaint is addressed as per the requirements. John raised that monitors need to be replaced if they are not working, to ensure noise quality is being monitored. James again confirmed, that what is being carried out is meeting the legal requirements of the MAC project approval.

Tony requested clarification as to why the outage took 14 days to repair. James confirmed that the outage was found after 7 days, and a technician took a further 7 days to address the issue. John asked for confirmation on what would make MAC non-compliant. It was clarified that the specific locations are not relevant for approval, as MAC have multiple monitoring sites.

Action 7: Leah to explain why these complaints have been attributed to "low frequency noise" rather than "operational noise". Define "low frequency noise" and give examples of likely sources of this noise.

Action Complete – Deirdra addressed this issue on behalf of Leah during the CCC meeting on 9th September.

ACTION 7: Leah to explain why these complaints have been attributed to “low frequency noise” rather than “operational noise.” Define “low frequency noise” and give examples of likely sources of this noise.

- This is historically the way different types of noise complaints were classified
 - The description of the type of noise complaint is used to differentiate from an operational noise complaint which is typically from machinery (truck or dozer)
 - Other example of a different type of noise complaint is train noise
- ‘Low frequency noise’ provides further explanation of the type of noise the caller states they hear when they contact MAC.
 - The noise is typically described as a low frequency humming sound
 - Sources in the past have included the light bulb buzzing in the caller’s place of residence, humming from a Prep Plant
- From July 2019, complaints a caller describes as ‘low frequency noise’ complaint will be recorded as ‘noise’ complaints on the summary report for community complaints for BHP NSWEC’s regulatory website and the CCC pre-read
 - Note – AEMR – noise complaints are not broken down into types of noise, they are reported as noise
- All complaints reported to MAC by the community are recorded on our complaints register and investigated.

Source: MAC CCC September 2019 Presentation - Slide Reference #9

John raised concern that complaints by community members regarding noise were not reported to the CCC committee. Deirdra replied that all complaints are recorded in the complaints register, and this is provided to the committee. John questioned if the mine would be practicing any different activities which would result in low-frequency noise. He concluded that he’ll return with a formulated question regarding this in a future meeting. Deirdra raised concern whether it is worth going back to issues from 2014 in this committee.

John raised that it is difficult for himself and community members to use the MAC website to access past documents such as minutes and that there needs to be more information available such as meeting agendas.

Jennifer mentioned that she was feeling ill and needed to leave the meeting and the site. Leah assisted her to leave the room to the first aid centre.

Action 8: Damien to share the information gained from the SkyTEM survey that are of interest to the community but not commercially sensitive with the CCC.

Action Complete – Damien shared the SkyTEM survey information with the CCC during the CCC meeting on 9th September, as part of his presentation in section 6 – Overview of Operations.

Action 9: Jimmy to investigate whether MAC will be carrying out PM2.5 monitoring as part of the continuation project and report back to the CCC.

Action Completed – Deirdra discussed this action with the CCC during the CCC meeting on 9th September.

ACTION 9: Jimmy to investigate whether MAC will be carrying out PM2.5 monitoring as part of the continuation project and report back to the CCC.

Mt Arthur Coal is currently considering options for its next Project Approval. Information will be provided to the CCC in due course.

Source: MAC CCC September 2019 Presentation - Slide Reference #11

Action 10: Chair to present an interpretation of the guidelines to the CCC at the next meeting to clarify the process of engagement for independent chairperson and minute taker.

Action Complete – Wej shared his interpretation as chair of the CCC.

Wej explained that the Independent chair can employ a minute taker. John raised the question as to whether the minute taker themselves needs to be independent. He asked if there were specific guidelines for the appointment of the minute taker, as he believes the minute taker should be independent, and he has raised this with the department. Wej indicated that the minute taker is under the directions of the Chair.

It was clarified that any questions regarding the minutes by addressed through the chair, and not MAC.

Minutes are typed, sent to the chair, then to the committee. Issues of clarification need to go through the chair.

ACTIONS REMAINING OPEN FROM PREVIOUS MEETINGS

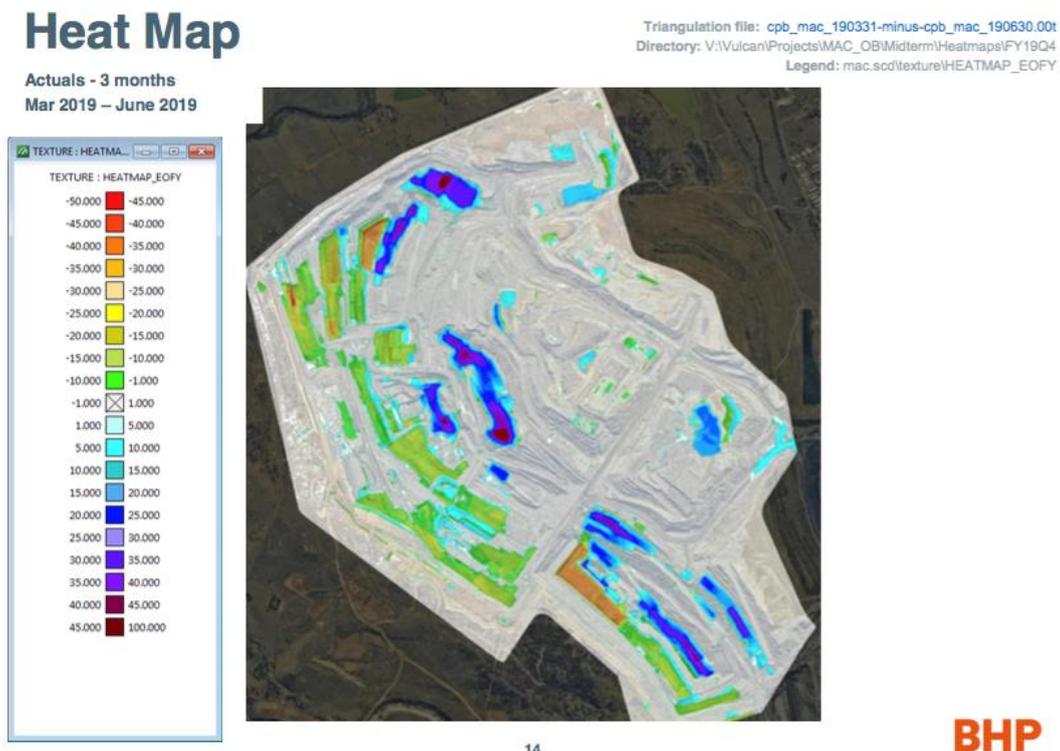
Action 2 (Feb 2019): Col to get in touch with the DP&E to ascertain if the Department representative could attend a future CCC meeting to speak about the cumulative impacts of dust. The DP&E have been contacted.

Wej will discuss this with his contact at the department. Action Ongoing.

8. Update from BHP:

OVERVIEW OF OPERATIONS - Presented by Damien

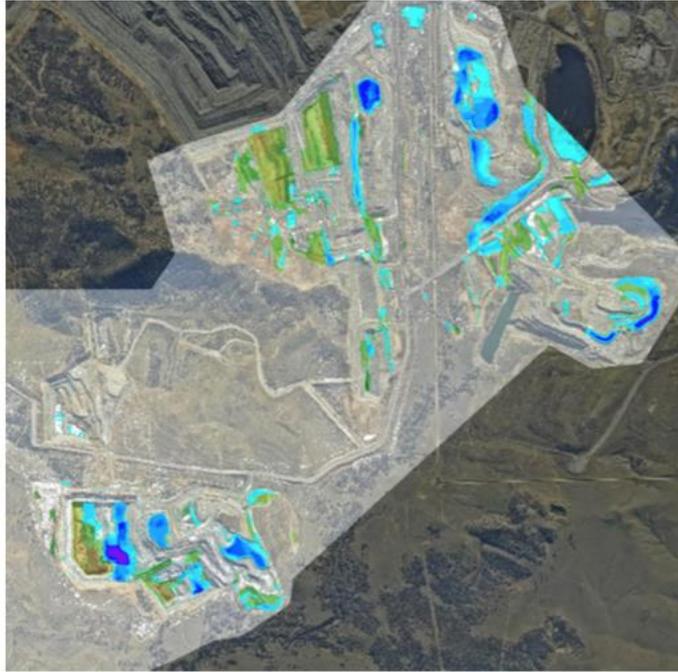
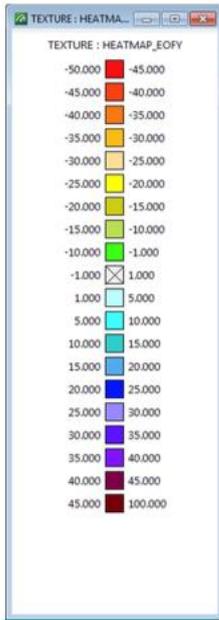
Damien presented information regarding the operations and plans of MAC through the display of heat maps and a pit animation sequence. These images and animation depicted areas of dig and dump activity, haulage networks, future development, and rehabilitation progression. Current activities regarding mining locations were discussed, as well as slowing of rehabilitation works while the haulage access road is adjusted. Damien discussed how the works are being undertaken using geofluid methodology.



Heat Map

Triangulation file: cpb_sad_190331-minus-cpb_sad_190630.00t
 Directory: V:\Vulcan\Projects\MAC_OB\Midterm\Heatmaps\FY19Q4
 Legend: mac.scd\texture\HEATMAP_EOFY

Actuals - 3 months
 Mar 2019 – JUN2019



15



Source: MAC CCC September 2019 Presentation - Slide Reference #15

A table showing the production overview was shown and the results presented by Damien.

Production

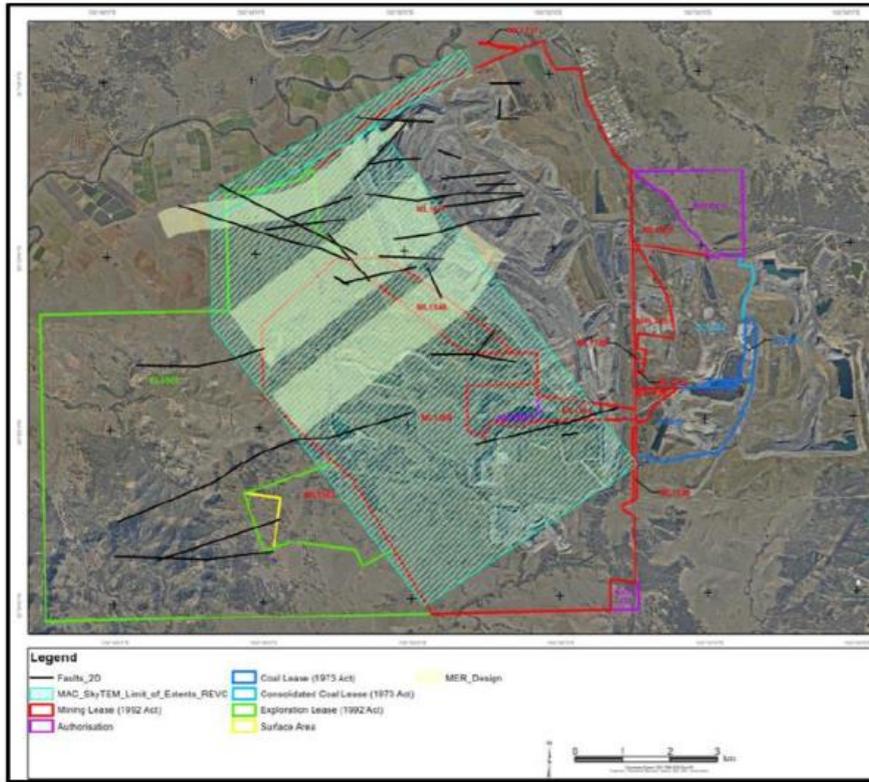
	Last 3 months	Previous 3 months	Previous Year 3 months		
Production Information	Q4, FY19	Q3, FY19	Q4, FY18	Q-on-Q Difference	Year-on-Year Difference
OB Movement (Mbcm)	28.4	28.9	28.7	-2%	-1%
Coal Mined (Mt)	6.4	6.4	8.1	0%	-21%
Coal Uncovered (Mt)	6.4	6.6	8.1	-3%	-21%
Product Coal (Mt)	4.9	4.6	5.8	8%	-15%

Source: MAC CCC September 2019 Presentation - Slide Reference #16

North Denman Rd SkyTEM 2019

Damien presented information regarding the use of a SkyTEM electromagnetic survey.

SkyTEM – Where Completed



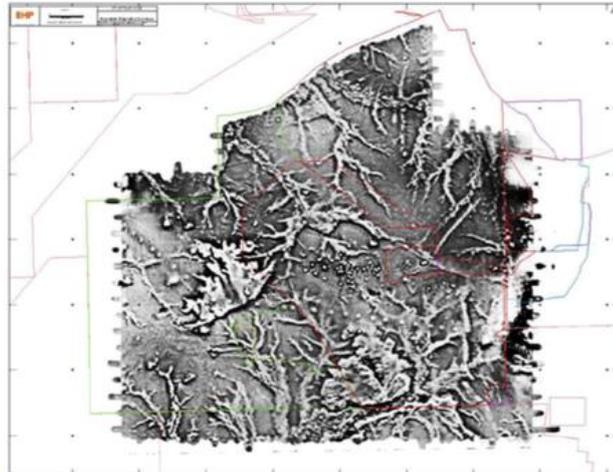
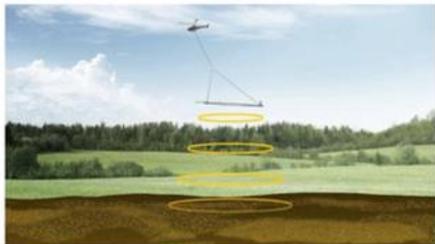
Source: MAC CCC September 2019 Presentation - Slide Reference #18

SkyTEM – Results

MER, Saddlers and Ayredale

Aeromagnetic data shows volcanic intrusions and Palaeochannels

Magnetics, Drilling, Aerial photography and pit mapping used to provide consistent interpretation of intrusion distribution within lease boundary
 Three broad categories of Tertiary age intrusive rocks have been interpreted in this study; dykes, sills and necks/plugs
 Some dykes (in particular NE trending) have no magnetic signature and have been carried over from field mapping or aerial photography interpretation

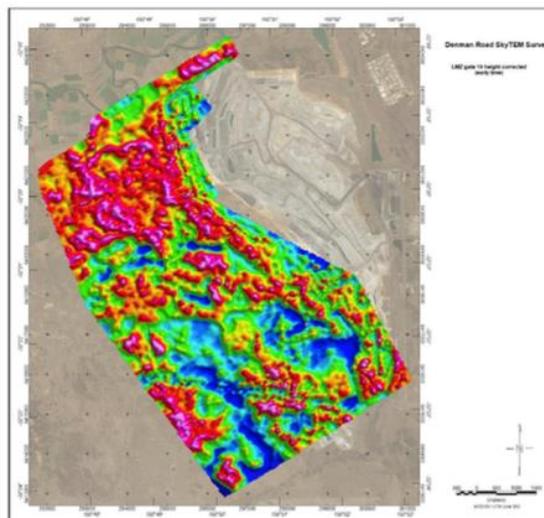


Source: MAC CCC September 2019 Presentation - Slide Reference #19

SkyTEM – Results

Objectives

- Map conductors within the Permian Coal Measures, down to a depth of ~300 m. This is because several intrusions occur within the Life of Asset Area, which may have coked the coal, have been identified at multiple depths
- Mapping of conductive overburden which can inform base of Tertiary and structural models.
- Improved overburden characterisation may also be used to aid hydrologists in placing their water monitoring bores and interpreting that data



Source: MAC CCC September 2019 Presentation - Slide Reference #20

MAC are unable to drill this area and instead are using a non-destructive way of testing for information. This information will inform future drilling and projects. A geological model will be available in January. Data returned informs on the presence of pre-cooked coal which is useless for mining, and the ability of the land to transport or hold water. The survey also produced geological maps of where actions will impact upon ground water.

John raised community concerns regarding the activities of the helicopter carrying out the geological survey around Denman.

3D Seismic – FY19 Reprocessing

Damien shared information regarding 3D Seismic testing - a second method of non-destructive/non-invasive testing. This has been used to test for faults and ground water pressure in coal seams. Interpretations of this data are expected to be published by December around Christmas.

John raised concerns regarding the potential for a sale of the sites, and if the information/data would be utilised by buyers, or if they would carry out their own. Damien expressed that he has no information regarding any sales, and that if it were ever to occur, that it would probably be a contractual obligation for the new company to use this gathered information.

Applications/Approvals

Damien shared information regarding the Environmental Protection Licence, and how the MAC EPL boundary was recently updated to include the Hunter River Salinity Trading Scheme discharge location.

John raised an issue regarding the distribution of the Mining Operation Plan, and how he is only given 7 days to comment on it before it is sent for approval. He further questioned why the site would reach depths of 281m, and expressed that it seemed quite deep. Damien addressed this question and explained that the removal of the access road from the back to the front has halted regeneration progress, and that the final regeneration height will lay with the natural drainage of the land.

John questioned the depth of planned digs and voids. Damien informed him that due to the available incline, they would be able to reach depths of up to 400m quite quickly. John progressed to enquire about 3 future planned voids and if they were avoidable. Damien explained that the progress of these digs relies on the plans and ability to backfill.

John enquired if it is possible for MAC to provide the CCC with planning information sooner than 7 days prior to MAC presenting plans to the department, to provide comprehensive feedback. Damien suggested that the Mining

Operations Plan would not be able to be supplied sooner, as it has a predefined process and MAC follows that process. Damien expressed that he would have to look further into the approvals process to see if approvals could be supplied sooner.

John shared that he had communication between himself and MAC. This was passed to the chair.

Action 4: Damien to enquire about the approvals process and share with the CCC to clarify the required timeframes.

Di sought clarification regarding the potential for a conflict of interest between her participation in the CCC and her family members being employed by MAC. Wej indicated that it is best to declare any possible pecuniary or non pecuniary interests so as not be accused of non reporting of possible conflicts in the future.

Di left the meeting at this point (11:24am) due to the need to attend to a personal commitment.

Land Management

Chris discussed an approval by the NSW Court to uphold the approval of the Mt Arthur Coal Rehabilitation Strategy document as required in Mt Arthur Coal's Project Approval.

Chris mentioned that MAC are inspected annually by the government and are assessed by the agreed criteria, and that MAC report their performance against the annual Environmental Management Report.

Note: The Environmental Management Report has now been renamed to the Annual Management Report, as requested by the department.

Environmental Performance

Chris discussed the PM10 TEOM monitoring results in which 7 days within the monitoring period reported elevated results. These results were investigated, finding that the incremental MAC contribution not exceeding the impact assessment criteria for approval. These investigations were then provided to the NSW Government Department of Planning.

There were no exceedances for deposited dust.

There were no occurrences for surface or ground water at the sampling points.

There were no exceedances of blasting during the reporting period.

John questioned if there were trigger points used in the monitoring process for noise and water. Chris addressed this, mentioning that it will be included in a future report.

Environmental Incidents

Chris discussed a Penalty Infringement Notice that MAC received from the EPA on the 23rd of July 2019 for an event that occurred on the 26th of October 2018, in relation to observation of dust emissions along Denman Road.

Noted by Chris that MAC have not accepted this notice, and that they are currently in dispute.

Chris discussed a blast fume event on the 17th April 2019. MAC have completed the notice to provide information to the EPA and have not yet received any follow up from the EPA as of the date of this meeting.

Environmental Reporting

Chris informed the CCC that MAC have continued to meet the requirements for the monthly reporting of environmental conditions as per the licensing conditions.

John raised a question about an action point from a previous CCC meeting regarding the sharing of information about incidents.

Damien responded that as MAC have not been fined yet for a date where dust was noticed, that it isn't yet classified as an incident.

John expressed concern on how to communicate these issues when they arise with community members, if he doesn't have the relevant information. John feels that if MAC are asked for information by the department, that the CCC should have this information too. Deirdra explained that when the department requests information, it is due to an investigation, which may result in there not being a fine issued.

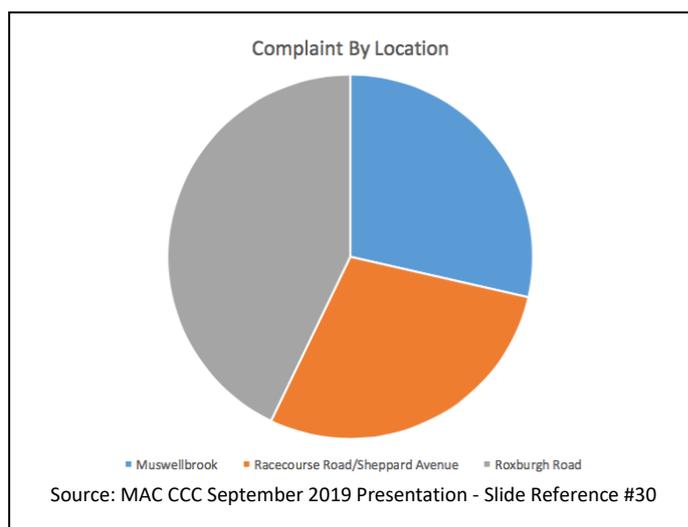
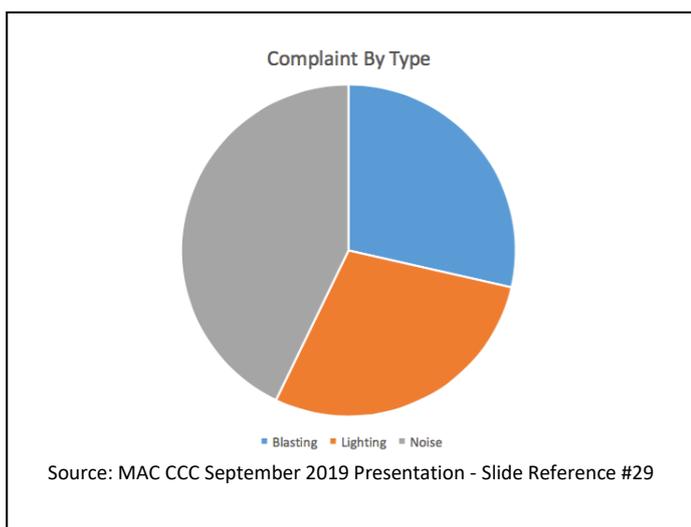
Wej requested that it be noted that this issue is regarding a communication loop, and the requirement or non-requirement of MAC to share information with the department, and the CCC. This is all dependent of the process and classification of an 'incident'.

Action 5: That a strategy be discussed regarding the sharing of information within a timely manner between the CCC and MAC on issues reported to NSW government agencies relevant to compliance with the projects approval.

COMMUNITY - Presentation by Deirdra

Community Complaints – April to June 2019: Community Response Line: 1800 882 044

Deirdra discussed community complaints - 2 blasting, 2 lighting, 2 noise complaints



Engaging with our local communities

Deirdra shared that MAC engage with the community through attendance and presentation at events such as the Muswellbrook Chamber of Commerce and Industry August breakfast.

Key takeaways include:

- Approx \$213.5m in spending with suppliers
- Approx \$7.8, in total approved spending with local businesses through Local Buying Program
- Equates to 172 state and regional businesses and 57 local Upper Hunter Suppliers
- Since inception of LBP, BHP has spent more than \$18m with local suppliers in the Upper Hunter

Supporting local communities

- Books in homes Australia – 2000 text books
- Silver memories radio station
- Hunter Soap Box Derby
- Muswellbrook Amateur Theatre Society

9. Calendar of Events

Date	Event
TBC	Local Voices – community sessions
9 Sept	Round 1 Benefiting My Community Program – 12 applications being assessed by employee committee
12 Sept	R U OK? community event hosted by UHCS
12 Sept	Women in Resources National Awards
25 Sept	Muswellbrook High School mine tour @ MAC
14 Nov	Local Buying Foundation meeting
1 Dec	Round 2 Benefiting My Community Program closes
11 Dec	Joint CCC

Source: MAC CCC September 2019 Presentation - Slide Reference #34

10. General Business

Deidra suggested that issues that may need to be discussed in CCC meetings 'General Business' section, be submitted to be included on the agenda, to allow time for MAC to prepare an official response.

Information (hard copy communication with the department regarding the guidelines) was presented to Wej by John for reading and consideration.

John mentioned that he receives a lot of questions from the community regarding the visual bund walls. John questioned the height allowances for the visual bunds, and if they were measured by sea level. Damien fielded the question and responded that the levels they take a relative to sea level (this is referred to as 'RL'), and that the top height of the dump is 360m. Damien further provided that the visual bunds at Denman Road are roughly 120m RL.

John raised the point of community complaints remaining accessible on the MAC website and how long they are required to remain accessible. John presented a hard copy of MAC's website regarding community complaints. He is requesting access to information regarding complaints as links to the documents had been taken down. He questioned if there was a required time frame for MAC to provide information. Deidra replied that there isn't, but they keep it on the website within reason.

Action 6: MAC to investigate the procedures for community complaint reporting on the MAC website.

John raised concern about numerous issues and complaints regarding lighting on MacLeans Hill. John has sent a report to the Department of Planning and Environment to complain about these lighting issues.

Action 7: John to provide the complaints report regarding the lighting issues on MacLeans Hill to Wej.

11. Next Meetings

MAC CCC : Thursday 21st November 2019 at 9.00 a.m.
 Malabar Coal Joint CCC: Wednesday 11th December 2019 at 10 a.m.

Noted: Wej is unavailable Monday 4th November 2019

ACTIONS ARISING FROM THIS MEETING

Action 1: Wej to consult with Martin Rush regarding the attendance and appointment of a council representative.

Action 2: All members to ensure that Code of Conduct Agreement Forms are completed, signed and sent to the chair.

Action 3: All members to ensure that pecuniary interests and non-pecuniary interests forms be signed and sent to the chair.

Action 4: Damien to enquire about the approvals process and share with the CCC to clarify the required timeframes.

Action 5: That a strategy be discussed regarding the sharing of information within a timely manner between the CCC and MAC on issues reported to NSW government agencies relevant to compliance with the projects approval.

Action 6: MAC to investigate the procedures for community complaint reporting on the MAC website.

Action 7: John to provide the complaints report regarding the lighting issues on MacLeans Hill to Wej.

ACTIONS REMAINING OPEN FROM PREVIOUS MEETINGS

Action 2 (Feb 2019): Col to get in touch with the DP&E to ascertain if the Department representative could attend a future CCC meeting to speak about the cumulative impacts of dust. The DP&E have been contacted.

Wej will discuss this with his contact at the department. Action Ongoing.

Meeting Close:

Meeting closed at 12:05pm